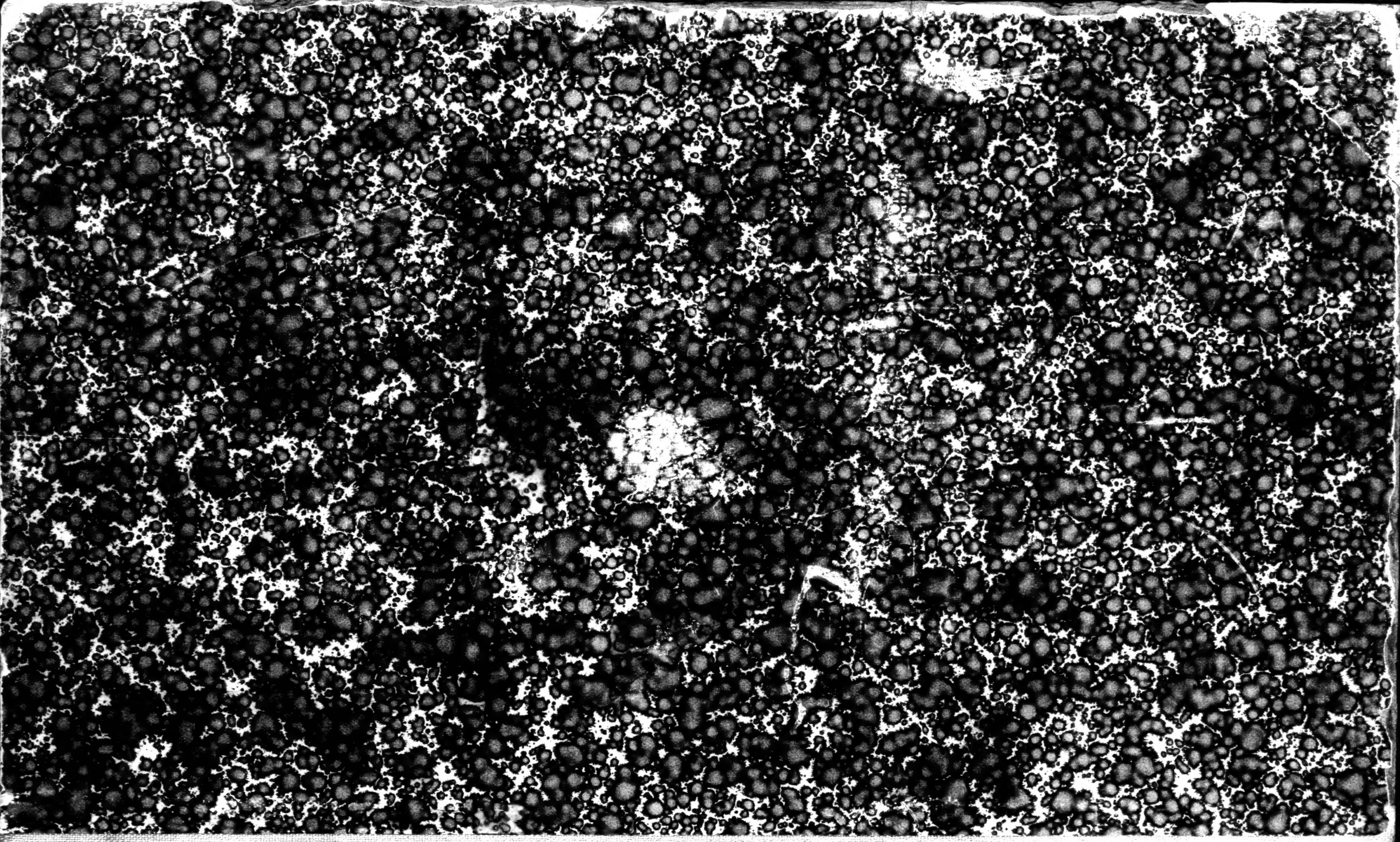


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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, NOVEMBER 18, 1909. No. 625.

Paper White Grandiflora

These are being kept in cold storage and are perfectly dormant; if you order now we will hold them for you at 50c per case a month, or ship immediately at the following prices: Extra quality Bulbs, 13 ctms., about 1300 to a case.

$9.00 per 1000; $11.00 per case;
3 cases for $30.00.

ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th St., **New York**

The 33 Prizes

won by our Carnations
at Chicago, St. Louis and Milwaukee,
speaks of the high grade
stock we grow.

Satisfaction guaranteed

Chicago Carnation Co., A. T. PYFER, Mgr. **Joliet, Ill.**

For The RETAIL FLORIST

Now ready for immediate delivery.

Begonia Gloire de Lorraine, Begonia Pres. Taft and Cyclamen, now in bud and bloom.
Dracaena Terminalis, well colored.
Boston Fern and Harrisii Fern.
Adiantum Farleyense. Ficus Pandurata.
Iris Pallida Dalmatica.

—Price List on Application.—

J. A. PETERSON, Westwood, Cincinnati, O.

Ten Days' Free Trial

The Baur Carnation Clip

Please send without delay 10,000 more of the Baur Carnation Clips. They are the finest thing on the market. A. J. BOOTHMAN.

Wonderful and simply operated, just the right thing in the right place. GEO. EKAS.

Send us no money. The cleverest device ever invented for mending **Split Carnations,** will be sent to you absolutely free, without a cent deposit. Worth many times its cost.

Outfit (1 plier and 1000 clips), $2.50. Clips: $1.00 per 1000, $1.50 per 2000, $3.25 per 5000, $6.00 per 10,000, $12.50 per 25,000, $20.00 per 50,000.

POINSETTIAS (Best in America)—2½ in., $5.00 per 100; $45.00 per 1000

SWAINSONA ALBA—3-in., $6.00 per 100.

ASPARAGUS PLUMOSUS—Strings 8 ft. long, 40c each.

BAUR FLORAL CO., Erie, Pa.

Azaleas

Of the following varieties: Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Mme. Petrick, Sacuntala, Prof. Wolters. $7.50 per doz., $55.00 per 100.

Hydrangeas

Field-grown, one to three shoots to the plant, $7.50 to $15.00 per 100. Satisfaction guaranteed. Pot-grown, 4-in., one to four shoots to plant, $12.00 per 100; 5-in., three to five shoots to plant, $15.00 per 100.

Gloire de Lorraine Begonias

3-in., $15.00 per 100; 4-in., $35.00, 100; 5-in., $50.00, 100; 6-in., $75.00, 100.

Lilies

Full cases at 1000 rate.

	Per 100	1000
Giganteum, 7/9, 300 to case	$7.00	$60.00
Chinese Lilies, 30 bulbs to basket, 4 baskets to bale, $3.60 per bale		28.00

Magnificum Album and Auratum. Prices quoted on application. Also full line of Dutch bulbs.

Spiraea

Gladstone and Washingtonia .....$2.00 per dozen; $10.00 per 100

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

KILLARNEY ROSES

2½-in., choice stock.....$30.00 per 1000

AMERICAN BEAUTIES

2½-in., extra choice, in full growth, $50.00 per 1000

KAISERIN AUGUSTA VICTORIA

3-in., strong.....$45.00 per 1000

E. G. HILL CO., Richmond, Ind.

Holly For Thanksgiving

Special Express Shipment—100 cases of CHOICEST EASTERN HOLLY.

Per case, $5.00

Let us estimate on your requirements of Bouquet Green, Wreathing, Holly, Holly Wreaths, Xmas Trees and other Xmas Decorations, including Sundries like Immortelles, French Moss Wreaths, Cape Flowers, Wire, etc.

THE W. W. BARNARD CO., SEEDSMEN 108-110 W. Kinzie St., **Chicago**

167278

WHITE KILLARNEY

MARYLAND

O. P. BASSETT

Ask the man who grows them

WHITE KILLARNEY

Grafted plants, 2½-inch pots, $12.00 per 100, ready for delivery March 15th, 1910. The White Killarney is far superior to the Bride, paying at least 50 per cent greater return per square foot of bench than the Brides. We graft only on selected Manetti and our young plants have a national reputation for superior quality.

MY MARYLAND

Grafted plants, 2½-inch pots, $12.00 per 100, ready for delivery March 15th, 1910. My Maryland is a splendid rose and must be grown to appreciate its heavy blooming qualities.

O. P. BASSETT

The best Red Carnation. Rooted cuttings ready by December 15th, $6.00 per 100; $50.00 per 1000. The Bassett has made good wherever grown. 200,000 plants were sold last year, which is the greatest test. As a money maker it is far ahead of all other varieties; it is in carnations what Killarney is in roses.

The above three varieties have been thoroughly tested and are the leaders for this season.

BUY DIRECT OF THE GROWER

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO

CRAIG'S SPECIALTIES

Don't Overlook Placing Your Order at Once For

Thanksgiving and Christmas

Our stock is in exceptionally fine shape this year and an order placed with us is bound to prove profitable to you.

BEGONIA GLOIRE DE LORRAINE

We have the largest and finest stock of this grand Christmas plant in America. Our stock has been grown cool and is sure to give satisfaction.

3-inch pots, well flowered, for basketwork..$20.00 per 100
3½-inch pots, well flowered, for basketwork.. 25.00 per 100
4-inch pots, well flowered..... 35.00 per 100
5-inch pots, well flowered..... 6.00 per doz.
6-inch pots, well flowered.....$ 9.00 and $12.00 per doz.
7-inch pots, well flowered..... 15.00 and 18.00 per doz.
8-inch pots, well flowered..... 24.00 and 30.00 per doz.
12-inch pans, specimens.....$6.00 each

We also have a large stock of the LIGHT LONSDALE SPORT at same prices. This variety is considered far superior to the original type, it making a finer shaped plant as well as holding the flowers much better, while the color is a little lighter than that of the original Lorraine.

BEGONIA AGATHA

A more dwarf type of Lorraine with rich, dark green foliage and flowers; a shade darker than Lorraine.

3-inch pots .....$20.00 per 100
3½-inch pots ..... 25.00 per 100
5-inch pots ..... 50.00 per 100
6-inch pots ..... 9.00 per doz.

CYCLAMEN

We have no hesitancy in saying that our stock this year surpasses anything we have ever had for Thanksgiving and Christmas.

4-inch pots, well flowered.....$25.00 per 100
5-inch pots, very fine.....$6.00, $9.00, $12.00 per doz.
6-inch pots, very fine.$12.00, $15.00, $18.00, $24.00 per doz.

FICUS PANDURATA

We consider this the best of all house plants.

6-inch pots, 24-26 inches high.....$24.00 per doz.
6-inch pots, 30 inches high..... 30.00 per doz.

CROTONS

We have the largest and most complete collection of Crotons in America, of the very highest quality and exceptionally well colored.

4-inch pots .....$25.00 per 100
5-inch pots .....$50.00 and $75.00 per 100
6-inch pots .....$9.00, $12.00 and $15.00 per doz.
7-inch pots .....$2.00 and $2.50 each
8-inch pots .....$2.50, $3.00 and $4.00 each

NEPHROLEPIS AMERPOHLII

(Phila. Lace Fern)

4-inch pots.....$20.00 per 100
6-inch pots.....$6.00 and $9.00 per doz.
8-inch pots.....$12.00 per doz.

NEPHROLEPIS WHITMANI

8-inch pots, strong.....$12.00 and $15.00 per doz.
9-inch azalea pots, very handsome plants..$24.00 per doz.

NEPHROLEPIS TODEAOIDES

(London Fern)

We consider this the best of the upright growing kind.

4-inch pots.....$20.00 per 100
6-inch pots.....$6.00 and $9.00 per doz.
Large plants.....$12.00, $15.00 and $30.00 per doz.

NEPHROLEPIS SCOTTII

6-inch pots.....$ 6.00 per doz.
8-inch pans..... 12.00 per doz.
10-inch pans.....$18.00 and $24.00 per doz.

NEPHROLEPIS BOSTONIENSIS.

8-inch pots.....$12.00 per doz.
10-inch pots.....$18.00 and $24.00 per doz.
11-inch tubs.....$3.00, $3.50 and $4.00 each

ASPARAGUS PLUMOSUS

2¼-inch pots.....$4.00 per 100; $35.00 per 1,000
3-inch pots..... 7.00 per 100; 65.00 per 1,000

DRACAENA MASSANGEANA

This handsome plant is the best of all Dracaenas for houses.

6-inch pots.....$15.00 and $18.00 per doz.

DRACAENA FRAGRANS

6-inch pots, strong plants.....$6.00 and $9.00 per doz.

ARECA LUTESCENS

6-inch pots, very heavy.....$15.00 and $18.00 per doz.
7-inch pots, very heavy.....$24.00 per doz.

PANDANUS PACIFICA

6-inch pots.....$12.00 per doz.
7-inch pots..... 18.00 per doz.

PANDANUS VEITCHII

Well colored and just the plant for basket work.

2½-inch pots.....$25.00 per 100
3½-inch pots..... 35.00 per 100

BOXWOOD PYRAMIDS

3½ to 4½ ft. high, well shaped, in tubs.....
.....$3.50, $4.00 and $4.50 each

PHOENIX ROEBELENII

This is a most satisfactory plant.

4½-inch pots, well characterized.....$9.00 per doz.

GARDENIA VEITCHII

5-inch pots.....$35.00 per 100

In addition to the stock listed above, we will have in full condition for Christmas sales Azaleas, Poinsettias, Berried Aucubas, Oranges, Solanums, etc., etc. Our price list is now in the hands of the printer and will be mailed shortly. DON'T FAIL TO SEND FOR ONE.

We extend to the trade a cordial invitation to call and inspect our stock.

ROBERT CRAIG COMPANY

4900 Market Street, **Branch, Norwood, Pa.** **PHILADELPHIA, PA.**

We Want Your Order For Thanksgiving

Because we have the stock that warrants our looking for MORE business with the certainty of giving satisfaction.

Roses, Carnations, Mums

There is no order for these we can not fill to the buyer's satisfaction.
Fine stock in all grades. Carnations are our strongest leader.

Maj. Bonnaffon, the best shipper of the large Mums, is coming just right. Any size flower in quantity.

A large supply of the finest Pompon and Single Mums. Klondike, the best Yellow; Diana, the best White.

Finest Single and Double VIOLETS That Come to This Market.

We always bill shipments at the market rate.
Place your order with US for Thanksgiving.

KYLE & FOERSTER

W. P. KYLE — JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 **CHICAGO**

Hoerber Bros.

Wholesale Growers of Cut Flowers

Store: 51 Wabash Ave., Long Distance Phone Randolph 2758 **CHICAGO**

Greenhouses, Des Plaines, Ill.

THANKSGIVING PRICE LIST

	Per doz.
AMERICAN BEAUTY Long stems	$5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
16-inch stems	2.00
12-inch stems	1.50
Short	per 100, $6.00 to $8.00

	Per 100
Killarney, select	$8.00 to $10.00
" good stock	4.00 to 6.00
Kaiserin select	6.00 to 8.00
" good stock	4.00 to 5.00
My Maryland, select	8.00 to 10.00
" good stock	4.00 to 6.00
Richmond, select	8.00 to 10.00
" good stock	4.00 to 6.00
Bride and Maid, select	6.00 to 8.00
" " good stock	4.00 to 5.00
White Killarney, select	8.00 to 10.00
" " good stock	4.00 to 6.00
Perle	4.00 to 6.00

Special Long Stock billed accordingly.

CARNATIONS, good stock	2.00 to 3.00
" fancy	4.00 to 5.00

	Per 100
CHRYSANTHEMUMS, fancy, per doz	$2.50 to $3.00
" medium "	1.50 to 2.00
" small	$6.00 to $8.00
" our selection, good stock	8.00 to 10.00
VIOLETS	.75 to 1.00
Valley	3.00 to 4.00
Easter Lilies	per doz., $2.00 15.00

GREEN GOODS

Asparagus Plumosus	per string, $0.50 to $0.75
" "	per bunch, .35 to .75
" Sprengeri	3.00 to 6.00
Adiantum	1.00 to 1.50
Farleyense	10.00 to 12.00
Smilax	per doz., $1.50 10.00
Ferns	per 1000, 1.50 .20
Galax, bronze	" 1.25
" green	" 1.00
Leucothoe	.75
Mexican Ivy	per 1000, $7.00 1.00
BOXWOOD	per bunch, 25c; per case of 50 lbs., $7.50

Subject to market changes

We can supply every flower the market affords, but

OUR SPECIALTIES ARE ROSES AND CARNATIONS

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

YOU WILL HAVE SALE FOR LARGE QUANTITIES OF FLOWERS

For Thanksgiving

If you offer your trade the quality of stock we are cutting in quantity.

Best varieties, grown to perfection. Can supply by the hundred, or thousand or more.

MUMS

Yellow, white, pink, $1.50, $2.00 and $3.00 per dozen.

We now are making large daily cuts of

Specially Fine Roses

If your trade calls for the best long Roses, we have long, fancy stock in large quantities in all leading varieties, but especially in

Killarney and My Maryland

Of course we have plenty of medium and shorter roses for all orders. Can meet any demand in the rose line.

Carnations--Good Stock--Large Supply

Send along your orders—we will take good care of you

HEADQUARTERS FOR WILD SMILAX ON SHORT NOTICE

THANKSGIVING PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long specials	$5.00 to $6.00
30 to 36-inch	4.00
24-inch	3.00
18 to 20-inch	2.00
15-inch	1.50
Short	per 100, $6.00 to 8.00

	Per 100
WHITE KILLARNEY, extra long, fancy	$10.00
Long	8.00
Medium	6.00
Short	4.00
MY MARYLAND, extra long, fancy	10.00
Long	8.00
Medium	6.00
Short	4.00
KILLARNEY, fancy	10.00
Long	8.00
Medium	6.00
Short	3.00
MAID and BRIDE, select	6.00
Medium	4.00
Short	$2.00 to 3.00
RICHMOND, fancy, long	8.00
Medium	4.00 to 6.00
Short	2.00 to 3.00
KAISERIN, extra long, fancy	$10.00
Long	8.00
Medium	6.00
Short	4.00

EXTRA SPECIALS CHARGED ACCORDINGLY

	Per 100
CARNATIONS, fancy	$ 6.00
" ordinary	$ 4.00 to 5.00
" splits	3.00
CHRYSANTHEMUMS—	
White, yellow and pink, doz.,	$1.50-$2.00
Fancy, doz.,	3.00
POMPON MUMS, pink, white and yellow, per bunch, 50c and 75c.	
VIOLETS, New York Doubles	1.00 to 1.50
Singles	.75 to 1.00
HARRISII LILIES	doz., $2.00
VALLEY	3.00 to 4.00
PLUMOSUS SPRAYS, SPRENGERI	3.00 to 4.00
PLUMOSUS STRINGS, extra long	60.00 to 75.00
SMILAX	per doz., $2.00
GALAX	per 1000, 1.50
FERNS	" " 1.50
ADIANTUM CROWEANUM	1.00
LEUCOTHOE	.75

WILD SMILAX, 50-lb. case, $5.00; small case, $3.50.

VISIT OUR GREENHOUSES WHENEVER YOU COME TO CHICAGO—

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty. Can supply them all the year. Once tried you will have no other.



For Thanksgiving

You will need large lots of

CHRYSANTHEMUMS

They are the sellers of the season. We have a big supply

Of Every Size and Color

From $6.00 per 100 up to $3.00 per doz.

ALSO LARGE SUPPLIES OF ROSES and CARNATIONS of all varieties and qualities.

Lots of Fancy New York Double

VIOLETS

These Are Our Leading Specialty

Our business is growing at a great rate, because we have the stock and the facilities; may we have your orders?

THANKSGIVING PRICE LIST Subject to change without notice

AMERICAN BEAUTY	Per doz.
36 to 40-inch stem	$5.00
24 to 30-inch stem	$3.00 to 4.00
18 to 20-inch stem	2.50
12 to 15-inch stem	1.50 to 2.00
Short stem	.75 to 1.00

	Per 100
Bride	$4.00 to $6.00
" Special	8.00
Bridesmaid	4.00 to 6.00
" Special	8.00
Kaiserin	4.00 to 6.00
" Special	8.00
Killarney	4.00 to 8.00
" Special	10.00
White Killarney	$4.00 to $ 8.00
" " Special	10.00
My Maryland	4.00 to 8.00
" Special	10.00
Mrs. Field	4.00 to 8.00
" Special	10.00
Richmond	4.00 to 8.00
" Special	10.00
Carnations, good	2.00 to 3.00
" fancy	4.00 to 5.00
Chrysanthemums, fancy, doz.	$3.00
" medium, doz	$1.50 to 2.50
" small	6.00 to 10.00
Violets	.75 to 1.00
Valley	3.00 to 4.00
Harrisii Lilies	$15.00
Callas, per doz.	$2.00
Asparagus, per string	50c
" Sprengeri, per bunch	$0.25 to .50
" Plumosus "	.50 to .75
Galax, green, per 1000	$1.50; .15
" bronze "	1.50; .15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax, per doz.	$1.50 12.50
Fancy Ferns, per 1000	1.50 .20
Boxwood, 50 lb. case	7.50
Wild Smilax, 50 lb.	5.00

VAUGHAN & SPERRY, 52-54 Wabash Ave., Chicago

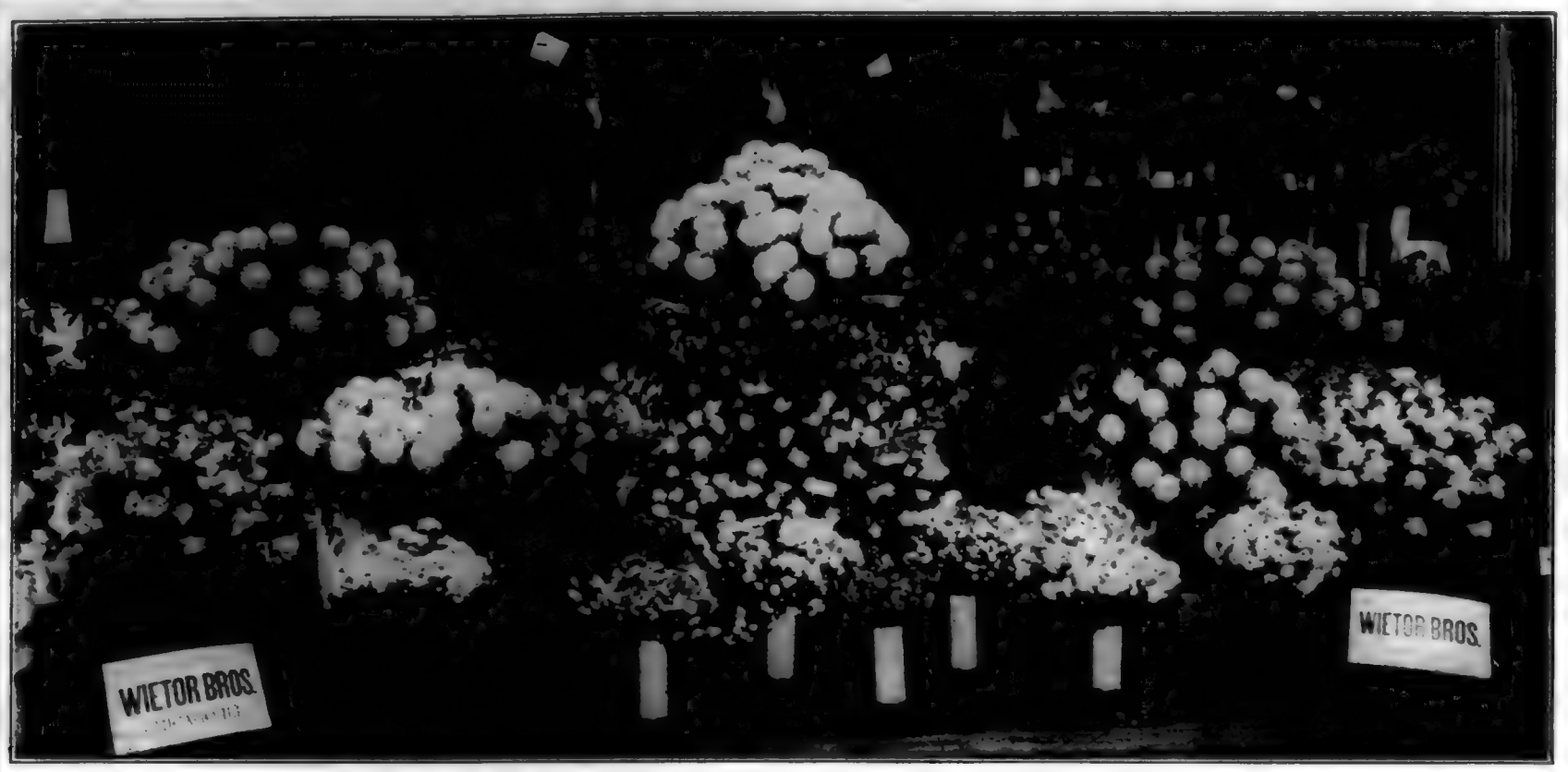
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Our Poinsettia Samples Are Ready

Order now and get in on the early prices.
You know our Poinsettias have no equal.

Gustave Schroeder, Artificial Flower Manufacturer

1524 Prospect Ave., CLEVELAND, O.



Display of Cut Flowers Staged at Chicago by Wietor Bros., Not for Competition.

Many visitors at the Great Chicago Exhibition, November 2 to 7, called this

The Finest Exhibit in the Show

WE HAVE A BIG CUT IN ALL LINES

FOR THANKSGIVING

Large Crops of Beauties, Richmond, Killarney, White Killarney, Jardine, Moulton, Sunrise, Maid, Bride, Uncle John and Perle

Fancy Carnations, Mums and all Greens
Beauties are in Splendid Crop

THANKSGIVING PRICE LIST

AMERICAN BEAUTIES	Per doz.
Long stems	$5.00
30-inch stems	3.50
24-inch stems	2.50
20 inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
Short	.75

	Per 100
Bridesmaid and Bride	$3.00 to $6.00
Killarney	3.00 to 8.00
White Killarney	3.00 to 8.00
Mrs Jardine	3.00 to 8.00
Richmond	3.00 to 8.00
Uncle John	$3.00 to $ 6.00
Perle	3.00 to 6.00
Carnations, common	2.00 to 3.00
" select	4.00 to 5.00
Mums, small	8.00
" medium, doz., $1.50-$2.00	
" fancy " 2.50- 3.00	
" special fancy " 4.00	
Harrisii	15.00
Valley	3.00 to 4.00
Adiantum	1.00
Sprengeri, per bunch,	.50
Ferns, per 1000,	1.50
Galax, per 1000,	1.50

ROSES, Our Selection, $3.00 per 100

SUBJECT TO CHANGE WITHOUT NOTICE

WIETOR BROS., 51 Wabash Ave. Chicago

—— U KNOW US! —— LET'S KNOW U! ——

FLORISTS...

The Florist is waking up to the fact
That M. Rice & Co.'s Florists' Supplies and Ribbons
Are better, much better than the kind they thought best—
Send for our Katalog, the most complete and comprehensive ever issued.
To the Trade Only.

Importers, Originators, Manufacturers
Rice Standard "Ribbons"

M. RICE & CO.
1220 Race St.
PHILADELPHIA, PA.

Ribbons and Chiffons for Thanksgiving

Quick delivery assured of every style and color

The Difficult Shades are Our Hobby

Our line being so extensive, the expression of your particular preference in colors and widths, when requesting samples, will facilitate perfect service. Samples upon request.

Wertheimer Bros.
The National Floral Ribbon House
550 Broadway, NEW YORK CITY

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved WREATHS, MOSS WREATHS and METALLIC DESIGNS.

L. BAUMANN & CO.
359 W. Chicago Ave., CHICAGO

JOS. G. NEIDINGER

1513-15 Germantown Avenue, PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WheatSheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

H. D. MANN CO.

Chiffons, Ribbons, Silk Cords,
Violet Ties, Brass and Silver
Fern Dishes and Jardinieres
A Full Line of Florists' Supplies
105 Canal St., SYRACUSE, N. Y.

Nov. 18 Fill in your name and mail us this blank.

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

..... Name

..... Address

This Season's Two Big Novelties

Pekin Striped Netting The kind that will not crumple
Changeable Gauze Corsage Ribbon
Samples sent upon request.

Lion & Company

Manufacturers of the Colonial Brand of
Ribbons and Chiffons
114-116 Spring St., New York

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

AN AUTO IN FLOWERS.

Pretty nearly every city of any consequence now has its annual automobile show, and the week of this event the merchants in nearly every line make special effort with their automobile windows.

The accompanying illustration shows how W. J. Palmer & Son, Buffalo, took advantage of automobile week in Buffalo to catch the attention of the people. The photograph was made from the store, looking outward, and the decoration was worthy of special note because it was equally complete, viewed from either side. The automobile was made entirely of natural flowers, just like a funeral design, made up on a wire frame. Galax was used to represent the smooth metal surfaces, and smilax for the pneumatic tires, carnations being used to outline all the edges. W. J. Palmer says the piece attracted as much attention as anything they ever had in their window.

THE TREND OF PUBLIC TASTE.

[A paper by Frank J. McKenna, of Montreal, Can., read at the twelfth annual convention of the Canadian Horticultural Association, in Toronto, November 11, 1909.]

If we are to judge by the superb specimens of blooms which daily pass through our hands, floriculture has reached an almost superlative degree of perfection. For this we are deeply indebted to some clever and enterprising growers all over the country.

The part of the business in which I am most interested and which, to my way of thinking, is by far the most difficult to handle, is the retail. On account of dealing directly with the public, we are daily confronted with difficulties so formidable that it makes the growers' troubles so insignificant as to fade away into oblivion.

Before beginning to show in what direction the trend of public taste is traveling, I must mention the fact that there is one thing the retail florist has to be thankful for, and that is that people are, and always will be, of varied tastes and opinions when it is a question of decoration.

Crazes in Colors.

In my opinion, yellow for decoration purposes has no equal. Some have a mania for yellow; they want it at all times and seasons, first in mums, then in daffodils, tulips, daisies, roses, Iceland poppies, Spanish iris, coreopsis, goldenrod, marigolds, helianthus, rudbeckia, dahlias, gladioli, etc. Nothing but yellow appeals to their sense of beauty, and I think that the craze will not be satisfied until American Beauties in yellow tints have been introduced. Some others want red, the brighter the better; not only at Christmas, when other people want it, but also at any other time when occasion presents itself. But worst of all is the white flower fiend, who always happens along when we have a rush of design work, with white roses and carnations at a premium. He wants white flowers only, no matter what the occasion, regardless of its purpose or color scheme. A basket or bouquet is not perfect unless it contains some white roses. Why, they even send white flowers to their sick friends, who really need all the bright things possible to brighten them up. These are special color fanatics, and it is not on such that we can base our opinions on popular taste.

The demand for new ideas is growing daily and the florist who caters to up-to-date people must be up-to-date and original in his floral arrangement. Consider how fast the age is advancing in other channels; then why not in our line? Well, it is up to the floral artist to be always ready with new creations and avoid exact duplication of designs for the same occasion.

A Modern Requirement.

There is one feature, or rather change, in the business that is very noticeable even in my short experience. Not long ago it was the grower of specimen blooms and plants who was the hero of the hour. His productions were admired by all. A bunch of mammoth chrysanthemums, extra fine roses, or Beauties of excellent quality could be exhibited in an old bucket or ugly stone vase, and they were the talk of the town. Now it is different. It is floral arrangement, in my opinion, that holds the attention of the people today. A daintily arranged basket, bouquet or wee hamper of orchids, violets, pansies or valley will attract a hundred per cent more attention than even a dozen specimen mum plants with a hundred blooms on each.

For wearing, the cabbage-head bunch of double violets predominates. Only about two years ago we could not sell one bunch of doubles to a hundred singles; now the doubles have a larger sale, showing that it is not the flowers but the arrangement that counts. A little distinction may be added by inserting a cattleya, a few sprays of valley or a few small rosebuds. A rich moire taffeta ribbon of a good violet shade is the favorite tie, although at times we use a great many different kinds of cords, some very costly. Huge corsages of cattleyas and valley or violets and valley are quite fashionable, as much as 200 best valley being worn in one bunch, tied with shaded ribbons. With the best of these we furnish corsage shields.

Table Decorations.

As to table decorations, there is so much to say, so many different arrangements are in vogue, that I have not the time to go into any lengthy descriptions.

Smilax is seldom used on the table nowadays. Other greens are preferred and its sole purpose is for festooning and draping mantels.

We have always on hand a stock of tins of various sizes, to fit almost any shape of basket or fancy receptacle, which we fill with water and in which we arrange the flowers at the shop and deliver all ready to place on the table. This is much simpler than working in someone's pantry or dining room. We carry a great assortment of baskets for this purpose. In these, natural colors and neutral shades are preferred. Some are of bark, others twig, but willows are the best of all, with or without handles.

Always arrange flowers as loosely and as naturally as possible. The stems are cut to different lengths for best results.

For the debutante there is no set flower, but blush pink rosebuds, Carnots or Bon Silenes meet with the most favor, the tinier the buds the better, and what flowers are pinned to the ribbon are of the same variety.



Window Decoration for Automobile Show Week.

Wedding Bouquets.

For bridal bouquets, orchids and val-

ley seem to be the choice of the majority who can afford them, white orchids being preferred when obtainable. Next in favor comes valley, and, following, the arm bunch of Brides only, or Brides and valley. White Killarney as yet meets with little favor. A ball of valley makes a unique bridal bouquet.

The expensive embroidered scarfs make a beautiful tie, but, in my opinion, wide, heavy moire taffeta or fine maline is just as good. We never use flowered or striped chiffon. For showered bouquets the half-inch chiffon ribbon is the prettiest.

Bridesmaids almost invariably carry a large flat bunch of one or another variety of pink roses. My Maryland has the preference. Mums, marguerites and yellow daisies are also effective and are extensively used. On such bunches we use maline or heavy wide ribbon. At some of the more fashionable weddings we use muffs, balls or fans for the bridesmaids.

The use of ribbons and chiffons with flowers is becoming more popular every day, and we use a great deal of expensive imported stock especially made for flowers. On the more expensive bunches we use the dotted chiffon over the ribbon, producing elaborate effects.

There is always a demand for dainty, well arranged baskets of flowers for gifts, of which we always have a few in our window or around the store.

For the Different Seasons.

For decorating in the fall, bronze beech sprays and yellow mums I find the most admired. In the summer, white and pink peonies are good; later on, Clematis paniculata cannot be beat. For Christmas, laurel and poinsettias and plain red Porto Rico mats are attractive. At any other time southern smilax or Sprengeri, hung with open Killarney roses, are most effective. Harrisii lilies are still the best Easter church decoration, and, I suppose, always will be; we have never yet had enough to supply the demand.

There are always a few customers who know it all, and, when ordering a floral design of any kind, they want to show us how they make it. The most profitable way to handle this class of customers is to jolly them a little and give them as near what they ask for as possible. Do not waste your time trying to talk them into something else. Do not force anything on them if you wish to retain them as customers, unless you have previously succeeded in securing their confidence. I must say that the general run of flower buyers of today are not quite equal to telling the florist what they want, but they usually have an idea, for everybody has more or less natural taste for beauty in flowers, and a suggestion or two from them may be helpful. Their ideas may perhaps seem odd, but coupled with our own artistic experience in such matters, the result will most likely be some pretty good design, perhaps entirely different from anything we might have conceived without the aid of their suggestions.

Some Popular Arrangements.

I will not attempt to enumerate here all the beautiful arrangements that seem to please the public so well, but the following are a few simple ones which are popular in our city:

A wreath of all roses, such as Brides, Carnots, Richmonds or Queens, with a well arranged bow of good ribbon, using only rose leaves for foliage.

The magnolia wreath is also quite popular, especially when a few croton leaves are used to give it some color, or a wreath of cattleyas and Amerpohlii and orchid ribbon speaks for itself. Combinations of valley make another swell arrangement.

The standing cross appeals strongly to the poorer classes. We find it the most showy design for the price.

All kinds of baskets are beginning to meet with approval and we expect that in a few years they will take the place of a lot of designs in use at present.

In cut flowers the most popular, in my opinion, are as follows: In roses, Beauties, Killarneys, Marylands and Richmonds always have a steady sale. In carnations, Winsor, White Perfection, Enchantress and Beacon are the flowers for us. Double daffodils are a dead letter. Paper White narcissus, as a cut flower, is likewise out of favor. We find a steady demand for sweet peas all winter, as well as mignonette and freesia when possible. Best valley sells at any time.

In mums there is an enormous demand for flowers of all colors, in the medium size. The incurved petals are the favorites, and although there is always some sale for the extra large blooms, the demand is limited. The mums that sell best of all, though, are Pink Ivory, White Ivory and Bonnaffon, old-fashioned, but hard to beat as keepers. Probably the most important introductions of recent years are the pompons. There is a great variety of colors among these, the whites, yellows and bronzes being the best sellers.

The Favorite Plants.

In plants, Boston ferns have the field to themselves. Scottii, when well grown, is most satisfactory and sells on sight. The newer varieties of fancy or crested nephrolepis, although much admired, move slowly, as the public seems scary as to their keeping qualities and cannot be convinced that they are just as good as the Bostons.

What has happened to the rubber plant is a mystery. There is no hardier house plant, with the exception, perhaps, of the aspidistra; still we could not give them away at 50 cents last year, though fine plants, twenty inches high. This year, though nobody has any in Montreal, I think a half dozen will put us through the winter. Not long ago two or three hundred rubbers could be sold by the average florist in one season. I wonder what is going to replace it.

Ficus pandurata, although greatly admired, is not as yet really popular, probably on account of its high price.

In palms, kentias are still the most popular, but since the duty has been placed on them, I think I can safely say that not half of the palms are sold in Montreal that were sold some years ago. This duty, in my estimation, is helping along the fern men some, but certainly does not help the florists' trade any.

In blooming plants, the azalea is by far the most popular. The rhododendron is also good and we find no difficulty in selling it all through the winter. It is a plant that usually gives great satisfaction to the purchaser. For anything out of the ordinary, in plants or flowers, we find a ready sale.

Mum plants are a scarce article in Montreal; I don't know why. We pay pretty good prices for the ones we get. I think it would be profitable for someone to make a specialty of growing them.

Well grown rose plants and ramblers find a steady sale at holiday time, but are practically useless at any other time.

I hope I have not been too tiresome in this, my first attempt in this line. One thing I have learned in putting these lines together; it is, that there is some difference between putting flowers together and telling in an intelligent manner how it is done. If this humble effort of mine, however, has the effect of bringing out for our next meeting a paper from one of the many clever artists of this association on this subject, which, owing to the rapid development in our profession, can always contain something new, I shall feel that my efforts have been amply repaid.

The Review can supply any horticultural books at publishers' prices.



One of the Stores of J. A. Mendel, Chicago.

MENDEL'S NEW STORE.

Not by any means all the flowers sold in a big city go to the fashionable districts; indeed, if it were not for the stores that do thriving business in the workingman's parts of town the trade could not be the success it is. To those who do not visit the southwest side of Chicago it is a surprise to know that some of the largest flower buyers in that market have their stores located there. J. A. Mendel makes no pretense of being a "big" florist, but he has sold so many flowers on West Eighteenth street that one store no longer serves his needs and he now runs two within three blocks of each other. The new store, to which headquarters was transferred last July, is shown in the accompanying illustration. The trade there is steadier than it is in the society section, for the use of flowers is largely for funerals and weddings. A large quantity of stock is worked up each day.

PROFIT IN GOLDFISH.

A large number of retail florists are now handling goldfish as a side line and find them surprisingly profitable, as a globe of them placed in a window attracts attention and not only sells the fish, but also helps the sale of the flowers.

It is popularly supposed that goldfish are hard to handle and die quickly, but such is not the case. If handled according to the directions given by the houses that specialize in this line, they will be found to be practically no care whatsoever and a good investment for any enterprising florist.

ST. VALENTINE'S DAY.

I usually read "The Rising Eastern Market," as I like to keep up with what is going on as to flowers at the hub (so far as this part of the country is concerned). In the issue of the REVIEW for November 14, I noticed your Floral Calendar, and was surprised to see that you had omitted February 14, St. Valentine's day. I find here in North Carolina that on February 14 a good many flowers are sent as valentines. I wonder if this is not the case in the larger cities also?

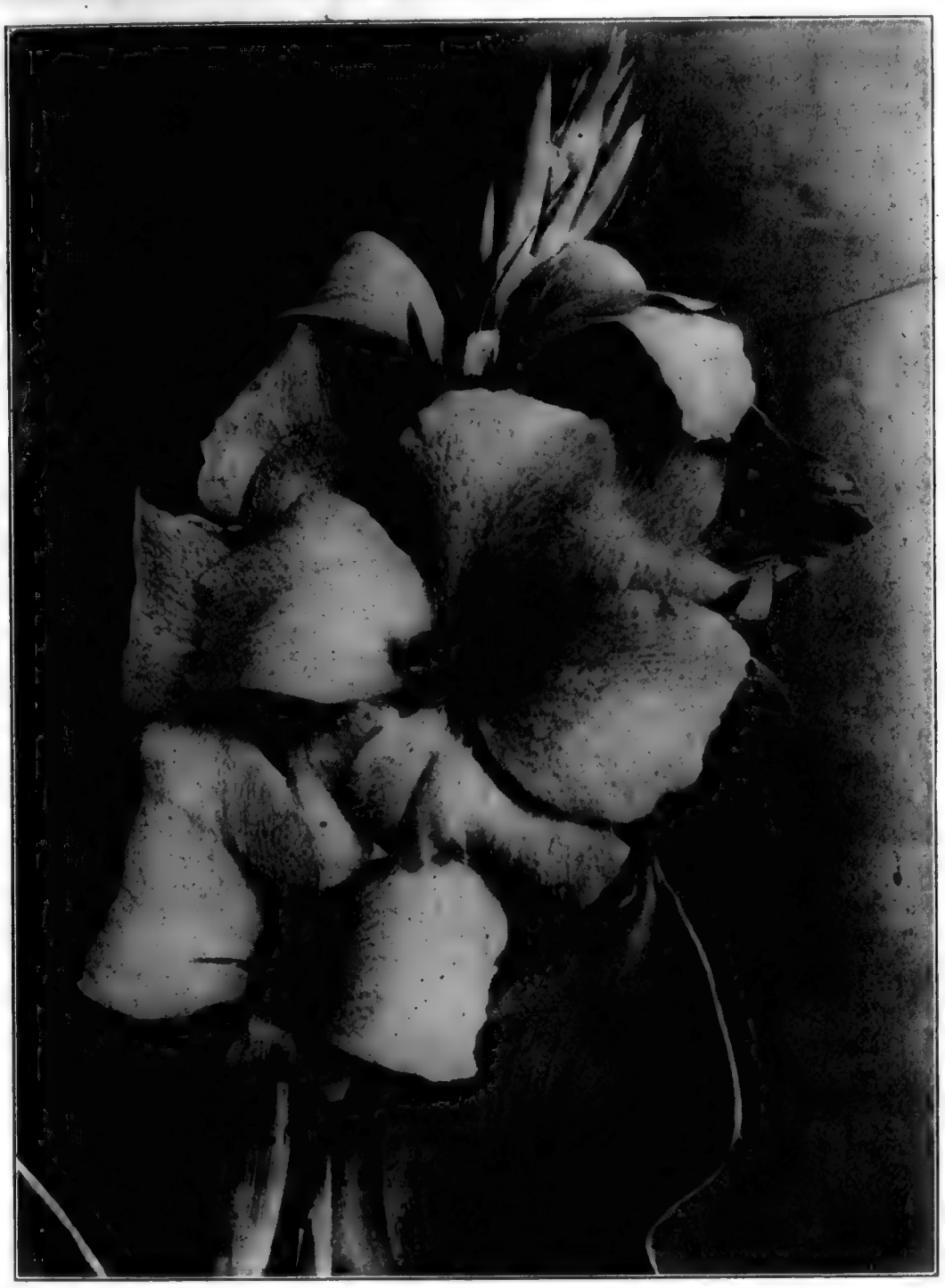
HOWARD GARDNER.

IMPROVEMENT IN THE CANNA.

Work of Van Fleet and Wintzer.

It was one of those sunshiny days in October when there is any amount of work to do on the place that would be the better for doing at once. Yet there was no work that had to be done and frost was but a few days off. It was now or never, for, as everybody knows, cannas are apt to be at their best just before Jack mars their beauty. West Grove, Pa., is the home of the canna. From West Grove have come the most valuable additions to the canna family in recent years. West Grove is known the world over for these marvelous introductions, pink and white cannas with flowers of immense size, gladiolus type, adding a range of color unknown and undreamed of before the hybridizing days of Van Fleet and Wintzer.

Dr. Walter Van Fleet commenced the work, producing some wonderful seedlings that showed the possibilities within the range of the hybridizer. His seedlings were handed over to Antoine Wintzer, who continued the work as a hobby in his hours of recreation—continued it so skillfully that two years ago the London Horticultural Society awarded the highest honors to his productions.



Canna Rosea Gigantea.

The cannas are not at their best this season, for the long periods of drought have had their effects on this water-loving plant. Perhaps for that very reason an hour or two spent in the canna fields is of unusual interest, showing, as it does, the varieties that appear to advantage under trying conditions. Rosea Gigantea, last year's introduction, is a most beautiful pink, of a shade that might at random be compared to the tulip Salvator Rosa. The gladiolus-type flowers are, as the name implies, of immense size. The plants under the drought conditions are dwarf and vigorous, showing extraordinary freedom of bloom. There was a clearness, a depth, a brilliancy in the color of Rosea Gigantea that go far to convert the believer in reds and yellows only as canna colors. Minnehaha, another introduction of last year, makes a beautiful foil to Rosea Gigantea; a soft, delicate shade of blush pink evenly diffused throughout the immense flowers. The aim in naming the bronze-leaved cannas is to use Indian names for all of this type, so it is unnecessary to say that the Laughing Waters is a bronze canna.

Experiments in Selection.

The field devoted to last year's seedlings under number has many varieties of great merit; so many that the retaining of a few of the best is a task of unusual difficulty, a task that must be accomplished for fear of a financial crisis, lest the canna should overflow its space and drive every other species of plant from the neighborhood. The most striking novelty in this field was a seedling obtained from a cross between Blanche Wintzer (large flowering white) and Maiden Blush, both Mr. Wintzer's earlier varieties. There are fourteen plants of this novelty, bearing large gladiolus-type flowers of a pink and white that Mr. Wintzer assured me closely resembled La France rose. It has many of the qualities of a great canna, and will be watched with intense interest. The name Mrs. Alfred F. Conard is suggested for this variety.

This is the period of selection for hybridizing, when choice clumps are carefully housed with due regard to constitution, color, habit and foliage, as subjects for the potent spells of the camel's-hair brush. The work is done, never at random or haphazard, but with a definite object in view. It takes years of careful work to eliminate the tiger spots from the yellow field, to improve the size and freedom of Mont Blanc, to produce a pink of surpassing beauty, like Rosea Gigantea, or a bronze-leaved blush, like Minnehaha. The world recognizes William Saunders as Mr. Wintzer's greatest

canna production, bearing, as it does, the stamp of approval of the English Royal Horticultural Society. It is a canna of the popular type, with a brilliancy unsurpassed for decorative effect.

PHIL.

SALE OF COMPOST AND SAND.

Will some of the retailers who sell compost in small quantities for potting house plants please give other readers the benefit of their experience in that line? What price do they ask and how is it handled, etc.? Also similar information about clean sand for bird cages, aquariums, etc.? My thanks to the one who will volunteer the information.

F. A. FORBES.

THE AUTUMN EXHIBITIONS

MILWAUKEE.

The Milwaukee Florists' Club sprung a surprise on the trade last week. Everybody knew that Milwaukee was going to have a right smart flower show, as a southerner would put it, but few, if any, looked for a show which would rival the exhibition at Chicago, which has come to be known as the country's biggest autumn exhibition. The Milwaukee show lacked only the encompassing circle of retail booths, the frame for the picture, to bind the exhibition into an harmonious whole, to stand comparison on every point with the exhibition at Chicago. Indeed, in some respects Chicago was outclassed. There were more entries for cut mums at Milwaukee than at Chicago, and the arrangement and general effect of the ensemble was not less satisfactory. There were not so many roses as at Chicago, but there were more carnations.

This is the first time the Milwaukee Florists' Club has had an adequate building for a show. The new Auditorium leaves little to be desired. Milwaukee never before has had an exhibition of this magnitude, so the attendance was not much of an evidence of what it will be in years to come, except that the later days of the show the public thronged to the exhibition in numbers sufficient to tax the capacity of the floor space. It was a strictly trade exhibition, the exhibits being practically all those of commercial growers, the private gardener element taking no conspicuous part. In the future Milwaukee will have, if this year's show is a fair indication, one of the big commercial exhibitions of the country, one which will command the attention of the trade and be no less an educator of the public taste because of the element of the personal interest which enters into the efforts of flower sellers to create flower lovers.

The awards at the Milwaukee show were as follows:

Roses.

Fifty Beauty, Holton & Hunkel Co., first; Poehlmann Bros. Co., second; Peter Reinberg, Chicago, third.

One hundred Richmond, Poehlmann Bros. Co., first; Peter Reinberg, second.

One hundred Brides, Poehlmann Bros. Co., first.

One hundred Maids, Poehlmann Bros. Co., second.

One hundred Killarney, Poehlmann Bros. Co., first.

One hundred Kaiserin, Poehlmann Bros. Co., first.

One hundred Perle, Poehlmann Bros. Co., first; C. C. Pollworth Co., third.

One hundred any other variety, Poehlmann Bros. Co., first.

Fifty White Killarney, Poehlmann Bros. Co., first; C. C. Pollworth Co., third.

Fifty Rhea Reid, Bassett & Washburn, first.

Fifty Richmond, Poehlmann Bros. Co., first; C. C. Pollworth Co., second; Adam Zender, Rogers Park, Ill., third.

Fifty Bride, Poehlmann Bros. Co., first; Holton & Hunkel Co., second.

Fifty Maid, Holton & Hunkel Co., second.

Fifty Chatenay, C. C. Pollworth Co., second.

Fifty Killarney, Poehlmann Bros. Co., first; Holton & Hunkel Co., second; Adam Zender, third.

Fifty Kaiserin, Poehlmann Bros. Co., first; C. C. Pollworth Co., second.

Fifty any other variety, Holton & Hunkel Co., first; Poehlmann Bros. Co., second.

Carnations.

One hundred white, C. C. Pollworth Co., first; Nic. Zweifel, North Milwaukee, second; Poehlmann Bros. Co., third.

One hundred light pink, Manke Bros., North Milwaukee, first; Nic. Zweifel, second; Chicago Carnation Co., Joliet, Ill., third.

One hundred pink, Nic. Zweifel, first; Poehlmann Bros. Co., second; Chicago Carnation Co., third.

One hundred dark pink, Poehlmann Bros. Co., first; Nic. Zweifel, second.

One hundred red, Bassett & Washburn, Chicago, first; Nic. Zweifel, second; C. C. Pollworth Co., third.

One hundred any other color, C. C. Pollworth Co., first; Edlefsen-Leidiger Co., second.

Fifty White Perfection, C. C. Pollworth Co., first; Nic. Zweifel, second; Poehlmann Bros. Co., third.

Fifty White Enchantress, Chicago Carnation Co., first; Manke Bros., second; C. C. Pollworth Co., third.

Fifty any other white, Poehlmann Bros. Co., first.

Fifty Victory, C. C. Pollworth Co., first; Nic. Zweifel, second; Gus Pohl, third.

Fifty Beacon, C. C. Pollworth Co., first; Nic. Zweifel, second; Manke Bros., third.

Fifty any other red, Edlefsen-Leidiger, first; Manke Bros., second.

Fifty Prosperity, Poehlmann Bros. Co., second.

Fifty Variegated Lawson, Poehlmann Bros. Co., second.

Fifty any other variegated, Chicago Carnation Co., first; Nic. Zweifel, second.

Fifty Enchantress, C. C. Pollworth Co., first; Nic. Zweifel, second; Poehlmann Bros. Co., third.

Fifty Winsor, Nic. Zweifel, first; C. C. Pollworth Co., second; Poehlmann Bros. Co., third.

Fifty Rose-pink Enchantress, C. C. Pollworth Co., first; Burlington Floral Co., Burlington, Wis., second; Mueller & Schroeder Co., third.

Fifty Lawson, Poehlmann Bros. Co., first; Manke Bros., second.

Fifty Aristocrat, Nic. Zweifel, first; Chicago Carnation Co., second.

Fifty any other pink, Poehlmann Bros. Co., first; Nic. Zweifel, second; Chicago Carnation Co., third.

Fifty light pink, introduction of 1909, Chicago Carnation Co., first; Poehlmann Bros. Co., second; Nic. Zweifel, third.

Fifty dark pink, introduction of 1909, Chicago Carnation Co., first.

Fifty red, introduction of 1909, Bassett & Washburn, first.

Twenty white seedling, Nic. Zweifel, first.

Twenty light pink seedling, Bassett & Washburn, first.

Twenty dark pink seedling, Bassett & Washburn, first; Nic. Zweifel, second.

Twenty red seedling, Manke Bros., first.

Twenty variegated seedling, Chicago Carnation Co., first; Nic. Zweifel, second.

Miscellaneous Cut Flowers.

Display of violets, Loeffler & Benke, Watertown, Wis., first; O. Sylvester, Oconomowoc, Wis., second.

Display of lily of the valley, Holton & Hunkel Co., first.

Fifty cut lilies, Currie Bros. Co., first; Holton & Hunkel Co., second.

Collection of pansies, Eschrich & Kaufmann, first.

Fifty snapdragon, J. Meyer, Morton Grove, Ill., first; Mueller & Schroeder Co., second.

Chrysanthemum Cut Blooms.

Fifty white, E. G. Hill Co., Richmond, Ind., first; Holton & Hunkel Co., second; Poehlmann Bros. Co., Chicago, third.

Fifty pink, Poehlmann Bros. Co., first; W. N. Rudd, Morgan Park, Ill., second; Currie Bros. Co., third.

Fifty yellow, Poehlmann Bros. Co., first; E. G. Hill Co., second; H. Staeps, Elm Grove, Wis., third.

Twenty-five white, E. G. Hill Co., first; Holton & Hunkel Co., second; Poehlmann Bros. Co., third.

Twenty-five pink, W. N. Rudd, first; Poehlmann Bros. Co., second; C. C. Pollworth Co., third.

Twenty-five yellow, Poehlmann Bros. Co., first; W. N. Rudd, second; E. G. Hill Co., third.

Twenty-five any other color, E. G. Hill Co., first; Wietor Bros., Chicago, second.

Six yellow, E. G. Hill Co., first; W. N. Rudd, second.



A Glimpse of the Milwaukee Show.



General View of the Milwaukee Flower Show, November 10 to 14, 1909.

Six pink, E. G. Hill Co., first; Poehlmann Bros. Co., second.
Six white, E. G. Hill Co., first; H. Staeps, second.
Six any other color, E. G. Hill Co., first; C. C. Pollworth Co., second.
Forty blooms, ten named varieties, E. G. Hill Co., first; C. C. Pollworth Co., second; Currie Bros. Co., third.
Twenty-five blooms, twenty-five varieties, E. G. Hill Co., first; C. C. Pollworth Co., second.
Collection anemone varieties, Alois Frey, Crown Point, Ind., first.
Collection pompon varieties, E. G. Hill Co., first.
Single anemone, Alois Frey, first.

Table Decorations.

Table decoration of mums, W. C. Zimmermann, first; Edlefsen-Leidiger Co., second; Walter Maas Co., third; Currie Bros. Co., fourth.
Table decoration of roses, W. C. Zimmermann, first; Edlefsen-Leidiger Co., second; Walter Maas Co., third; Currie Bros. Co., fourth.

Miscellaneous Plants.

Boston fern, Holton & Hunkel Co., first; C. C. Pollworth Co., second.
Sport of Boston, C. C. Pollworth Co., first; Vaughan's Seed Store, second.
Six Cibotium Schiedei, A. Kellner Co., first.
Collection of ferns, C. C. Pollworth Co., first; A. Kellner Co., second.
Group of Bostons, Holton & Hunkel Co., first; C. C. Pollworth Co., second.
Group of Boston sports, Holton & Hunkel Co., first; C. C. Pollworth Co., second.
Group of palms, A. Kellner Co., first; Edlefsen-Leidiger Co., second; C. C. Pollworth Co., third.
Group of decorative plants, A. Kellner Co., first; Edlefsen-Leidiger Co., second; Theo. Boettcher, third.
Specimen kentia, Ben Gregory, first.
Specimen phœnix, Vaughan's Seed Store, first.
Specimen latania, Theo. Boettcher, first.
Group of araucarias, Edlefsen-Leidige. Co., first; C. C. Pollworth Co., second.
Ten Begonia Gloire de Lorraine, C. C. Pollworth Co., first; J. A. Peterson, Cincinnati, O., second.
Ten Primula obconica, Thos. Griebler, first; O. Eggebrecht, second.
Ten geraniums, C. C. Pollworth Co., first; O. Eggebrecht, second.
Five cannas, C. C. Pollworth Co., first.
Hanging basket, C. C. Pollworth Co., first.
Hanging basket without flowering plants, Baumgarten Floral Co., first; C. C. Pollworth Co., second.
Ten cyclamen, Carl Meier & Co., Green Bay, Wis., first; C. Fitzerow, second; Theo. Boettcher, third.

Chrysanthemum Plants.

Specimen plant, white, Vaughan's Seed Store, Chicago, second; C. C. Pollworth Co., third; no first.
Specimen plant, pink, Vaughan's Seed Store, first; C. C. Pollworth Co., second.
Specimen plant, yellow, Vaughan's Seed Store, first; C. C. Pollworth Co., third; no second.
Specimen plant any other color, Vaughan's Seed Store, first.
Specimen plant, single variety, Vaughan's Seed Store, first.
Specimen standard, Vaughan's Seed Store, third.
Three specimen standards, C. C. Pollworth Co., second.
Twenty-five plants grown to single stem and bloom, any color, not over 6-inch pots, Vaughan's Seed Store, second; C. C. Pollworth Co., third.
Group of chrysanthemums, C. C. Pollworth Co., first.
Grafted specimen chrysanthemums, C. C. Pollworth Co., third.

Honorable Mention.

Orchids, Lager & Hurrell, Summit, N. J.
Carnations, F. Dorner & Sons Co., Lafayette, Ind.
Trained chrysanthemum plant, Kenneth Barnhart, Evanston, Ill., Peter Schilt gardener.
Group of palms and ferns, Milwaukee park board.
Hardy shrubs, Alex. Klokner.
Table decoration, Baumgarten Floral Co.
Table decoration, J. M. Fox.
Table decoration, M. A. McKinney Co.

Jottings.

It was well done and a grand success, thus reflecting great credit on the executive committee, which consisted of C. Dallwig, C. C. Pollworth, J. G. Heitman, N. Zweifel, W. Zimmermann, G. Kellner and H. V. Hunkel, with the latter as chairman, upon whose shoulders practically the whole thing rested. When the opening hour was reached everything was finished. The main hall of the new Auditorium, in which the show was held, with its white finish, furnished an elegant background and the decorations under the supervision of A. Kellner were fine, presenting a garden spot with five full-sized garden houses, one in the center and one in each corner, covered with wild smilax, trailing vincas and Japanese lanterns, which furnished a most pleasant resting place for visitors.

Alex. Klokner had a display of nursery stock and some aquatic plants, which, although not beautiful, were out of the ordinary and did not mar the beauty whatever. The competing display of palms and ferns plus the original hanging baskets of wild smilax, with yellow tinted electric light effects, gave the whole thing an artistic appearance.

Friday was carnation day and this brought out an exhibition which as to quality and quantity compared favorably with any other flower show of the country. There were 108 vases of carnations and only a few of these were put up, not for competition; in fact, competition in a good many cases was so keen that it took more time to judge than was looked for.

Saturday was rose day and, as there are not so many grown around here, the display was not large, but the exhibits on hand were a credit to the show.

Sunday the only new feature was the changing of dinner table decorations, which also were on display Friday and Saturday.

This being the first show of any kind by the local club since 1905, the public really did not know what it might expect, and with rain the first day the attendance was small. On the second day the attendance was fair, but Saturday the hall was crowded to the doors and Sunday afternoon and evening was also well attended.

The judges for the table decorations were lady representatives of six Milwaukee newspapers, and this, with the good work of the press agent, undoubtedly brought the desired results. Emil Buettner, Rogers Park, Ill.; J. E. Matthewson, Sheboygan, Wis., and Otto Speidel, of Oconomowoc, Wis., acted as judges in the general classes.

The C. C. Pollworth Co. had forty-seven entries, which shows that they did their share to help make a big show.

In the American Beauty class the entry of Holton & Hunkel Co. was fine.

Heitman & Baerman had several vases of fine mixed carnations for exhibition only, and a good sized geranium bed bordered with salvia.

F. Hesse had quite a display of well grown Rex and other begonias and a neat basket of mixed plants.

Theo. Boettcher had a neat group with a specimen latania as a center, finished off with chrysanthemum plants in 6-inch pots, cyclamen, stevia and Salleroi geraniums.

Kenneth Barnhart, Peter Schilt, gardener, Evanston, Ill., had a unique mum plant, Dr. Enguehard variety, trained in two rows, semicircular form, which attracted considerable attention.

In the class for single specimen cut blooms E. G. Hill Co., Richmond, Ind., came in strong with good stock. Others who displayed fine mum cut blooms were

Herman Staeps, Elm Grove, Wis.; C. C. Pollworth Co., Holton & Hunkel Co., Poehlmann Bros. Co., Chicago; Wietor Bros., Chicago, and Currie Bros. Co. The E. G. Hill Co. had a fine display of anemone mums.

In carnations, the following varieties were displayed for exhibition only: Shasta, May Day, Mrs. Knopf, Afterglow, Pink Delight, Sangamo, Conquest and Mary Tolman. In the seedling class there were few entries.

It was a great show and the participating retailers deserve great credit for their aid in every way. Some outsiders remarked that this show compared favorably with the Chicago show.

In carnations, Winsor was the best keeper, for it showed up just as well Sunday night as when staged Friday morning, with N. Zweifel's Bright Spot a close second.

The back yard, before and after, exhibit did not occupy a conspicuous place and as the one was too far distant from the other, it did not serve the purpose intended.

J. Finger, West Allis, Wis., had a creditable display of cut mums of the smaller commercial varieties.

Saturday evening after 9:30 the visiting florists were tendered a banquet at the Republican house by members of the Florists' Club. C. C. Pollworth was introduced by President Dallwig as toastmaster. He in turn called on most of the visitors for a few remarks and thus the time passed and everyone seemed to have enjoyed the little social. H. E. Philpott, president of the Canadian Horticultural Society, was among the guests. E. O.

Visitors.

Meier, Carl, Green Bay, Wis.
Frey, Alois, Crown Point, Ind.
Waters, Mr. and Mrs. T. E., Chicago, Ill.
Will, H. H., Minneapolis, Minn.
Amling, W. H., Maywood, Ill.
Amling, Albert F., Maywood, Ill.
Comandras, Thomas, St. Paul, Minn.
Johnson, W. C., Chicago, Ill.
Bather, R. J., Clinton, Ia.
Hinchliffe, Mrs. J. T., Racine, Wis.
Poehlmann, Mr. and Mrs. August, Morton Grove, Ill.
Poehlmann, Mr. and Mrs. Adolph, Morton Grove, Ill.
Dysinger, George, Ionia, Mich.
Foley, Phil, Chicago, Ill.
Kahout, M., Chicago, Ill.
Bolter, Mr., Appleton, Wis.
Sylvester, Otto, Oconomowoc, Wis.
Guillaume, Mrs. A., La Crosse, Wis.
Miles, Mr., Oshkosh, Wis.
Meyer, Henry, Jr., Kenosha, Wis.
Brown, A. C., Springfield, Ill.
Rayner, William, Oconomowoc, Wis.
Kahout, Joseph, Hinsdale, Ill.
Zender, Adam, Rogers Park, Ill.
Karins, J. J., Philadelphia, Pa.
Hand, Robert, Chicago, Ill.
Hummel, William, Chicago, Ill.
Weiland, Anna, Chicago, Ill.
Asmus, Mr. and Mrs. George, Chicago, Ill.
Winterson, Mr. and Mrs. E. F., Chicago, Ill.
Philpott, H. E., Winnipeg, Man.
Flint, Mr., Chicago, Ill.
Flint, Margaret T., Chicago, Ill.
Scholl, Frank, Pewaukee, Wis.
Tremain, Mrs. C. B., Hartford, Wis.
Schiller, Rheinold E., Chicago, Ill.
Haentze, E., Sr., and son, Fond du Lac, Wis.
Wagner, Joseph, Beaver Dam, Wis.



A Glimpse of the Milwaukee Show.

Barnett, Mr. and Mrs. Ed., Chicago, Ill.
Oehlenschlager, Walter, Oconomowoc, Wis.
Hartung, Louis, Two Rivers, Wis.
Johnson, Frank M., Chicago, Ill.
Olsem, Peter, Joliet, Ill.
Jung, J. W., Randolph, Wis.
Lautenschlager, Fred, Chicago, Ill.
Goerisch, Otto, Chicago, Ill.
Kill, Mr. and Mrs. Leonard, Chicago, Ill.
Garland, H. S., Des Plaines, Ill.
Bruchner, J. C., Chicago, Ill.
Fink, M., Chicago, Ill.
Lubliner, Harry, Chicago, Ill.
Weaver, Thomas, and son, Waukesha, Wis.
Vaughan, J. C., Chicago, Ill.
Sandberg, O. E., Morton Grove, Ill.
Helfrich, Mr. and Mrs. A., Burlington, Wis.

ROCHESTER.

Charles H. Vick, who was chairman of the general committee in charge of the recent exhibition of the Rochester Commercial Florists' Association, states that the success which attended the recent exhibition has insured the show becoming an annual event. At a meeting of the association November 8 at the office of James Vick's Sons, Treasurer W. S. Keller gave a partial report of the financial result, showing a profit of approximately $1,000 as a result of the show. The records show that 17,375 people passed through the gate, of whom 16,289 paid the admission fee. The committee which managed the show was as follows: C. H. Vick, chairman; George B. Hart, W. L. Keller, J. M. Keller, F. J. Keller, R. G. Salter, E. P. Wilson, A. H. Salter, Charles J. Brown, F. W. Vick, William Pitkin, Thomas F. Brown, Sydney R. Clarke, C. B. Ogston, H. B. Stringer, E. A. Osborne, William C. Barry, W. H. Dildine, Guy W. Ellis, William H. Campbell, Woodworth Clum and Harry C. Goodwin.

ST. LOUIS.

The flower show given by the St. Louis Horticultural Society opened November 9, in the Coliseum building, under favorable conditions, and closed November 12. The big hall was nicely decorated. The exhibition was staged in the big arena, laid out as a park and the edge sodded, which gave all exhibits a neat appearance. The competition in cut flowers was not large on the first day, but became stronger the last three days. In the class for plants Fred C. Weber's Japanese pagoda, decorated with cut flowers inside and surrounded with plants, was one of the most attractive displays in the hall. The booth of Ostertag Bros. consisted of a fisherman's dinner table, with electric effects, which was much admired for its originality. F. H. Weber had a neat booth surrounded with plants, and a table decoration in the center. The St. Louis Seed Co. and the Schisler-Corneli Seed Co. both had fine booths, displaying their seeds and bulbs. Otto Sander had a large platform on which he displayed several well made-up designs, which were favorably commented upon. Taking everything into consideration, the show was complete in every detail and deserved the success it achieved. The executive board deserves a great deal of credit on the management of the show. Fred H. Meinhardt and O. G. Koenig had charge of the floor and the exhibition.

The pomological display was not what



A Glimpse of the Milwaukee Show.

was expected and only a few tables of apples and peaches were shown, mostly from Stark Bros. Nurseries, of Louisiana, Mo.

The St. Louis park department had two splendid groups of decorative plants at the front end of the hall. The large fountain in the center of the hall was arranged by the city water department. The Missouri Botanical Garden display was largely made up of odd plants of biblical mention. The judges were: J. T. Temple, of Davenport, Ia.; I. C. Bertermann, of Indianapolis, and R. F. Tesson, of St. Louis, and they did their work to the satisfaction of all exhibitors. The awards were as follows:

Roses.

One hundred American Beauties, Peter Reinberg, Chicago, first; W. J. & M. S. Vesey, second.

Fifty American Beauties, Poehlmann Bros. Co., Chicago, first; Peter Reinberg, second; F. H. Weber, third.

Fifty Richmond, Poehlmann Bros. Co., first; W. J. & M. S. Vesey, second; A. C. Brown, third.

Fifty Killarney, Poehlmann Bros. Co., first; Weiland & Olinger, second; J. F. Ammann, third.

Fifty Chatenay, J. F. Ammann, first.

Fifty White Killarney, Poehlmann Bros. Co., first; W. J. & M. S. Vesey, second.

Fifty Bride, Poehlmann Bros. Co., first; Weiland & Olinger, second; W. J. & M. S. Vesey, third.

Fifty any other variety, J. F. Ammann, first, with Ivory; Poehlmann Bros. Co., second; Weiland & Olinger, third; the two latter with My Maryland.

Six vases of roses, six varieties, twenty-five blooms each, Poehlmann Bros. Co., Chicago, first, with Killarney, Richmond, Bride, Perle, My Maryland and White Killarney; W. J. & M. S. Vesey, second, with Rhea Reid, White Killarney, Bride, Maid, My Maryland and Chatenay.

Fifteen new white roses, John Steidle, first; Poehlmann Bros. Co., second; both with White Killarney.

Fifteen new pink roses, W. J. & M. S. Vesey, first, with My Maryland.

Fifteen new red roses, W. J. & M. S. Vesey, first, with Rhea Reid.

Carnations.

Fifty white carnations, Chicago Carnation Co., first, with White Perfection; H. J. Weber & Sons Nursery Co., second; W. J. & M. S. Vesey, third; the two latter with White Enchantress.

Fifty light pink carnations, Chicago Carnation Co., first, with Enchantress; J. F. Ammann, second, with Rose-pink Enchantress; H. J. Weber & Sons Nursery Co., third, with Enchantress.

Fifty dark pink carnations, A. C. Brown, first, with Sangamo; Chicago Carnation Co., second, with Alvina; W. J. & M. S. Vesey, third, with Afterglow.

Fifty red carnations, Chicago Carnation Co., first, with Victory; W. J. & M. S. Vesey, second; Mueller & Schroeder, third; the two latter with Beacon.

Fifty carnations any other color, Chicago Carnation Co., first, with Conquest.

Five vases of carnations, five varieties, fifty blooms each, W. J. & M. S. Vesey, first, with Enchantress, R. Craig, Winsor, White Perfection and Lawson; Chicago Carnation Co., second, with White Perfection, Beacon, May Day, Enchantress and White Enchantress.

Fifty carnations, competition open to growers of St. Louis and vicinity only, H. J. Weber & Sons Nursery Co., first; J. F. Ammann, second; Charles D. Hecht, third.

Twenty-five carnations, seedling not yet disseminated, Chicago Carnation Co., first, with Conquest and Sangamo.

Twenty-five new white carnations, W. J. & M. S. Vesey, first, with Sarah Hill.

Twenty-five new pink carnations, J. F. Ammann, first, with May Day.

Twenty-five new red carnations, J. F. Ammann, first, with O. P. Bassett.

Chrysanthemum Cut Blooms.

Fifty chrysanthemums, five varieties, ten blooms in a vase, E. G. Hill Co., first, with Eaton, F. S. Vallis, Golden Wedding, John Lemon and Souvenir de Mme. Manoir; Fred H. Lemon & Co., second, with Rousseau, Percy Plumridge, Nellie Simon, Jossier and O. H. Broomhead; W. J. & M. S. Vesey, third, with Roosevelt, Laurent, Mlle. Donellat, Mary Mann and Robinson.

One hundred blooms, W. J. & M. S. Vesey, first.

Twenty-five blooms, white, E. G. Hill Co., Richmond, Ind., first, with Timothy Eaton; Fred H. Lemon & Co., Richmond, Ind., second, with Chadwick Improved; J. F. Ammann, Edwardsville, Ill., third, with White Bonnaffon.

Twenty-five blooms, yellow, E. G. Hill Co., first, with Golden Eagle; Fred H. Lemon & Co., second, with Yellow Eaton; J. F. Ammann, third, with Percy Plumridge.



Flower Show at Kearney, Neb.

Twenty-five any other color, E. G. Hill Co., first, on O. H. Broomhead; F. H. Lemon & Co., second, with A. J. Balfour; W. J. & M. S. Vesey, third, with Montford.

Ten blooms, pink, W. J. & M. S. Vesey, first, with Dorner's No. 7.

Fifty chrysanthemums, blooms on mossed boards, E. G. Hill Co., first.

Display of pompon or anemone and single varieties, F. H. Lemon & Co., first; Koenig Floral Co., second; E. G. Hill Co., third.

Retail Exhibits.

Chrysanthemum dining-room decoration, C. Young & Sons Co., first; F. H. Weber, second; Fred C. Weber, third.

Basket of roses, Theo. Miller, first; F. H. Weber, second; C. Young & Sons Co., third.

Basket of carnations, Theo. Miller, first; C. Young & Sons Co., second; Ellison Floral Co., third.

One hundred roses arranged for effect, Koenig Floral Co., first; Theo. Miller, second; F. H. Weber, third.

Fifty chrysanthemum blooms arranged for effect, E. G. Hill Co., first; W. J. & M. S. Vesey, second; F. H. Weber, third.

Bride's bouquet of lily of the valley, C. Young & Sons Co., first; F. C. Weber, second; J. F. Windt, third.

Floral display, Theo. Miller, first; C. Young & Sons Co., second; Ellison Floral Co., third.

In addition to the regular premiums the sum of $100 was set aside for a new and meritorious exhibit, which went to Theo. Miller with a handsome fruit plaque on a large easel with chrysanthemum accessories.

Display of 1,000 violets, C. Young & Sons Co., first; F. H. Weber, second.

Plants.

New and meritorious plant, F. R. Pierson, S. A. F. bronze medal for Nephrolepis elegantissima compacta.

Pair of standard bay trees, C. Young & Sons Co., first; E. L. Loyet, second.

Display of decorative plants, William Schray & Sons, first; E. L. Loyet, second.

Begonias, one or more varieties, J. A. Peterson, of Cincinnati, first; C. Young & Sons Co., second.

Eighteen berried plants, Koenig Floral Co., first; Sanders Nurseries, second; F. J. Fillmore, third.

Twenty-five blooming plants, chrysanthemums excluded, William Schray & Sons, first; Sanders Nurseries, second; F. J. Fillmore, third.

Twelve geranium plants in bloom, Koenig Floral Co., first; F. J. Fillmore, second.

Specimen palm, William Schray & Sons, first; E. L. Loyet, second.

Specimen fern, William Schray & Sons, first; C. Young & Sons Co., second; E. L. Loyet, third.

Blooming plants other than chrysanthemums, Koenig Floral Co., first; J. A. Peterson, second; William Schray & Sons, third.

Fern dish, William Schray & Sons, first; Sanders Nurseries, second.

Pair of hanging baskets, William Schray & Sons, first.

Group of variegated foliage plants, William Schray & Sons, first; Sanders Nurseries, second.

Group of chrysanthemum plants, Koenig Floral Co., first; Sanders Nurseries, second; C. Young & Sons Co., third.

Twelve chrysanthemum plants, pompon, anemones or single varieties, Koenig Floral Co., first; C. Young & Sons Co., second; Sanders Nurseries, third.

Twenty-five chrysanthemum plants grown to single stem, Vaughan's Greenhouses, first.

Three specimen chrysanthemum plants, any color, Koenig Floral Co., first; Sanders Nurseries, second.

White specimen chrysanthemum plant, Vaughan's Greenhouses, first; Sanders Nurseries, second.

Yellow specimen chrysanthemum plant, Vaughan's Greenhouses, first; Sanders Nurseries, second.

Specimen chrysanthemum plant, any other color than the above, Vaughan's Greenhouses, first; Sanders Nurseries, second.

Collection of evergreens, Sanders Nurseries, first.

The Shaw gold medal was not awarded, as the judges did not think the entries worthy.

A. C. Brown, Springfield, staged for exhibition Carnation Sangamo and a pink seedling, Clara Mae.

J. A. Peterson's new begonia attracted a great deal of attention. Henry A. Dreer's plants of Acanthus montanus were also an attraction, as was F. R. Pierson's new fern.

Visitors.

The visitors at the show were:

Vesey, Mr. and Mrs. W. J., Fort Wayne, Ind.
Peterson, Mr. and Mrs. J. A., Cincinnati, O.
Maynard, Mr. and Mrs. C. H., Detroit, Mich.
Kuhl, Mr. and Mrs. George A., Pekin, Ill.
Rudd, W. N., Chicago, Ill.
Asmus, George, Chicago, Ill.
Coles, W. W., Kokomo, Ind.
Valentine, J. A., Denver, Colo.
Knopf, Charles, Richmond, Ind.
Hill, Mr. and Mrs. Jos., Richmond, Ind.
Pyfer, A. T., Joliet, Ill.
Skidelsky, S. S., Philadelphia, Pa.
Karins, J. J., Philadelphia, Pa.
Bertermann, I. C., Indianapolis, Ind.
Vesey, Miss M., Fort Wayne, Ind.
Jack, Mr., Springfield, Ill.
Brown, A. C., Springfield, Ill.
Ammann, J. F., Edwardsville, Ill.
Ammann, Misses, Edwardsville, Ill.
Lautenschlager, Fred, Chicago, Ill.
Heini, Joseph, Jr., Jacksonville, Ill.
Widmer, M. F., Highland, Ill.

KEARNEY, NEB.

There is an idea for other florists in small towns in the success which attended the exhibition given this year at Kearney, Neb. The ladies of the Twentieth Century Club were anxious to have some sort of an autumn festival and decided to give a flower show in co-operation with the Kearney Floral Co. It was, of course, up to the florist to provide most of the stock and to do the work of making an attractive exhibition, but the ladies took charge of the publicity end of the proceedings and provided the attendance. The City hall was engaged, and the ladies gave a supper on the

opening night in an adjoining church parlor. A ticket to the supper admitted also to the flower show and the ladies sold tickets throughout the town for days in advance. In addition to the cut blooms and plants of the florists, there was a large display of amateurs' plants and Ed Williams, of Grand Island, was called in to judge. The Kearney Floral Co. thinks this exhibition did more in an advertising way for the flower business than anything which has happened in that community for years, and it is an affair which can be duplicated by any enterprising florist.

WASHINGTON.

Sunday night, November 14, the annual flower show given by the Washington Florists' Club came to a close, this exhibition proving to be the most satisfactory in the history of the club. On Sunday afternoon and evening Pistorea's band rendered sacred selections, which were greatly appreciated by the large attendance. All day long on Saturday and Sunday the hall was crowded, the attendance being a great deal larger the latter part of the week than at the opening.

The table decorations in the small room were quite a drawing card, there being table and mantel work by a number of retail florists.

Tuesday, November 9, members of the Baltimore Florists' Club paid a visit to the show. Those in the party were John Perry, Charles Seybold, Frederick Bauer, George Clutch, Frederick Boone, Isaac Moss, Matthew Richmond, James Glass, Philip Welsh, James Hamilton, Charles Wagner, Edward Seidewitz, Conrad Hess, John Nutz and Charles Cooke. The party returned much pleased with the trip.

Geo. C. Shaffer's displays were among the most attractive. Besides decorating the pagoda in the center of the hall, Mr. Shaffer had a table and mantel decoration. On the opening days the table was decorated with yellow pompons, then changing to valley and orchids, producing an effect which was extra good, something unique and out of the ordinary in the arrangement. The mantel was decorated with adiantum and Baby mums.

Directly across the room was the arrangement of W. Marche, this being a large group of palms on each side of a stand on which Mr. Marche had various arrangements of fancy baskets and vases, changing them completely each day. Mr. Marche also had a table decoration, something different from almost anything else in the hall, a tall vase of odd single white mums in the center, with small arrangements of red bouvardia at each plate, the effect being excellent. A shower bouquet caused quite a bit of comment.

Mayberry & Hoover, besides showing a fine group of palms in the large hall, came in with a handsome table piece of Killarney roses.

Geo. Cooke's table of yellow pompons in a number of different arrangements was most attractive, one especially so, an immense shower, with adiantum and pompons on the cloth. Mr. Cooke's mantel to correspond with the table was good, made of yellow pompons and adiantum, with yellow ribbon used lavishly. In the main hall some large mums were displayed by Mr. Cooke.

The Washington Florist Co. had quite a showing of plants, in which some fine stock was seen, especially palms. A lot of Araucaria excelsa and dracænas formed a fine group. In the foreground two large Italian marble vases filled with Golden Wedding mums were conspicuous. This firm's new rose, Mrs. Taft, has proved to be quite a favorite.

In the display of Gude Bros. Co. the main attraction was a large mill with chrysanthemums and Beauties in the foreground.

Henry A. Dreer, Philadelphia, represented by J. J. Goudy, was on hand as usual with a fine lot of stock, showing plants of the commercial varieties, among them the new crested Scottii, Nephrolepis Scholzeli.

Edward Schmidt had quite a lot of miscellaneous stock, including bulbs, air plant, goldfish and white mice.

W. S. Clark showed some fine single chrysanthemums.

Fred H. Kramer's display consisted mostly of his new rose, Queen Beatrice, and was well taken to by the public. Mr. Kramer also showed fine mums.

W. W. Kimmell had in his exhibit a large number of Baby mums.

J. W. Dudley & Son, of Parkersburg, W. Va., were here with a fine lot of Silver Wedding mums, the only ones in the show.

R. Vincent, Jr., & Sons Co., White Marsh, Md., had the largest and most complete display of pompons. W. F.

PROVIDENCE, R. I.

The annual exhibition of chrysanthemums, carnations, orchids and roses by the Rhode Island Horticultural Society was held November 12 and 13 at the Churchill House. While not so large as previous shows, the quality of the blooms was somewhat better than usual. The largest single exhibitor was John Macrae, who took most of the awards. Fred S. Peck had a fine display from his private residence, a vase of Appleton being without exception the finest mums ever shown in this city. Albert Holscher also had some fine Appleton. Other exhibitors were John Gerrard, of Bristol; Mrs. E. A. Pierce, F. Macrae Sons, Mrs. S. F. Paine, Miss Bessie Paine, William A. Steele, B. A. Holbrook.

One of the features of the exhibition was a display of Japanese evergreen planting and miniature fancy bedding by William Appleton. This is the first display of the kind ever attempted in this city. The landscape garden occupied one corner of the main hall and Mr. Appleton received many compliments. The show was benched under Mr. Appleton's directions. W. H. M.

WORCESTER, MASS.

The annual chrysanthemum show of the Worcester County Horticultural Society was held in the society's hall November 11, and brought out a goodly number of entries. Admission being free and the weather fine, a large and appreciative crowd attended. It would be interesting to see the result if a charge was made.

The prizes offered by the society are worth competing for, but outside of H. F. A. Lange and the Worcester Conservatories, who took first and second premiums for decorative groups in the order given, there was not much competition. H. F. Littlefield and C. D. Mackie staged well, but the stipulation of growing the stock exhibited barred them from competing.

H. F. A. Lange had some grand mums, showing a large assortment of singles, also the yellow pompon, Savannah, which is a good seller all through the east. Mr. Lange says the sale of the single varieties does not warrant growing many. He will cut down the list.

The Worcester Conservatories had roses and carnations that surprised many, they were so fine. George McWilliams, of Whitinsville, was a large private exhibitor and had a lot of choice stock. He also acted as judge.

The display of fruit was good—not so extensive as usual, but of excellent quality. M.

TORONTO.

The sixth annual exhibition of the Ontario Horticultural Society was held here November 9 to 12 and in both fruits and cut flowers brought out a larger showing than ever before. The trade was well represented in the classes for miscellaneous plants and cut blooms of chrysanthemums, roses and carnations, also for retail displays. The principal exhibitors were the Dale estate, D. F. Collins, W. Jay, Thomas Manton, T. Pewtress, R. Jennings, W. Lawrence, J. H. Dunlop and the Steele, Briggs Seed Co.

AUGUSTA, GA.

The Georgia-Carolina fair featured floriculture this year more than ever before, a liberal premium list being provided to bring out a larger number of exhibits than usual. The principal exhibitors were the Boatwright Floral Co., which had sixteen premium-winning entries, and the P. J. Berckmans Co., which was awarded ten premiums. Other trade exhibitors were Balk's Nursery and W. K. Nelson. The quality of the plants was better this year than ever before, the chrysanthemums, both plants and cut blooms, being especially good.

NEW YORK.

The American Institute show, which opened November 10, in conjunction with the C. S. A., was, from the standpoint of quality of blooms, the finest ever held in New York city, which simply goes to prove that the C. S. A., wherever it holds its meetings, carries with it the endorsement of the best growers in the country.

The blooms of Merza, as staged by Proctor and Turner, for size and splendid finish have perhaps never been equaled, the former winning first for twenty-five white, and the latter capturing the coveted C. S. A. cup, for ten flowers of this popular variety.

William Turner was successful in capturing twelve or thirteen first prizes, which included the thirty varieties, short stems, and more of the vase class. His ten yellow, which were Mary Donnellan, took everyone's eye, and Appleton no longer has a chance in an exhibition with flowers of Donnellan, such as Mr. Turner staged.

Thomas W. Head, of Groton, Conn., staged Pockett's Crimson in the best shape that I have seen it anywhere this year, foliage and flower being alike magnificent. He deservedly won the Wells gold medal with six wonderful flowers of this variety. Harry Turner, of Port Washington, L. I., won the Wells silver medal.

The date of the show was too late for many of the varieties that were shown

in splendid condition one or two weeks ago, but there were still plenty of varieties to make a show that crowded the hall to the doors.

The largest flower in the show was Onunda, a new variety raised by William Duckham, of Madison, N. J., and staged by him in the class for six, any white variety. The color is not a pure white; it shades more toward a cream, and many of the judges thought the flower coarse, but this flower was, without exception, the largest flower that has ever been staged at an American show, when one combines breadth and depth. A tape placed around the flower showed a circumference of forty-three inches. Many of the visitors, looking at it, exclaimed, "What next?"

Thos. W. Head set up Mrs. O. H. Kahn in splendid condition for the Totty prize, and the same exhibitor captured many of the prizes in the vase class.

The classes for anemones were well filled. James Bell, of Garrison, N. Y.; Joseph Kennedy, of Red Bank, N. J., and Francis Milne, of Mamaroneck, N. Y., were among the principal exhibitors.

Bush plants were also a splendid feature of the show. W. H. Waite, of Yonkers, N. Y., was the principal winner in this class. In the competition for the Vaughan prize, which he won, his splendid plant of Annie Laurie was deserving of special mention.

Chas. H. Totty staged a table of singles and individual flowers of next year's novelties, which were much admired.

Other non-competitive exhibits were staged by R. Vincent, Jr., & Sons Co., who set up several hundred varieties of pompons in excellent condition, and some fine exhibits were also made by Thomas Meehan & Sons, Germantown, Pa. These exhibits created as much interest in their way as anything in the show.

The Stumpp & Walter cup was won by William Duckham with fine Miriam Hankey, and the Buckbee cup for American seedlings was captured by Elmer D. Smith & Co.

It is impossible to enumerate all the prize winners, but the quality of the flowers staged will long be remembered.

At the meeting of the C. S. A., held during the evening, the old officers were reëlected, the only change being the substitution of Eugene Dailledouze for Harry Turner as vice-president.

Several ways and means were discussed as to increasing the usefulness of the society. Among others was a suggestion from the president that he be permitted to appoint committees at flower shows, to judge seedlings that might be exhibited, but such committee to consist of members of the C. S. A. This was adopted.

An interesting paper was read by I. T. Powell, of Millbrook, N. Y., and several of his suggestions will probably be adopted in the near future.

The question of a meeting place for next year was left to the executive committee, with power. Invitations were read from Boston, the Morris County Gardeners' and Florists' Society, the New York Horticultural Society and St. Louis. So long as there is this rivalry for entertaining the C. S. A., its members need have little fear of the future.

W. Wells, of Merstham, England, was present and gave the members an interesting talk on the behavior of American varieties in England. He also told how the Australian varieties, as grown in America, had impressed him. He endorsed the methods of the C. S. A., in its system of scoring varieties at shows so that only the most deserving gained recognition. By his statement, many of the Australian varieties are much finer, as shown in America, than they are under England's climatic conditions. He was particularly impressed with the splendid vases of Merza which he had seen at the different shows, and regretted the fact that it made a poor showing when grown in England.

PHILADELPHIA.

David Rust, secretary of the Pennsylvania Horticultural Society, succeeded in having all the prizes placed on the exhibits at 6 p. m. on the opening day of the show, two hours before the public was admitted. This is a feat to be proud of, in face of the unusual lateness of the exhibitors in staging their plants and flowers. One exhibitor, John McCleary, made eighty-four entries, several of them elaborate displays, making it impossible for him to finish staging his exhibits on time, with the limited force of employees at his disposal.

The show was held November 9 to 12 and was the largest in a number of years. It was replete with interesting plants and flowers. The quality of the cut blooms of chrysanthemums was superb; personally, I am inclined to think they were better than I have ever seen in Horticultural hall, though this may not be the general verdict. The quality of the chrysanthemum plants evidenced that they were too costly or cumbersome, or insufficiently prized, to bring out the best efforts of the growers. The feature of the chrysanthemum plant exhibit was the dozen or more plants of the single varieties, which promise to revolutionize the taste for chrysanthemums in this city.

The specimen ferns were of the highest merit. There were three splendid displays of orchids and several novelties of unusual interest. Taken as a whole, the show reflected credit on the management and on the exhibitors, especially the private gardeners, who made the affair a distinct horticultural success.

The space at the foot of the grand stairway was filled by an immense specimen fern, six or seven feet tall and proportionately broad, one of Thomas Long's triumphs, which was awarded by the judges the prize for the best foliage plant in the exhibition. Flanking this masterpiece, two on either side, were four of the best specimen chrysanthemum plants. The yellow was Golden Age; the white, Gerald Foster (it seems to me this was the first time the variety had been shown here), and there were two pinks, Dr. Enguehard.

The stairway was ornamented on both sides with superb vases of cut blooms of specimen chrysanthemums, twenty-five in each. Among these, Nellie Pockett was prominent. At the top, in the post of honor where the stairway divides, was a group of the new crested fern, Nephrolepis Scholzeli, from Henry A. Dreer, including a great specimen, the original plant, I fancy, with medium and smaller plants in front, all well grown. To the right and left, lining both sides of the smaller stairway, were vases; then 6-inch pots of mums, with a specimen bloom on each; a feature was the pink Viviand-Morel, exhibited last year for the first time by Heck Bros., Wyomissing, Pa. At the top of the stairway, on either side, were superb vases of roses from Edward Towill, Hillside, Pa.; one was My Maryland, with flowers like Beauties in size, the other Sunrise, a variety rarely seen, which Mr. Towill is growing for variety's sake.

The center of the main hall was filled with the specimen plants of chrysanthemums and the first prize winning group of foliage plants, a 10-inch Cocos Weddelliana adding grace. The right-hand wall, nearest the door, was filled by a long table of orchids in bloom, arranged with ferns. This exhibit, one of the features of the show, was from John H. Dodds, gardener to John Wanamaker, and the varieties and arrangement won admiration. Next came two groups of crotons, with an intervening exhibit; there were eight plants of each, all specimens, the exhibits being in marked contrast. In the first the plants were of great size, very leafy; in the second they were dwarfer, though large and highly colored. The prizes were reversed.

Two groups of flowering and foliage plants, arranged for effect, followed. The first was made up of superb material, specimen blooms of chrysanthemums in 6-inch pots, cattleyas, Easter lilies, lily of the valley and bouvardia, with a glorious areca and graceful palms and ferns at back and edge. These were from Samuel Batchelor. The second group, a masterpiece in arrangement, was fully fifteen feet high, a wooden staging being depended upon for height, rather than size of plants. The quantity of green, especially arecas, gave grace. Yellow and white mums, oncidiums and Dracæna Godseffiana were conspicuous. The effect produced was that of a canopy, suggestive of a betrothed couple receiving. This was John McCleary's. The order of the prizes was again reversed. The right-hand corner was filled by a group of hardy pompons, in fifty or more varieties, from the Overbrook Gardens (Edward A. Stroud's modesty did not permit his name to appear). This group attracted much attention, with the pink sport from Garza in the post of honor.

The stage was completely filled by Henry A. Dreer's palms and ferns; all choice varieties, well grown, with but one or two specimens of each. Phœnix Roebelenii and Cocos Weddelliana in specimen sizes, a well colored variegated pineapple (Ananassa sativa variegata), and a nicely fruited plant of the Otaheite orange, were features. This exhibit was in charge of John S. Hay. Beyond the stage was a table containing a baker's dozen plants of Begonia Gloire de Lorraine in a variety of sizes, all perfect specimens, full of flowers, from the Robert Craig Co. Next, a table from the same exhibitors of handsome cyclamens in many colors, with one grand plant, Nephrolepis Scholzeli.

Julius Roehrs Co., Rutherford, N. J., sent a showy collection of orchids in bloom, Cattleya labiata being especially admired. A variety of Cypripedium insigne, Harefield Hall, was large flowered and parti-colored. Croton F. Sander, green and gold, beautifully colored, completed this fine exhibit. Two exhibits of foliage plants from private gardeners contained specimen Pandanus Sanderi in the center, both well enough grown to please the most critical. Then came Lager & Hurrell's exhibit, from Summit, N. J., containing thirty-seven varieties of orchids in bloom, many of them rare plants of value, the balance well known commercial varieties in fine form. This, the largest orchid exhibit in the hall, was in charge of George Strange.

W. H. Ritter had a table of tiny cacti,

(Continued on page 40.)

CHRYSANTHEMUMS

MUMS FOR EXHIBITION.

[A paper by Thomas Proctor, superintendent of Blantyre Gardens, Lenox, Mass., presented to the Chrysanthemum Society of America at New York, November 10.]

The cultivation of the chrysanthemum for the production of exhibition blooms is accomplished by several different methods. For years some of our most prominent growers have demonstrated that good exhibition blooms can be produced by what we term the bench system of culture, and others have equally good results growing their plants in boxes. I venture to say, however, that the cultivator who has the time at his disposal to give his plants the necessary care and attention will produce a larger percentage of exhibition blooms by growing his plants in pots against an equal number in either bench or boxes.

As far as my own experience goes, relative to the above three systems, I have given each what I consider a fair trial by devoting an equal space in the chrysanthemum house to each system, and with the exception of two varieties I have invariably found that the plants grown in pots produced by far the better blooms. The reason is obvious; the plants are under control. The exceptions referred to above are Beatrice May and Merza, which with me do better in boxes.

And, as each cultivator has his own particular way in growing his plants, I will endeavor to state briefly our method of culture in pots for the production of exhibition blooms, and will commence with the treatment of plants after flowering.

As soon as the plants have finished flowering, the stems are cut back to within a few inches of the top of the pots. Selecting the required number of the different varieties for the future production of cuttings, we prepare one of the side benches in the chrysanthemum house by filling in to the depth of about five inches with a mixture of the following: Two parts loam, one part each leaf-mold and sand, and a sprinkling of soil is shaken from the roots and they are planted firmly in this, and afterwards given a good watering to settle the compost. The plants respond well to this treatment by giving us a plentiful supply of cuttings.

Treatment of the Cuttings.

Most of the cuttings will be in the sand by the middle of January. They are rooted, without the aid of bottom heat, in a night temperature of about 45 degrees, when in from three to four weeks a majority of the varieties will be rooted and ready for a shift into 2½-inch pots, the compost consisting of leaf-mold and sand with a little fine loam added. They are still retained in the above temperature until they have filled their pots with roots, when they are shifted into 4-inch pots.

The compost for this is two parts loam, half a part each old mushroom bed manure and leaf-mold and a sprinkling of Clay's fertilizer and hard wood ashes, all passed through a ½-inch screen. When potted they are transferred to one of the side benches in the chrysanthemum house, where they receive plenty of light and air with a night temperature of about 40 degrees. After again filling their pots with roots they are shifted into 6-inch pots.

The compost for this is three parts good fibrous loam, half a part each old mushroom bed manure, lime rubble and half-decayed leaves, with a handful of Clay's fertilizer and soot added, passed through a 1-inch screen. Along about the first or second week in May the plants will be ready for their final shift into 8-inch pots.

The Final Shift.

The compost for this is four parts good, rough, fibrous loam, one part each of charcoal, lime rubble and half-decayed leaves, half a part of crushed bone with a few handfuls of Ichthemic guano and soot added. When thoroughly mixed the plants are firmly potted in this, leaving about two inches for top-dressing.

Sometime in June the plants will make their first break. The bud is rubbed off and one of the best shoots selected to continue the growth. Most of the plants will again break in July, when the bud is rubbed off and the best shoot selected, as before, to continue. The first bud that appears in August is secured. Buds taken from August 5 to 15 give us the best results.

Feeding commences as soon as the pots

[Continued on page 44.]

TWO OF THE NEW MUMS.

Wells' Late Pink is a large, handsome flower, with fine foliage, Lady Hopetoun shade, but the stem is easily able to carry the flower erect. It is too late for the early shows, but fine for later ones, or for the commercial grower.

W. Mease is a rosy pink flower, large and spreading. This is a splendid addition to the section to grow for exhibition in the collections of twenty-four or more varieties; a dwarf grower with fine foliage. This will be a popular variety. C. H. Totty.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

At Philadelphia, October 30, Elmer D. Smith & Co., Adrian, Mich., exhibited No. 227-1, deep golden yellow, shaded bronze, Japanese reflexed. It scored as follows: On the commercial scale — Color, 18; form, 13; fullness, 9; stem, 12; foliage, 13; substance, 13; size, 9; total, 87. On the exhibition scale—Color, 9; stem, 3; foliage, 4; fullness, 14; form, 13; depth, 12; size, 30; total, 85.

At Cincinnati, November 6, Elmer D. Smith & Co., Adrian, Mich., exhibited the following chrysanthemums: Clorinda, bronze pompon, scored 89 points; Red Light, single, scarlet maroon, scored 77 points; Arlee, single, three to four inches, terra cotta, scored 87 points.

At New York, November 6, Heck Bros., Wyomissing, Pa., exhibited Hawthorne, light pink, Japanese incurved. On the commercial scale it scored as follows: Color, 17; form, 13; fullness, 7; stem, 14; foliage, 14; substance, 13; size, 7; total, 85.

At Philadelphia, November 6, Heck Bros., Wyomissing, Pa., exhibited Hawthorne, light pink, Japanese incurved. It scored as follows: On the commercial



Chrysanthemum W. Mease.

scale—Color, 17; form, 13; fullness, 9; stem, 13; foliage, 13; substance, 13; size, 8; total, 86. On the exhibition scale—Color, 8; stem, 4; foliage, 4; fullness, 14; form, 13; depth, 12; size, 30; total, 85. C. W. JOHNSON, Sec'y.

Annual Meeting.

The eighth annual meeting of the Chrysanthemum Society of America was held Wednesday evening, November 10, at 20 West Forty-fourth street, New York, with President Elmer D. Smith in the chair. All the old officers were elected, except vice-president, Eugene Dailledouze receiving that honor, Harry Turner retiring. W. Wells, of Merstham, England, was unanimously elected a member of the society. Arthur Herrington filled the secretary's chair in the absence of C. W. Johnson. Robert Rutter, president of the American Institute, gave the address of welcome. He declared the desire of the Institute to cooperate with the Chrysanthemum Society in the holding of an exhibition in the future in Madison Square Garden, that should eclipse anything ever seen in New York. The present rooms of the Institute are entirely inadequate for exhibitions of any kind. President Smith's address and the paper by I. L. Powell were both interesting and able efforts, and have already appeared in the columns of the REVIEW.

The horticultural societies of St. Louis and New York and the Morris County Gardeners' and Florists' Society, of Morristown, N. J., tendered invitations for the meeting of 1910, the latter society announcing through William Duckham a guaranteed premium list of $3,000 from a gentleman of that city. C. H. Totty also presented an invitation by request from the Massachusetts Horticultural Society, Boston. The decision was left in the hands of the executive committee.



Chrysanthemum Wells' Late Pink.

W. Wells gave an interesting address. Thomas Proctor's paper on the "Pot Culture of the Mum for the Production of Exhibition Blooms," was, in his absence, ordered printed in the record of the proceedings.

J. AUSTIN SHAW.

SEASONABLE SUGGESTIONS

Cyclamen.

A few flowers will now be opening on the earliest cyclamen plants, and if these are kept in a night temperature of 50 degrees they may make nice, salable stock for Thanksgiving. The plant demand at that time is lighter than at Christmas, but even if any plants in bloom do not sell at the earlier holiday they will be in even better shape for the later one. Do not try any forcing tactics in an endeavor to get plants into bloom which seem backward. You may get the flowers, but they will be lanky and spindling and will not stand up stiffly above the foliage as when grown under cooler conditions. We have now removed all shading from our plants and for the next three months none should be necessary. Of course, in the case of plants with the flowers well expanded, they will hold better if the glass is clouded. Cheesecloth as a shade is preferable to whitewash on the glass.

Be sure not to crowd the plants. Each plant should be so spaced that it does not touch its neighbor. Continue to afford weak doses of manure water to all plants which have the pots well filled with roots. Cow manure and Clay's fertilizer are reliable fertilizers. Bon Arbor is also splendid for promoting leaf growth. If thrips makes an appearance, spray with a nicotine solution every day for a week. One application or even two will not clean it out. If leaves and flower buds show by their twisted, malformed, spotted and generally sick appearance unmistakable evidence of the mite, it is better to throw away every plant having traces of it. Many a fine batch is ruined each year by this disease and we are still without a real remedy for it. Certainly it is disheartening to grow along a few hundreds and thousands of cyclamen and then have to sacrifice the whole lot.

The little seedlings to flower a year hence will now be making rather more rapid headway. They should be either transplanted to shallow flats or potted off singly. We like the flat method a little the better, as the soil is less liable to dry out. Be sure the compost is light, with plenty of rather flaky leaf-mold and sand, and let the soil be pressed lightly. A temperature of 45 to 50 degrees at night, a position well up to the light and free ventilation is what these little plants want now.

Cinerarias.

Christmas is a trifle early to have cinerarias in bloom. We have this season a batch in 6-inch pots, which promise to be well flowered at that time. These are now being well fed, shaded from direct sunlight and in a house averaging 45 degrees at night. Later plants will need some attention in regard to potting. They speedily fill pots with roots and it is unwise to allow any shifting to larger receptacles to be delayed. Pot firmly at the last shift, and for compost use two-thirds loam and one-third old, dried cow manure. A little fine bone may be added also, a 4-inch potful to two bushels being sufficient. Grow cinerarias cool and airy all the time. They prefer an atmosphere rather damp than dry. Growing, as they do, rapidly at this season, they will require a fresh stand every week. Of course, spraying with nicotine or fumigation is a necessity to keep aphis in check.

Where plants are not wanted in flower before February or March, they will grow capitally in frames until December, provided they are well protected at the sides and over the glass. Anything just clear of freezing will suit cinerarias and they will stand even two or three degrees of frost if allowed to thaw out in the dark.



ROSES FOR EASTER FORCING.

[A paper by George A. Robinson, of Montreal, Can., read at the twelfth annual convention of the Canadian Horticultural Association, in Toronto, November 11, 1909.]

I suppose every grower of pot plants for Easter includes in his list pot roses and generally finds them among the most difficult subjects to handle for that particular holiday. They last in flower so short a time that careful manipulation is necessary to have them in perfect condition for a given date. But what more glorious sight than a bench of well flowered rose plants? The hybrids with their gorgeous colors and delicate perfume, the ramblers' immense clusters of bloom and the polyanthas' dainty pink or white flowers appeal to everyone and are probably more admired than any other flower at this spring holiday.

These three sections are the principal ones for Easter forcing. Hybrids are the most important. These are shipped into this country in large quantities every spring and fall from the British Isles and Holland. The Holland roses are entirely unsuited for pot culture, being budded foo high on the stem; they consequently make unsightly pot plants. The British roses, being low budded, make excellent pot plants.

Hybrids.

Plants imported in the spring should be potted up as soon as possible, selecting the largest and strongest for single plants. These will require a 6-inch pot. The smaller and more unshapely plants can be put, two or three together, in a 7-inch pot and they will make elegant specimens. They should be pruned back hard, placed on or plunged in a bed of ashes outside and allowed to break naturally. They make a sturdier and hardier growth than if started in the greenhouse and put outside later in the summer. Water liberally during the summer months, with frequent syringing to keep down thrips and red spider. As the season advances and wet weather sets in, the pots should be raised, placed on boards and kept on the dry side, to insure thorough ripening of the wood. This is the one essential point in all forcing roses.

The fall imported plants will force fairly well, but will not give as much satisfaction as pot-grown ones. These should be potted up on arrival, rather than heeling them in until wanted to force, and should be placed in a root house or coldframe until time to start. They will require two or three weeks longer to get into bloom than the established plants.

There are only a few varieties of hybrids really worth forcing. The best of all are Magna Charta, dark pink; Mrs. John Laing, light pink; Brunner and Jacqueminot, red, and Frau Karl Druschki, white.

American Beauties are very satisfactory pot plants for Easter forcing; that is, if they are well grown and properly timed. Procure some plants from the cut flower growers when they are throwing them out in June. Pot them up, but do not prune them at all. Keep them in the greenhouse until well established, when they should be stood outside and treated like hybrids.



Building of the McCallum Co.

Ramblers.

The rambler varieties force more easily and flower more freely if pot-grown, especially the small sizes, but two or three old plants dug in November, potted up at once and kept cool until time to start them, will flower satisfactorily if the weather has been favorable for ripening the wood during the fall. Crimson Rambler, Dorothy Perkins, Lady Gay and Wedding Bells are among the freest bloomers and best colors for Easter. One-year-old ramblers used to be extensively grown around here for Easter forcing, but it was always a speculation as to whether they would flower, and with the advent of the Baby Ramblers they are no more needed.

Baby Ramblers do not need to be pot-grown. Freshly imported plants, or plants lifted from the field in the fall, root and break away as freely as if they had been established in pots. This variety I consider the most valuable of all the roses for forcing at this season of the year. Two-year-old plants, potted one in a 6-inch or two or three in a 7-inch pot, make elegant plants, which retail at $1.50 to $4 each. They require but little pruning, as they break freely from any part of the old growth, whether ripened or not, thus enabling you to grow tall, medium or dwarf plants from the same stock.

Polyanthas.

The polyantha section has not given us any good Easter varieties as yet, apart from Clothilde Soupert, but I think it is our own fault, for they have not been given a thorough trial. They are free blooming, as a rule, easily handled and should prove useful if the right varieties could be procured.

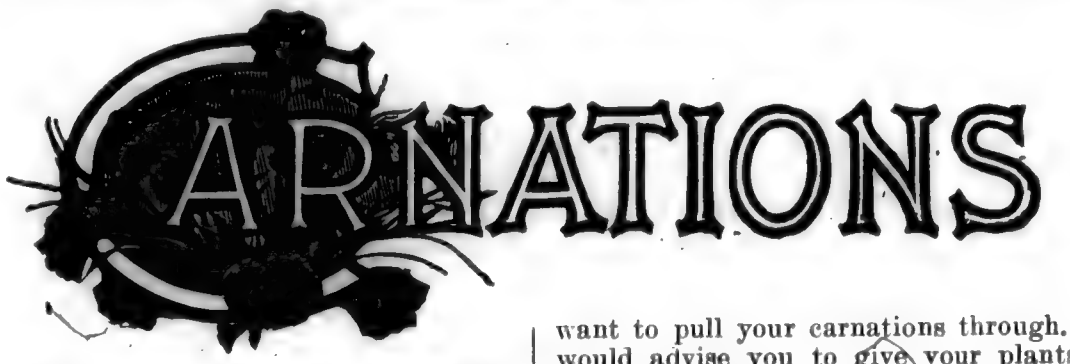
In this latitude it is necessary to give pot-grown roses a slight protection until time to start them into growth. During November they should be stored in a cold root house, or laid on their sides covered with boards and some litter, first being sure that they are well soaked with water, or the roots will suffer. When brought in they should be pruned, not too severely, and top-dressed, using cow manure, Thompson's manure, Clay's fertilizer or any animal manure you are accustomed to, mixed in reasonable proportions with good soil.

They should be started in a cool house, about 45 degrees, and the temperature gradually increased as growth advances. Hybrids and Beauties require from ten to twelve weeks to get them in flower, Crimson Ramblers about twelve weeks and Dorothy Perkins about two weeks longer. Baby Ramblers need about twelve weeks to get them in flower.

Always remember that freshly potted plants need about two weeks longer to make roots than pot-grown plants. It is far better to start in time and grow them moderately cool than have to force them at the last minute. The blooms will be of better substance and color and will give more satisfaction to the store man and purchaser.

THE McCALLUM STORE.

Reproduced on this page is the photograph showing the building of the McCallum Co., Pittsburg, which is not old in the business, but which is pushing along and makes an excellent showing with its establishment. It looks like business.



HISTORY OF DOROTHY GORDON.

At the meeting of the Philadelphia Florists' Club November 2, Joseph Heacock gave the story of the new carnation, Dorothy Gordon, in the following words:

"Dorothy Gordon owes its existence to the enterprising efforts at hybridization of one of the members of this club, Edwin Towill, who six years ago used the pollen from a Lawson flower on an Enchantress and the next spring sowed the seed. Two years ago we were short of plants for our houses. My son, who had recently been at Mr. Towill's and had seen his seedling, told me that he wanted someone to grow it and give him cuttings from it in the spring. We called on Mr. Towill and found that he had 1,200 good plants, was short of room, and would be glad if we would take them and give him 5,000 rooted cuttings the first of March following, and then gave us an option on buying at that time if we so desired. It did so well for us that winter that we closed the option in January, buying Mr. Towill's interest in it for $650. If we ever disseminated it he was to get $50 more, or $700 for 5,000 rooted cuttings.

"Before buying it we sized up its good qualities and decided that it would be profitable to pay $650 for it to grow as a cut flower, even if we never disseminated it, and that it would pay for the room it took better than American Beauty roses were paying us. To show you what faith we had in it, the next season we grew 6,000 plants, devoting all the space we could possibly spare and throwing out the American Beauties entirely, the growing of which rose had been quite a feature at our place."

SPIDER AND FAIRY RING.

Kindly inform me what is the trouble with the enclosed carnation plants. All their bottom leaves are turning yellow, and nearly all the blooms on the White Perfection split. The house is kept at a night temperature of 52 degrees and the plants are syringed once a week. A. O.

The White Perfection stems and buds appear to have been taken from plants which lack vigor. We have noticed this trouble where plants were not getting proper culture, but never saw it where the variety was growing normally. You may have plants which were propagated from weak stock, or your soil may be deficient in plant food. Irregular watering will also affect this variety more quickly than most others.

You have a serious condition confronting you, if your carnations generally look like the ones you forward. You have a twofold trouble. Your plants are infested with red spider, for which you ought to syringe, and they are also badly affected with fairy ring, for which you want to keep moisture away from the plants. You will have to use good judgment for the next few months, if you want to pull your carnations through. I would advise you to give your plants a hard syringing, with all the force at your command. Then spray them with Bordeaux mixture. Paint a steam pipe with a mixture of lime, sulphur and water, and strew some slaked lime around in the walk and under the benches. In the early morning of a prospectively bright day, spray the plants with salt water. Use a 2-inch potful of common salt to four gallons of water. Do this twice the first week and not more than once a week thereafter. Discontinue the salt spray as soon as possible, as it will make the stems brittle, if continued too long. Pick off all the bad leaves and burn them. Give all the ventilation possible and run steam in at least one pipe every night, even if it is warm and you have to open the ventilators. Water carefully, though not too sparingly. Do not apply any heavy mulch until the trouble has disappeared. There will be enough food in the soil until the plants get to growing strongly again. The cause of fairy ring is a close, humid atmosphere, and just the opposite conditions will bring on red spider trouble.

I would advise you not to propagate from these plants. They are weakened and can not give good, strong cuttings, even should you succeed in eradicating the two evils. Buy clean, fresh stock from some grower whose stock is vigorous, and next season guard against these troubles. A. F. J. B.

AMERICAN CARNATION SOCIETY.

The Miami Floral Co., Dayton, O., registers Carnation Miami Queen; parentage, Mrs. Lawson x G. H. Crane; color, cerise pink; size, three to four inches; habit, compact, no surplus grass; strong, healthy grower; blooms early and continues through the season; calyx, strong and does not burst. A. F. J. BAUR, Sec'y.

OBITUARY.

John H. Menard.

John H. Menard, one of the oldest, longest established and most widely known florists in New Orleans, died November 13, at his home, Rampart and Valmont streets, at the age of 63 years. His death came suddenly, being struck by apoplexy. He was born of French parents, coming from Brittany, but he passed all his life in New Orleans. His father being engaged in the seed business, he followed the florists' trade all his life, being of the old school of gardeners, making good plants and selling them at good paying prices. He is survived by his widow, several children and stepchildren, one being the wife of Paul Abele, of Abele Bros. Of the two others, Richard and Claude Orry, the latter has been a valuable assistant in his establishment. He was a good hearted man and belonged to several organizations, the Knights of Honor, the Elks and the New Orleans Horticultural Society, of which he was one of the founders, serving a term as president. M. M. L.

G. W. Flick.

George W. Flick, 60 years of age and long identified with the florists' business in Fort Wayne, Ind., died at 10 o'clock Monday morning, November 8, at St. Joseph hospital. His death was due to cancer of the bowels. He had been in failing health for several years. About three months ago he submitted to a surgical operation and improved so markedly that he was able to leave the house and give some attention to business affairs. Later, however, there was a recurrence of the malady and a second operation was performed Saturday, November 6, but the effort to prolong his life was futile.

Mr. Flick was born in Ohio and removed to Fort Wayne thirty years ago. He is survived by his wife and six children. There are also three sisters. He was an excellent citizen, quiet and unassuming, and throughout his extended illness he bore his suffering with marvelous patience. He was widely known and universally esteemed.

S. J. Thompson.

Samuel J. Thompson, of Louisville, Ky., died suddenly on Monday afternoon, November 8, and was buried in Cave Hill cemetery. His death came as a shock to his relatives and friends. He was found unconscious at 10 a. m. in his apartments over the store at 532 South Fourth avenue. Three physicians were called in and worked with him, but he gradually sank to the end. It is believed that while in a coughing spell he suffered a rupture of a blood vessel. He was weak from the loss of blood when found, and his death resulted from exhaustion.

Mr. Thompson was 54 years of age and a native of Salem, Va. He was a son of George Thompson, who thirty-five years ago originated the firm in Louisville. When a young man he engaged in business with his father. He was a member of the Louisville Lodge of Elks and Cherokee Tribe of Red Men.

He is survived by his widow, Mrs. Cora B. Rammers Thompson; one son, Edwin L. Thompson, associated in business with his father; a sister, Mrs. Charles Schleeter, and two brothers, George Thompson, of Louisville, and John W. Thompson, of Seattle, Wash. The family residence is at 806 East Broadway.

Siegmund J. Bach.

Siegmund J. Bach, founder of the firm of Semon Bach & Co., of 50 Hubert street, New York, died November 13, aged 75 years. He was born in Bavaria in 1835 and came to this country in 1855, soon after forming with his brother-in-law, the late S. B. Ulman, the mercantile concern of which he was president for the greater part of his life, and through which many greenhouse owners have at various times imported considerable quantities of window glass.

Mrs. B. Ackley.

Mrs. B. Ackley, who for the last twenty-six years had been in the florists' business in Oneonta, N. Y., died October 26. She was about 60 years of age.

William Rupp.

William Rupp, who for many years has sold flower pots to the trade as the Harrison Pottery, died October 20 at Harrison, O., where he also had other business interests. Mrs. Rupp is left, with three small children, and will continue the pottery.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1909: President, J. A. Valentine, Denver, Colo.; vice-president, E. G. Gillett, Cincinnati, O.; secretary, Willis N. Rudd, Morgan Park, Ill.; treasurer, H. B. Beatty, Pittsburg.

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

RESULTS.
We give them. You get them.
We both have them.

This issue of the REVIEW, all in the day's work, contains 100 pages.

BOXWOOD is used in immense quantities, plants one to two feet high, for filling winter window boxes in the eastern cities.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

MOST of the big flower shows have been kept open on Sunday this year, possibly with a sacred concert, and the Sabbath attendance has been generally the best of the season.

THE Cincinnati Florists' Society finds its treasury enriched nearly $1,600 as a result of the S. A. F. convention last August, but those who carried the work of preparation believe they earned it. It is proposed to use the money as a reserve fund to back a big flower show next year.

ONE of the chief obstacles in the advance of the trade is the neglect of business methods on the part of those who grow and deal in flowers and plants. It has been in spite of their methods rather than because of them that many men have succeeded. But every year now sees an improvement in this respect, for example is quickly followed, especially when benefits are so apparent as in the case of those who learn and adopt the modern methods of doing business.

EFFICIENT.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

The advertisement in the Review did its work nicely and very quickly.—Mellen Greenhouse Co., Ravenna, O., November 8, 1909.

AMERICAN ROSE SOCIETY.

At a meeting of the executive committee preparations for next spring's exhibition were considered. The date, the fourth Wednesday in Lent, comes this year so early that various parties raised the question, "Why do you have it so early? We cannot be sure of a crop." Upon deliberation the date was fixed for March 16 to 18, 1910. This exhibition is to be held under the auspices of the New York Horticultural Society. This society is one of the best supported in the east, and we look forward to the coöperation of many of the large private estates. The place of exhibition is a public hall of the highest class, the admission is free, and a large attendance is expected.

The matter of securing a list of handsome prizes is being looked after, and the society asks the support of every one interested, not only in roses, but floriculture in general. The second edition of the schedule is issued and has been mailed to the members of the society and others as far as it was practicable to do so. The Bulletin for 1909 will be mailed during Christmas week.

BENJ. HAMMOND, Secy.

OUR BIRTHDAY.

With this issue the REVIEW begins its thirteenth year. With no axes of its own to grind, it has sought to uphold the mirror to the horticultural trades and is content with the measure of appreciation with which its efforts have been rewarded. The REVIEW has had its full share of the growth that has come to the trade in the twelve years that are gone. It feels that the years to come hold out for the trade at large a promise of prosperity even more pronounced than that of the past, in which this paper hopes to share in proportion to the honesty and industry with which it plays its part.

CHICAGO.

The Great Central Market.

Last week was undoubtedly one of the most generally unsatisfactory periods in the recent history of the market, but the reason seems quite apparent. It did not lie in any adverse fundamental factor, but in the weather only. The Chicago flower market is always more or less of a weather market. Good weather brings in the crops simultaneously all over the Mississippi valley, and bad weather curtails production, not only at Chicago, but wherever Chicago flowers go. The result is that the market has wide swings. When production is large, demand is least, and when production is at the lowest level, demand is strongest. Last week production was at the top notch, because the weather was the warmest the weather bureau here ever has recorded for the second week in November. Not since 1882 have the records of the weather office shown anything like the November temperatures recorded last week. With April days, bright skies and everything right for a crop, flowers were crowded into the market at a rate far in excess of any requirements. This was particularly true of roses, though only in a less degree of chrysanthemums and carnations. Rose crops were on the upgrade and the plants were just in the condition to respond to the warm sun with a heavy cut. The stage of growth was such that a large part of the stock was of the better grades in length of stem; indeed, the proportion of the medium, long and fancy was unusually great. The large supply of white was noticeable.

With the market in such condition it was, of course, impossible to realize anything like the real value of the stock; though the selected shipping orders might bring fair returns, the jobbing off of the accumulation could not be accomplished, except at extremely low rates. But Killarney sold far better than Maid, and White Killarney better than Bride. Beauties have begun to shorten up and prices have advanced.

The situation in chrysanthemums began to change last week. While the supply was extremely heavy, there began to be a shortage of the better grades of smaller varieties, though this did not ap-

For Thanksgiving, Order

Killarney

of us and you will be back for Christmas, and before.

We ship large quantities of these Killarneys, but there are still some buyers we have not yet been able to reach. Our stock runs mostly to good "Selects" (medium to long). This grade you can sell in quantity to your good trade, but we also have enough of the "Special" stock to supply your wants in this line.

BEAUTIES

Our crop of Beauties is steady, remarkably fine and especially strong on medium lengths. If your trade calls for good medium Beauties you should get in touch with us at once. Enough finest long and medium Beauties o fill all orders.

Carnations

Carnations always have been one of our strongest holds. We are again in full crop and can supply any and all demands. Our Carnations always are the best the market affords. Push your sales and order of us.

MUMS

The best Mums of the year are here, just right for the Thanksgiving trade. Bonnaffon is extra good with us, but Chadwick, Nonin, Eaton and all the other best varieties are awaiting your orders. Can supply thousand or a single dozen. Let us hear your needs—we do the rest.

Violets

There is no house in the west that is pushing violets any harder than we are—and we certainly are getting the stock. Our supply of the Cream of the Hudson River Doubles is very large, and we have fine home-grown singles. Our stock for Thanksgiving will be especially good.

Smilax Strings

Use Smilax in your decorations. We can supply it by the hundred or thousand; $10 per 100; $80 per 1000. Plenty of Asparagus bunches. All other Greens in large supply.

Fancy Valley Always on Hand

Thanksgiving Prices

AMERICAN BEAUTY	Per doz.
Long stems	$5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.25
Short ..... per 100, $6.00 to $8.00	

	Per 100
Killarney, special	$10.00 to $12.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
Richmond, special	10.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
My Maryland, special	10.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
White Killarney, special	10.00 to 12.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
Maid and Bride, special	8.00
" " select	5.00 to 6.00
" " seconds	3.00 to 4.00
Mrs. Field	3.00 to 6.00
Kaiserin	3.00 to 6.00
CARNATIONS	
Common, short	2.00 to 3.00
Select, large and fancy	3.00 to 4.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	1.00 to 1.25
" fancy single	.75 to 1.00
Chrysanthemums	
Special large ..... doz., $4.00	30.00
Large, fancy ..... " 3.00	20.00
Medium ..... " 2.00	15.00
Small	8.00 to 10.00
Pompons, all colors, 50c to $1.00 bunch (about 50 flowers)	
Sweet Peas	1.00 to 1.50
Valley	3.00 to 4.00
Easter Lilies ..... per doz., $2.00	15.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri .... per 100	2.00 to 6.00
Adiantum ..... "	1.00 to 1.25
Farleyense ..... "	10.00 to 12.00
Smilax ..... per doz., $1.50	10.00
Ferns ..... per 1000, 1.50	.20
Galax, bronze .... " 1.00	.15
" green ..... " 1.00	.15
Leucothoe	.75
Boxwood ..... 35c bunch; $7.50 case	
Mexican Ivy ..... per 1000, $7.50; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Reliable Christmas Greens

We do not claim cheapness for our Christmas Greens except as "the best is always the cheapest," and this is specially true of Holiday Greens. It is quality you want and we offer. Don't be caught by lower prices; be sure of the quality. Here is as cheap as the best stock can be sold.

MOUNTAIN LAUREL
Medium Laurel Wreathing, per 100 yds..$6.00
Heavy Laurel Wreathing, per 100 yds... 8.00
Branch Laurel, per bunch..... .75

BEST DELAWARE HOLLY
XXX Brand. Well berried, in full size cases.
Per case.....$ 5.00
5 cases..... 23 75
10 cases..... 45.00

WILD SMILAX
Best grade obtainable. 50-lb. case.....$5.00

HOLLY WREATHS
12-inch, single, per dozen.....$ 2.00
12-inch, single, per 100..... 12.50
12-inch, double, per dozen..... 3 00

WINTER BERRIES
Per case.....$ 3 00
5 cases..... 14 00

CHRISTMAS EVERGREEN WREATHING
Medium, per 100 yds.....$3 50
Extra Heavy, per 100 yds..... 5 00

EVERGREEN WREATHS
12-inch, plain, double, per dozen $1.50
12-inch, with Immortelles, per dozen.... 2.00

MISTLETOE—Quality the best.
1 lb.....$0.25
5 lbs..... 1.20
10 lbs..... 2.25

ITALIAN BOXWOOD
Per bunch.....$0.25 50-lb case.....$7.50
This is especially imported and is of the finest quality.

All prices on above goods subject to changes. Send for complete illustrated Price List of Christmas Specialties.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments 19-21 Randolph St., Chicago

Mention The Review when you write.

ply to Bonnaffon, which is available in quantity in all sizes. A good many of the mums have been and are of poor quality, and would command only low prices at a normal stage of the market, but this week the best, big late blooms are in and splendid stock is offered. It appears that the chrysanthemum season is approaching an end, rather earlier than usual, because the warm weather has rushed along the flowers.

Buyers are beginning to appreciate that carnations once more are plentiful and at ordinary prices. The result is that the carnation orders are increasing, and the carnation held its own last week rather better than any other flower in the market, though prices, of course, went down in sympathy with everything else.

Supplementing the carnations, there is a large supply of Diana, the small white mum which works in so nicely in all kinds of designs, baskets and other retail creations. The supply of this variety is much larger than it ever has been before, and prices are lower, sales being slower. Other varieties of pompon and single chrysanthemums, while in good supply, are not so abundant as Diana.

Violets suffered in the general apathy last week, but there is predicted a sharp rally for them. Valley and lilies are equal to all requirements. Sweet peas are increasing in quantity. A few Paper Whites are seen.

The present week opened with storms and more nearly seasonable temperature. The general impression is that with cool weather and the normal amount of sun, production will be reduced, demand will multiply and business will resume its usual course.

There is nothing out of the ordinary in the green goods department.

Wednesday, November 17.—Three days of dark and comparatively cold weather have begun to affect production. Cuts are reduced, demand is not yet strong, but prices are hardening, especially on Beauties.

To Milwaukee.

There was a delegation of thirty Chicago florists at the Milwaukee flower show Saturday, November 13, practically all the men attending the banquet given in the evening by the Milwaukee Florists' Club. The Chicago visitors were delighted with the show; it was much ahead of anything heretofore seen in Milwaukee and entitled to be classed with the Chicago exhibition. Among the Chicago florists present were: Frank Johnson, Albert Amling, William Amling, P. J. Foley, R. Schiller, August Poehlmann, Adolph Poehlmann, Adam Zender, Eric Johnson, George Asmus and wife, E. F. Winterson and wife, H. E. Philpott, John Bruckner, Fred Lautenschlager, T. E. Waters and wife, Harry Garland, Otto Goerisch, J. C. Vaughan, Harry Lubliner, Joseph Trinz, C. W. McKellar and wife, Leonard Kill and wife, Michael Fink, A. T. Pyfer and Peter Olsem, Joliet; Annie Weiland, Evanston. At the close of the banquet a good many of the Chicago people were called on by Toastmaster C. C. Pollworth for afterdinner remarks.

Mr. Washburn's Plans.

Bassett & Washburn are confident that the record the O. P. Bassett carnation has made with those who bought it last year will result in a demand for cuttings this season fully as great as that of the year it was sent out. They therefore are preparing to propagate extensively and already have about 20,000 cuttings in the sand and are putting them in at the rate of about 1,000 each day. They also are preparing for a large demand for young stock of White Killarney in the spring and have ordered 125,000 Manetti for grafting, although crop conditions may result in their not receiving the full order, for Manetti is scarce in England. Mr. Washburn says next year their winter white roses will be three-fourths White Killarney and one-fourth Bride. They will discard Maid and will plant My Maryland with Kaiserin for summer, relying on Killarney for pink for winter.

Telephone Mixup.

John Kruchten is angered that after having repeatedly called the attention of the telephone company to the fact that his name appears in the list of retail florists, instead of among the whole-

...HEADQUARTERS FOR...

CARNATION BLOOMS

	Per 100	1000
Carnations, select stock	$ 3.00	$ 30.00
Single Violets, long stem fancy stock	.50	5.00
Chrysanthemum White Bonnaffon	12.50	100.00
Marguerite Daisies	.50	5.00
Fancy Cut Ferns		1.50
Leucothoe Sprays	.50	5.00

Galax, green	per 100, 10c; per 1000,	$ 0.75
Galax, green	per 10,000,	6.00
Boxwood	per bunch, 25c; 50 lbs.,	7.50
Boxwood	100 lbs.,	14.00
Green Sheet Moss	per bale, 25c; 5 bales,	1.00
Fresh Sphagnum	per bale,	1.00
Red Immortelles	per doz.,	2.25
Smilax	per doz ,	1.50
Wild Smilax	large case,	5.00

I would be pleased to quote you prices on any Cut Flower or Florists' Supplies you may want.

WILLIAM MURPHY, Wholesale Commission Florist
311 MAIN STREET, CINCINNATI, OHIO

Mention The Review when you write.

WANTED

Every **Florist** and every **Gardener** in every town of every state in the Union to use

Aphine

Make it your **"Buy" Word**

Send for descriptive circular

George E. Talmadge
Madison, N. J.

Mention The Review when you write.

Everything in Large Supply for Thanksgiving

MUMS

Nagoya, medium, large and fancy. Bonnaffon, medium, large and fancy. Chadwick, fancy. Eton, fancy.

Killarney

We are leaders on Killarney and White Killarney in this market. Good grade, $4.00 to $8.00; extra long, $10.00 to $12.00.

POMPONS, yellow, white, bronze and pink, 50c to $1.00 per bunch.

Richmond This is fine stock, in all lengths, just what your trade will take to from now on. A good grade, $4.00 to $6.00; extra long, fancy, $8.00 to $10.00, 100.

Maryland A rose that is making a hit. A good grade, $4.00 to $8.00; extra long, $10.00 per 100. Try some of these; you will like them.

Bride and Maid, in large supply; good, $3.00 to $6.00; extra long, $8.00 per 100.

CARNATIONS Our supply of Carnations is the largest in the west and the quality is fine. **Don't hesitate to wire.** If you want to be in touch with carnation headquarters, **always** send your orders to Randall.

VIOLETS The Violets we handle are considered the finest coming into the Chicago market Regular standing orders solicited. Write for special prices if you have use for large lots of fine stock.

Fancy Valley always on hand, $3.00 per 100; extra select, $4.00 per 100. Finest Fancy Ferns, $1.50 per 1000.

MEXICAN IVY, 75c to $1.00 per 100. **WILD SMILAX—headquarters for the best grade of stock.**

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.



WE ARE HAPPY

Because we took 9 prizes out of 9 entries at the Chicago show, and 39 prizes at the Milwaukee Show, in all lines of Cut Flowers and Plants. This shows the superiority of our lines.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

salers in the classified section, it still is wrongly classified in the new fall edition. But he has company in that the two new wholesale houses opened since the last telephone directory was issued, Hoerber Bros. and Kyle & Foerster, also are in the retail list, instead of under the proper wholesale heading.

Various Notes.

E. C. Amling says that although last week was one of the hardest of his recent experience, he thinks the reason for the market condition should be apparent to all and that from his point of view the prospect for the season is excellent; better than ever.

A. E. Hunt & Co., Evanston, now are selling a portion of their cut in the Flower Growers' Market. Usually their stand is graced by a vase of their new carnation, Mary Tolman.

It is reported that O. J. Friedman is about to open a branch in the La Salle hotel.

The A. L. Randall Co. has received its first shipment of holly from Delaware, sent on by their man there to refute any statements that good holly will not be obtainable this year.

Peter Weis, at Morton Grove, is rebuilding his range of vegetable houses, the entire place, and has the work well along. Meilander is the contractor.

Kennicott Bros. Co. is receiving its usual crop of Bonnaffon from George Baer, of Toledo. Mr. Baer has been shipping these to Kennicott's for many years, ever since Bonnaffon was introduced, and he has yet to find a year in which the variety does not finish perfectly and sell well. He thinks it the best of all chrysanthemums.

When C. M. Dickinson was at Pelican Lake last summer he sent W. E. Lynch a maskalonge weighing fifteen pounds, but the express company lost the fish, and Mr. Lynch never had the pleasure of "seeing is believing" Mr. Dickinson's fish stories. But November 15 the express company offered him $1.87, being the wholesale market price of such a fish. Mr. Dickinson said it cost him at least $25 and all the skin on his arms to catch that muskie.

Big, jolly Anton Then is now a grandfather, a daughter having been born to

Roses :: Violets

The Milwaukee and Chicago Flower Shows proved that

Milwaukee Beauties Were Best

Chicago Show, Class 52, Best 25 American Beauties, Holton & Hunkel Co., Milwaukee, 1st; Chicago Growers, 2d.
Milwaukee Show, Class 27, Best 50 American Beauties, Holton & Hunkel Co., Milwaukee, 1st;
Chicago Growers, 2d; and consignors of Holton & Hunkel Co. staged

Carnations that Were the Sensation of the Show

But don't overlook the fact that

Our Roses and Violets are Second to None

Fine, clean Roses on any length of stem your trade requires; and Milwaukee fresh, fragrant DOURLE Violets are in a class by themselves—nothing like them offered in the west. We ship everywhere.

Order Today for Thanksgiving

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write.

Mr. and Mrs. Anton, Jr., November 10.

John Sinner states that the owners of the building in which the Flower Growers' Market is located are anxious to begin the alterations referred to in last week's REVIEW; all that remains is to get the market's consent to beginning work at once. The changes contemplate moving the elevators and changing the location of the stairway, giving the market more space in the center of the room, and taking something away from the corners to provide for new stairways. It is understood that the refreshment establishment which occupies a portion of the ground floor is also to take, May 1, that part occupied by the Chicago Rose Co., the latter concern being provided for in the basement, next to Vaughan & Sperry, where there may also be room for one or two others.

It is reported that N. C. Moore & Co. are figuring on rebuilding their place at Morton Grove in the spring.

Wagner Bros., on South Water street, are making preparations to go into the green wreathing and holly business more extensively this year than heretofore, and they have been pushing out for florists' trade rather industriously the last few years.

F. F. Benthey says the Frederick Benthey establishment at New Castle last week cut the largest crop of roses in its history, especially of Bride.

Fred Klingel has been on the sick list the last few days.

Leonard Koehler is the latest addition to the staff of Kyle & Foerster, where increasing receipts are keeping everybody busy.

The Florists' Club will hold an adjourned meeting at the Union restaurant November 18. Candidates for election are George Reid, Elmhurst, Ill., and Ed Assa, of Bowmanville.

O. P. Bassett leaves November 18 for Pasadena, where he will spend the winter. He is taking his automobile and his chauffeur with him.

John Poehlmann, president of the Poehlmann Bros. Co., says there is no truth whatever in the report current in the market this week that the concern is considering the opening of a branch wholesale house in some other city. He says such an idea never had suggested itself to the members of the company.

Peter Reinberg has been at Flora, Ill., for several days, shooting with a couple of neighbors.

A meeting of the executive committee of the Horticultural Society has been called for Friday afternoon, November 19, to settle up flower show matters.

C. W. McKellar has been receiving Paper White narcissi for nearly a week and says they are selling well.

John Enders has been presented with a handsome Masonic ring by the members of the Wholesalers' Employees' Club, in recognition of his good work in behalf of the recent annual ball.

L. Baumann & Co. are doing a large amount of decorating for the big land show which opens at the Coliseum, Saturday, November 20.

Among the week's visitors have been E. D. Lauterbach, Bushnell, Ill., and William Fenger, Toledo.

Arthur Lawson, who is one of the most popular clerks in the retail store of A. Lange, at 44 East Madison street, was married, November 10, to Emma Augusta Carlson. The young couple are at home to their friends at 6011 South Morgan street.

Bowling.

The bowlers resumed their league contests November 11, making the following scores:

Orchids.	1st	2d	3d	Violets.	1st	2d	3d
Huebner	135	82	125	Bergman	160	169	148
McKellar	146	140	136	Johnson	194	182	149
Graff	136	178	148	J.Kruchten	103	157	190
Vegel	103	128	92	Lieberman	125	135	115
J. Zech	153	133	179	Yarnell	110	125	110
Total	673	661	680	Total	692	768	721

Roses.	1st	2d	3d	Carnations.	1st	2d	3d
Fisher	178	137	203	F. Ayers	129	144	158
Skafgard	126	116	112	Pasternick	167	151	128
F. Johnson	154	105	33	Krauss	134	115	105
Pieser	142	100	141	Farley	159	156	169
Wolf	153	153	137	A. Zech	179	142	155
Total	758	611	686	Total	768	708	715

The Carnations, who now lead the league by one game, have arranged a match with the Bullard & Gormley team on the Coöperation alleys, Saturday evening, November 20. A. Zech is captain of the Carnations.

MILFORD, MASS.—Miss Evelyn B. Taylor is making thorough repairs at her greenhouses, on Otis street, putting in new concrete foundations and rebuilding the benches.

STEUBENVILLE, O.—When the Misses Sarah and Agnes Wells, prominent in the trade here, recently visited Gambier, they broke a record for the family of their grandfather, Bezaleel Wells, as it was the first time in 100 years there was not a member of the family in Steubenville, which their grandfather founded. It was the first time the Manor house was unoccupied since 1832.

KENNICOTT BROS. CO.

Handles All Cut Flowers in Season

AMERICAN BEAUTY	Per doz.
Long stems	$5.00
Stems 30 inches	4 00
Stems 24 inches	3 00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short	per 100, $6.00 to $8.00

	Per 100	
Killarney, special		$10.00
" select	$6.00 to	8 00
" seconds	3.00 to	4.00
Richmond, special		10.00
" select	6.00 to	8.00
" seconds	3.00 to	4.00
Kaiserin, special		8 00
" select	5.00 to	6.00
" seconds		4.00
My Maryland, special		10.00
" select	6.00 to	8.00
" seconds	3.00 to	4 00
Bridesmaid	3.00 to	8.00
Bride	3.00 to	8.00
Mrs. Field	3.00 to	8.00
CARNATIONS		
Common	2.00 to	3.00
Select	3.00 to	4.00

Chrysanthemums	Per 100	
Extra fancy, doz., $3.00		$20.00
Medium, doz., $1.50 to 2.00	$10.00 to	15.00
Small	6.00 to	8.00
Pompons and singles, per bunch, 35c to $1.00		
Valley	3.00 to	4.00
Easter Lilies, per doz., $2.00		15.00
Violets	.75 to	1.00
Sweet Peas	.75 to	1.50
DECORATIVE		
Asparagus Plumosus, per string	.50 to	.75
" " per bunch	.35 to	.75
" Sprengeri, per 100	2.00 to	6.00
Adiantum "	.60 to	.75
Smilax, per doz., $1.50		10.00
Ferns, per 1000, 1.50		.20
Galax, bronze, per 1000		1.00
" green "		1.00
Leucothoe		.75

Boxwood. 35c per bunch; $7.50 per 50-lb. case

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

Wild Smilax

Always on hand for immediate shipment. Large cases only, $5.00 each; two or more at $4.50 each.

KENNICOTT BROS. CO.

48-50 Wabash Avenue, CHICAGO

LONG DISTANCE PHONE, CENTRAL 466.

Mention The Review when you write.

PITTSBURG.

The Market.

Almost summer weather is not exactly what is wanted at this season. However, it is what we have been having and the trade is not nearly so bad as it might be under the circumstances.

Chrysanthemums have been coming in an avalanche—not many of the extra large ones, but medium and small ones in quantities that sent prices down a-flying. Roses also have been coming in quantities that make one fear for the cut when the dark weather hits us. Carnations are more plentiful and prices correspondingly lower. Violets are good and more plentiful; just about enough for the demand. Beauties are good and there are enough of them, and the quantities of other stock keep the prices down. Lilies are suffering on account of chrysanthemums, but good valley finds a ready sale. The only shortage seems to be in good Sprengeri.

With such quantities of stock to dispose of, the commission houses have plenty to do, and I believe they generally report business good, stating that notwithstanding the drop in prices, the volume of sales is considerably ahead of last year.

The retail shops are really beautiful, the showy flowers helping to make a grand display.

Various Notes.

A. W. Smith, in his new store of many windows, last week used autumn foliage and chrysanthemums with such fine effect as to attract a great deal of attention.

Mrs. E. A. Williams' large show window has been a study for an artist all the week, but the artist would have to be busy to paint a picture of it, as it was entirely different every day.

The Breitenstein Co. had baskets of flowers as the principal feature, using the small single varieties arranged in Mr. Breitenstein's own way, in which there is a charm one cannot just describe.

The downtown store of H. L. Blind & Bros. showed some of the novelties in new china, with vases of chrysanthemums and plants.

In the east end, Randolph & McClements, the Zieger Co. and H. L. Blind &

THANKSGIVING

PRICE LIST

American Beauties	Per doz.
Extra long stems	$6.00
Stems 30 to 36 inches long	$ 4.00 to 5.00
Stems 20 to 24 inches long	2.50 to 3.00
Stems 18 inches long	2.00
Stems 12 inches long	1.50
Shorter	1.00

Killarney and Richmond	Per 100
Extra select	$10.00 to $12 00
Good lengths	8 00
Medium lengths	6.00 to 7.00
Short lengths	4.00

Bride, Maid and Perle	
Long stems	8 00
Medium lengths	6.00
Short lengths	4 00

Fresh Roses, our selection, in lots of 500 or more, per 1000, $30.00.

Carnations	Per 100
Red O. P. Bassett, extra fancy	$ 5.00 to $ 6.00
White and Pink according to length of stem	4.00 to 5.00
Easter Lilies, Giganteum	12.00 to 15.00
Lily of the Valley	3.00 to 4.00

Chrysanthemums, white, yellow and pink.	Per doz.
Extra large, fancy	$3.00
Good size	2.00
Medium	1.50

No small mums left.

Asparagus	per string,	.60
Asparagus Sprays	per 100,	$2.00 to 3.00
Sprengeri	"	2.00 to 3.00
Smilax	per doz.	1.50
Adiantum	per 100,	1.00
Galax, green and bronze	per 1000,	1.25
Ferns	"	1.50

BUY YOUR FLOWERS DIRECT OF THE GROWER

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL.

Office and Store, 76 Wabash Avenue, CHICAGO

Mention The Review when you write.

Bros., with their large plate glass fronts and conservatories attached, which are really a part of their store rooms, made every day exhibitions which might have been justly entitled to the name "flower shows."

The Carnation Society committee met at the Fort Pitt hotel on Thursday evening, with fairly good reports. A good portion of the money is in sight, and the reception committee notified the finance committee to keep busy, as they are making large plans and do not want to be stinted for cash. All in all, President Burki went home feeling that where there was so much enthusiasm and every member of every committee present, there would not be much trouble for him.

Visitors: Fred C. Greene, Oil City, Pa.; Edward Bell, Franklin, Pa.

Hoo-Hoo.

CINCINNATI.

The Market.

The unusually warm weather of last week affected the market in general, although trade conditions have been good. The wholesale houses report a good and steady call for chrysanthemums, with prices averaging a little above last year's; that is, good blooms have sold out readily every day. Of course as this is the height of their season, and warm weather is bringing in double the quantity of flowers, it is readily seen that some poor stock had to be sold cheaply. Bonnaffon, Maud Dean, Mrs. Jerome Jones, Chadwick, Ivory and Golden Age are the leading varieties coming in. Carnations of good quality are now more plentiful and meet with a steady demand. Roses are in full supply, with moderate call. Violets arrived in large quantities. Valley is sufficient to fill orders. All kinds of green goods are equal to the demand.

Club Meeting.

The regular monthly meeting of the Cincinnati Florists' Society was held November 13 at J. A. Peterson's place in Westwood. The attendance was not so large as was expected, but considerable interest was manifested and much business transacted. The various committees brought in their reports and the auditing committee reported that they found the books of the finance committee from the convention O. K. The money left over will amount to nearly $1,600, which will be set aside as a special reserve fund, to be used for a flower show. The question of a chrysanthemum show in 1910 came up and, judging from indications, nearly all present were in favor of starting a movement in that direction. A committee of three was appointed to map out ways and means of starting a bowling club, only members of the society being eligible.

After the routine business was transacted Mrs. Peterson invited the boys to a lunch and it is needless to say everyone enjoyed it to the full extent. A vote of thanks was given Mr. and Mrs. Peterson for their hospitality.

About fifteen members of the society took a stroll through the greenhouses of Mr. Peterson, the local home of Gloire de Lorraine. This place has been long famed for the excellence of the stock and there is every prospect that this season will be a money-maker. Four houses of Lorraine in various sizes, from 4-inch to 8-inch pans, are a sight worth seeing. Several sports and seedlings, among them Pres. Taft and Gloire de Cincinnati, made a grand showing. Both are of more robust growth and have larger blooms. A house of cyclamens ranging from 6-inch to 8-inch pots, well advanced in bloom, show the hand of good culture. One house of Adiantum Farleyense was well done, as was Dracæna Victoria and Pandanus Veitchii; in fact, everything on the place showed that men of experience have bestowed their best talent in growing this stock.

H. Schwarz.

The owners of the property at 110 to 114 East Fourth street, part of which is occupied by Robert Kelly, are planning to make extensive improvements in the building. The improvements, it is said, will include new store fronts of a modern type, which will make the building one of the most attractive in the square. Mr. Kelly has been offered the opportunity of taking a long lease on the part of the premises he is using.

Grand Rapids, Mich.—The Grand Rapids Greenhouse Co. is beginning the fall season with a stock of 20,000 carnations, 4,500 violets and 15,000 chrysanthemums, and has also doubled its capacity in roses. In addition to the flowers, it has about three acres under glass planted to lettuce and an acre to cucumbers. Some space is given to tomatoes, but this is in the nature of an experiment.

Are you ordering for Thanksgiving or any other time? If so **Wire Us**

We are fixed to fill any telegraph order for

Roses, Carnations, Mums, etc.

We have large crops of fine Killarney, Maid, Bride, White Killarney, My Maryland, and all other Roses, also Carnations in all grades, short, medium and fancy, for all needs; Mums in large supply. Right market prices. It has been our steady policy to take care of our regular customers before seeking others; now, however, we can take care of more trade. We, therefore, respectfully solicit your orders. All stock in season—at all seasons.

Write us for special prices on large orders of roses

ZECH & MANN, WHOLESALE FLORISTS L. D. Phone, Central 3284 51 Wabash Avenue **Chicago**

Mention The Review when you write.

1878 THIS IS OUR 31st 1909

Thanksgiving

Never so well fixed as now to supply all needs

Call on us, no matter what you want, and you will get the right goods at the right time—and at the right price. Let us hear from you. :: :: :: ::

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

BEAUTIES	Per doz.
48-inch and over	$5.00
30 to 36-inch	$3.50 to 4.00
24 to 30-inch	2.50 to 3.50
18 to 20-inch	2.00 to 2.50
12 to 15-inch	1.00 to 1.50
8 to 12-inch	.50 to .75
ROSES (Teas)	**Per 100**
Bride and Maid	$4.00 to $ 8.00
Richmond	4.00 to 10 00
Killarney	4.00 to 10.00
White Killarney	4.00 to 10.00
My Maryland	4.00 to 10.00
Kaiserin	4.00 to 8.00
Perle	4.00 to 7.00
Roses, our selection	4.00
CARNATIONS, medium	3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Mums, small, doz.,	$0.75 to $1.00
" medium "	1.50 to 2.00
" fancy "	2.00 to 3.00
Harrisii Lilies	15.00
Valley	3.00 to 4.00
Violets	1.00 to 1.50
GREENS	
Smilax Strings per doz.,	1.50 to 2.00
Asparagus Strings each,	.50 to .60
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.35 to
Adiantum per 100,	.75 to 1 00
Ferns, Common per 1000,	1.50
Galax "	1.25
Leucothoe	.75
Boxwood lb., 25c	
Wild Smilax $2.50, $3 50 and	4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

SPRINGFIELD, OHIO.

The Daily News, of this city, says the blue rose is a more important discovery than the north pole and adds:

"While the scientists have given us a new rose, the practical florists must give it to the public. Wherever the blue rose was born, its home will be Springfield, O., for here clustered together are the already famous rose growers who, with their vast facilities for growing and distributing, give this point the acknowledged name of being the largest rose-producing center in the world.

"Where does California get the roses which bloom there as nowhere else? Ask anyone from the homes fairly hidden with its flowers. Oh, yes, Springfield, O. Where does the south get its roses? Ask the southern dealers, and their reply, giving the staggering quantity of their purchases at Springfield, would easily stamp the source of supply as the manufacturing center.

"And so it is in the land of the rose, be it California, Florida, Texas, or any other spot; they all depend on Springfield, O., for the practical side of plant producing. So vast has the rose industry grown that it is no longer a growing of plants as in the old days; it is a huge manufacturing of them, in huge establishments where hundreds of thousands of plants are grown side by side, under the careful guidance of the expert rosarian."

NEW YORK.

The Market.

Indian summer is delightful and New York is fast becoming a favorite winter resort, in competition with Florida and Bermuda, but all this is bad for the cut flower business. The nurserymen are much delighted, for they have not had an inch of frost to combat, the bulb and seedsmen continue to ship and are so busy that they have to sit up nights, but the cut flower market is flooded and running over. The biggest godsend that could come to it would be a good freeze.

Chrysanthemums and roses are having a hard road to travel. Perfect though they are, values proportionate with the cost of growing them seem impossible. The volume of arrivals is enormous. Mums worth 25 cents go at 10 cents. Roses by the box do not average $1 per hundred, extras and specials included. Debarred, as in the last years, from large shipments to adjoining cities, New York is largely thrown upon its own resources and must make its market within a restricted radius within the big city itself. Therefore the growth of its retail element is looked upon with abundant favor, and the hope is this may so increase that the metropolis can profitably absorb every good flower daily that knocks at its open door.

Easter lilies do not bring Easter prices. The tendency is down again. Valley holds well and the November weddings are many. Orchids are up and staying there. The demand is wide and the outside call must be in advance to







Armadillo Baskets

THE HIT OF THE SEASON

Something new and unique for florists. They make novel flower and hanging plant baskets. Are well prepared and guaranteed waterproof. These baskets are made in (4) four different styles and sizes. The price ranges from 60c and up for jobbers. The plain basket makes a unique novelty for a gift, very strong and durable. They are made from the horned shell of the Armadillo.

WHAT IS AN ARMADILLO? A most curious and interesting animal, captured in the mountains of West Texas and Old Mexico. In freedom it makes its nest about six feet under ground; sleeping during the day, it ventures out at night. Its shell or armor is fashioned into the oddest and most curious baskets ever known. I have no agents and therefore am able to give you my lowest quotations. Ship goods direct to all parts of North America. Write for catalogue and prices, special terms to jobbers.

CHAS. APELT, Comfort, Texas (The Home of the Armadillo). Dealer in Texas and Mexican Curiosities. My Specialty is the Waterproof Plant Basket.

Mention The Review when you write.

be heard, for the city takes about all that are arriving. The two big opera houses and the new theater are all crowded nightly with the four hundred and they are wearing orchids and gardenias.

Between football games and the horse show the modest violets sat up some last week and took notice. They are back again this week, however, to a lower standard.

Carnations are not able yet to get above $2 per hundred, and thousands go at half that figure.

The frost must come upon the pumpkin quickly if we are to have a real Thanksgiving. We look for a change for the better during the coming week and a steady and profitable condition in all departments of the cut flower industry thereafter until Christmas.

Various Notes.

The import trade this fall is enormous. As an illustration, last week McHutchison & Co. received 593 cases, 406 cases of valley and twelve cases of plants from Germany, and 165 cases of plants from Holland.

J. H. Small & Sons had a vase of President Taft roses last week in their Broadway window, a brilliant pink.

The prize mums still come in from C. H. Totty's Madison range and maintain their high-water mark. But these are few, when compared with the great river of medium and cheap flowers.

The Retail Florists' Association held its monthly session November 16, and is planning for another smoker in the near future. The belief seems to be well founded that the prominent retailers will not let another such opportunity for profitable publicity pass as the flower show in the Museum of Natural History, without taking advantage of it.

William Wells, who has been a guest of C. H. Totty for several weeks, sailed for home Wednesday, November 17, on the Lusitania. He is a most genial gentleman and has made a host of friends.

The traveling representatives of Ralph M. Ward & Co. are leaving this week on their fall trips, which will cover the entire country.

The downtown seedsmen vie with each other in attractive window decorations. Stumpp & Walter Co., with blooms, and J. M. Thorburn & Co., with vegetables, manage to hold up pedestrians constantly. Mayor Stumpp has had some of the prize mum blooms of the big shows in his windows.

One of the prettiest windows of Fifth avenue last week was that of Thomas Young, Jr., with decorations appropriate to the horse show, including a panel with three horses' heads.

The auction sales will not go beyond November. Just now the big importations of palms, boxwood and evergreens are being disposed of and the audiences every Tuesday and Friday continue large.

Tuesday evening, November 16, at the Astoria Bowling Club was ladies' night. Supper was served at 6 o'clock and prizes were awarded and a good time

WESTERN ORCHIDS

Chas. W. McKellar, 51 Wabash Avenue, CHICAGO

Headquarters

Thanksgiving Prices

For week commencing Saturday, Nov. 20, 1909

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to	$ 7.50
Dendrobium Formosum, white,	"	4.00 to	6.00
Dendrobium Phalaenopsis, pink	Per 100,		15.00
Vanda Cærulea, white, tinted blue	Per doz.,	3.00 to	4.00
Cypripediums	"	2.00 to	3.00
Oncidiums, yellow	Per 100,	3.00 to	5.00
Assorted, selected flowers	Per box,	5.00 to	25.00
Gardenias	Per doz.,	3.00 to	4.00
AMERICAN BEAUTY—Specials	"		5.00
30 to 36 in.	"	3.00 to	4.00
20 to 24-in	"	2.00 to	2.50
15 to 18-in.	"		1.50
Short	Per 100,	6.00 to	8.00
Killarney, special	"	8.00 to	10.00
" select	"	5.00 to	6.00
" seconds	"	3.00 to	4.00
Kaiserin, special	"		8.00
" select	"	5.00 to	6.00
" seconds	"		3.00
My Maryland, select	"	6.00 to	8.00
" seconds	"	3.00 to	4.00
Richmond, select	"	6.00 to	8.00
" seconds	"		3.00
Mrs. Field	"	8.00 to	8.00
Bridesmaid	"	3.00 to	6.00
Bride	"	3.00 to	8.00

"Special" Stock billed accordingly

CARNATIONS

Common, short	Per 100,	$2.00 to	$ 3.00
Select	"	4.00 to	5.00

MISCELLANEOUS STOCK

Chrysanthemums, fancy	Per doz.,	$2.50 to	3.00
" medium	"	1.50 to	2.00
" small	Per 100,	5.00 to	8.00
Violets	"	75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00		15.00
Sweet Peas	"	.75 to	1.00
Bouvardia	"	4.00 to	6.00
Paper Whites	"	3.00 to	4.00

DECORATIVE

Asparagus Plumosus	Per string,	.50 to	.60
"	Per bunch,	.35 to	.75
" Sprengeri	Per 100,	2.00 to	6.00
Adiantum	"	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50	"	10.00
Ferns	Per 1000, 1.50	"	.20
Galax, green and bronze	Per 1000,		1.25
" "	Case 10,000,		10.00
Leucothoe	Per 100,		.75
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO

Mention The Review when you write.



FOR effectiveness and beauty where lasting qualities are desired, Anderson's Velvet Poinsettias, as a Christmas Novelty, have no equal, a splendid imitation of the natural flower. Order a few now so you can realize their worth in time to secure your Christmas supply.

Per doz., $2.50; per gross, $27.00.

Special prices on large quantities.

Our catalogue and week'y price current for the asking.

Open 7 a. m., close 6 p. m. Not open for business on Sundays.
Not responsible for flowers after delivery to express company.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow St., Philadelphia, Pa.

1212 New York Ave., WASHINGTON

Mention The Review when you write.



The Moore-Livingston Adjustable Plant Stand (Patented)

The Best Plant Stand

On the market today. Comes in three sizes; is adjustable, and is made of Galvanized Iron or Oxidized Copper. With its aid you can place a plant from 6 to 48 inches from the floor. See illustration. Wire, write or phone us, and we will tell you our nearest agent.

Manufactured by

The Moore-Livingston Co., Lansdowne, Pa.

Mention The Review when you write.

was enjoyed. This club sets a pace no other in this section seems able to follow.

H. H. Jahn, Brooklyn, reports several elaborate weddings in November, a house and church decoration for Judge Hard, and November 17 a yellow mum display at the Mohawk hotel.

Alex. McConnell's big store in the Arcade on Fifth avenue never looked gayer than now. Weddings have been numerous and the outlook is bright for a record season, he says.

The New York Bowling Club, with Robert Berry as captain, began its fall and winter session Wednesday, November 17. They will roll every Wednesday evening during the season if any interest develops. J. AUSTIN SHAW.

The regular monthly meeting of the Horticultural Society took place at the American Museum of Natural History November 10. In the absence of the president, Patrick O'Mara acted as chairman during the business portion of the meeting. It is desired next fall to give an exhibition larger than the one just closed, and to carry this through successfully it is necessary to increase considerably the membership of the society. At the conclusion of the business meeting a paper by W. H. Waite, one of the most successful growers of the chrysanthemum, was read.

George L. Freeman, Holyoke, Mass., reached New York November 12 in company with John F. Murphy, on his way home from a trip into South America, collecting orchids, of which he brought back more than 4,000 pieces. While in New York Mr. Freeman fell into the hands of a reporter for the Evening Post, who made so readable a story of his adventures that it occupied a full column of the front page and carried over more than a column inside.

WOODBURY, N. J.—The boiler room and packing house on the truck farm of Lewis C. Duncan, near this city, were recently destroyed by fire, and one of the greenhouses was also badly damaged. About $2,000 worth of vegetables was ruined and the total loss was estimated at $5,000. Mr. Duncan was temporarily prostrated by the nervous strain.

Niessen's
News Column

We are at a loss to know to what particular line we should call your special attention for the

Thanksgiving Day Trade

In every direction we can only see an ample supply, and the larger portion of the stock will be of excellent quality.

To do a successful and profitable Holiday business, you should first of all buy right. If you will place your

Thanksgiving Day Order

here, we can assure you of

Good Quality, Right Prices, and Prompt and Careful Shipments.

Try our service. We can only expect to hold your trade on the merits of our goods and methods.

MUMS

Good values in all grades. $1.50 to $3.00 per doz.

POMPONS

$3.00 and $4.00 per doz. bunches.

GARDENIAS

Long stems and perfect flowers. $3.00 and $4.00 per doz.

CYPRIPEDIUMS

$2.00 per doz. $15.00 per 100.

VALLEY

Choice quality. $3.00 and $4.00 per 100.

NEW CROP

Bronze Galax Leaves

$1.00 per 1000. $7.50 per case.

BOXWOOD

50-lb. cases at 15c per pound.

We will book your order for immediate delivery, or for shipment any time before Christmas. On large quantities we will make special quotations.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

Thanksgiving Flowers

Chrysanthemums in quantity; yellow, white and pink will be plentiful despite the warm weather. We expect to have enough for all, of high and medium grade blooms at moderate prices. **Violets,** both long stem, and fancy singles. Marie Louise and Lady Campbell doubles are in winter form; we can furnish them in small or large quantities and believe you will find them excellent value. **Choice Carnations, Roses, Easter Lilies** (now an all-year-round flower), **Sweet Peas, Valley** and everything seasonable.

Wild Smilax---New Galax

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS

1619-21 Ranstead St., PHILADELPHIA, PA.

PHILADELPHIA.

The Rising Eastern Market.

Negare non potest quin that the market is in bad shape. Perhaps the Latin show names have gone to my head, or perhaps it is the conditions; anyway it's so. The extraordinarily warm weather prevailing until nearly the end of the week closing November 17, combined with the height of the chrysanthemum season, has brought into bloom an immense quantity of cut flowers of all descriptions, far in excess of the demand. The market, which had been so good earlier in the fall, fell away badly, prices receding to a point almost beyond the endurance of the wholesalers and growers. The business is largely in chrysanthemums at prices showing a wide range, from $4 a dozen for a few fancies and novelties to 4 cents apiece for ordinary stock. It is a significant fact that the street men have purchased chrysanthemums at $10, $12 and in at least one instance $15 a hundred, using them in quantities; these figures were all the stock was worth, all any retailer would have paid for them, and suggest possibilities that the retailers cannot afford to ignore.

The Beauty market advanced for a single day and then fell back in sympathy with the other roses and the absence of special demand. Killarney and My Maryland were so largely overdone that the prices were the worst of the season, quality considered. This was true of all other varieties, Richmond being less favored than pink and white.

Carnations of quality sold well in limited quantities but, excepting now and then, it is hard to find a market for many of them at satisfactory prices. Violets are exceptionally fine and a good many are sold but, like everything else, the warm weather is bringing forward an immense crop. Cattleyas are so scarce the price is advancing. Valley is selling pretty well when nice. The other flowers in the list are as wall flowers, watching the queen of autumn keep time to the music.

The Cheerful Side.

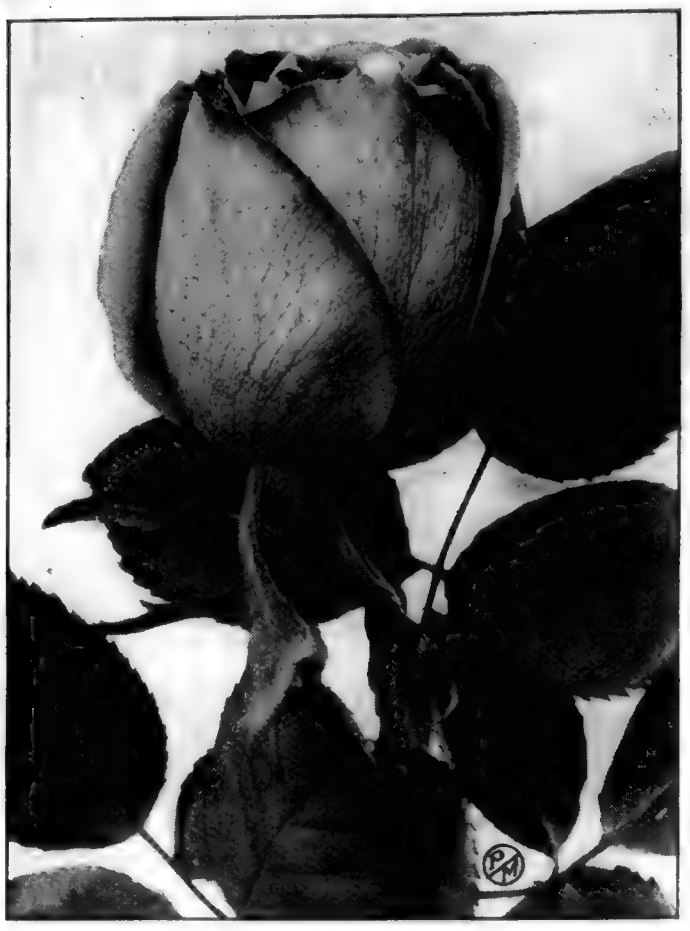
The wholesale flower market was so full of woe that Phil decided to spend a half hour with one of the retailers to see whether anything was being done to help matters. The choice fell on Fred Ehret, because Phil remembered that in the dull month of July Mr. Ehret had been able to meet expenses, no small achievement for a Quaker City retailer in midsummer.

Fred Ehret was so cheerful that it augured well. Mrs. Ehret was busy making up; another good sign. There was a funeral spray of Golden Gate and valley, and a bunch of Killarney for a more cheerful occasion, I think, in which three shades of this popular Irish rose had been effectively combined.

When asked regarding business Mr. Ehret produced a couple of hundred long-stemmed Killarney, asked his visitor what they were worth, nodded approbation at the price named, and then spoke the buying price, which was not higher—no, by no means—and added the selling price, remarking pleasantly: "That leaves a fair margin of profit." This seemed to show that the retailer, at least, is having some fun now.

Mr. Ehret showed me many pretty things: pot chrysanthemums exceedingly well grown, pretty window-boxes, birch bark fern boxes, some pottery ornamented with raised pictures (Mr. Ehret said they were Bible stories), and when Phil passed on to palms to avoid showing his ignorance Mr. Ehret smilingly remarked: "You care more for flowers." That pair of kentias really were superb, they have formed the background for many a happy couple and will for many more, as they actually improve month by month in their favored home about midway between the Floral Arcadia and Fourteen-seven, or just where Mr. Ehret's two stores join.

As his visitor departed Mr. Ehret said pleasantly: "The grower has the best end of it, because he brings his flowers here and then just comes and collects the money, while we have to sell them." Mrs. Ehret said that was so.



P M QUALITY

Some Specials
For Thanksgiving Week

Beauties, My Maryland and the 2 Killarneys leaders on the Rose list. Our Beauty growers will be in with a full crop, all lengths, especially the better grades. Quality the best coming to the Philadelphia market, the long, heavy bud, rich, deep color. My Maryland and Killarney, some magnificent, long-stemmed specials, the kind every up-to-date florist wants. White Killarney is gaining friends every day and has come to stay; quality, if anything, better than its pink sister.

Prices	Special	Fancy	Extra	1st	2d
BEAUTIES.....per doz.,	$ 4.00	$3.00	$2.00	$1.50	$1.00
The 2 KILLARNEYS...100	10.00	8.00	6 00	5.00	3.00
MARYLAND..... "	10.00	8.00	6.00	5.00	3.00

Chrysanthemums A splendid lot of late varieties, principally Bonnaffon; Dear Friend, dark and light; Chadwick, white and golden; Nonin; Eaton, yellow and white.

Prices—Medium, $1.50-$2.00; Fancy, $3.00; Select, $4.00-$5.00.

Carnations Length of stem and quality of flower much finer than earlier in the season, and the average has been far better than other seasons.

Specials, $4.00; Fancy, $3.00; Firsts, $2.00.

CARNATIONS—In lots of 500 or over, our selection, good quality, per 100, $2.50.
ROSES—In lots of 200 or more, our selection, per 100, $3.00.

Open 7 a. m., close 6 p. m. Not open for business on Sundays. Not responsible for flowers after delivery to express company.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF
1608-20 LUDLOW ST., PHILADELPHIA, PA.
1212 New York Ave., WASHINGTON

Mention The Review when you write.

Narrow Widths in Gauze Ribbons

No. 2, 25c per piece No. 5, 35c per piece
10-Yard Pieces
COLORS ARE

White	Nile	Cardinal
Maize	Violet	Cerise
Pink	Purple	Moss Green

SAMPLES FREE OF

Taffeta and Satin Taffeta Ribbons
in florists' shades and widths—also attractive Chiffons

The Pine Tree Silk Mills Company
Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

A Popular Flower Show.

When Oglesby Paul became landscape gardener of Fairmount park, he inaugurated some new ideas that he believed would appeal to the people. One of the most important of these changes, was the annual chrysanthemum show. Before Mr. Paul's day, visitors to Horticultural hall could see chrysanthemums during the autumn, fine ones too, but they had to look for them, no especial effort being made at display. Since the shows have been made a yearly feature, the east, or Schuylkill river end of the hall, has been set apart for them, and there all that is worth seeing in chrysanthemums is gathered and displayed to the best advantage. The prevailing idea in the park show is effect. This idea has been improved, year by year, until today it has reached a point never before seen in Philadelphia. An artistic triumph has been achieved, of which Charles Baxter or George Rausch might well be proud.

The south end of the show room is banked in pink chrysanthemums shading to white beyond, with an occasional plant of another color by way of contrast. The effect of this beautifully graded bank of color is superb, thirty feet wide, twelve or fifteen feet high, sloping gradually, not a bloom out of place, one even sheet of medium size well-colored flowers fringed with green. The north end bank is of gold and bronze. The same width, not quite so deep as the south end, a more abrupt slope permissible with the bolder color. The red of Cullingfordi and a few whites complete the artist's daring scheme. Between these banks of color, beds are laid out as of a Japanese garden, the smaller flowers in yellow and white rising daintily from their leafy beds, while the larger stand out boldly, in groups, from pedestals at curves and corners. The practical side is demonstrated by the free use of aspidistras defining the paths, their leathery foliage bidding defiance alike to skirts and trousers.

An immense throng visited the park on the opening day of the show, a throng so great as to require all the efforts of an additional force of gray coated guards to "Keep moving, please," strongly attesting the great popularity of the park show.

I wish to doff my hat, with admiring respect, to every man who contributed with brain or brawn to a show that will do so much to elevate popular taste in plants and flowers.

Will that do, Xavier?

Various Notes.

The attendance at the show was the largest on the second day, November 10.

The Moore-Livingston Co. exhibited its plant stands at the show last week.

MICHELL'S

Special Offer

FROM

Nov. 21 to Nov. 27

VERBENA SEED

Michell's Mammoth Fancy Strain

This is without doubt the finest strain ever offered to the trade, combining large size, purity of color, and free flowering qualities.

	Tr. Pkt.	Oz.
Blue	$0.30	$1.25
Pink	.30	1.25
Scarlet	.30	1.25
White	.30	1.25
Mixed	.30	1.00

BEGONIA SEED

Vernon	.25	2.50
Semperflorens Mixed	.30	1.50

SWEET PEAS

WINTER FLOWERING

Christmas Pink, Pink and White.

Christmas White (Florence Denzer).

Mrs. Alex. Wallace, Lavender.

Price, 25c per oz.; ¼-lb., 75c; $2.00 per lb.

Also all other valuable varieties as listed in our Wholesale Catalogue, a copy of which is Free for the asking.

VINCA SEED

A Money Maker For The Florist.

Alba, White with Rose center.
Alba Pura, Pure White.
Rosea, Pink.

Price, 20c per trade pkt.; 60c per oz.

Mixed, 15c per trade pkt.; 50c per oz.

ASPARAGUS SEED

(PLUMOSUS NANUS)

Greenhouse grown. We are headquarters.

100 seeds	$ 0.50
500 seeds	2.00
1000 seeds	3.50
5000 seeds	16.00
10,000 seeds	30.00

MOSS

Green Lump

In bags containing about 1 bbl., 75c per bag.

Henry F. Michell Co.

Market Street,
Above 10th Street,
PHILADELPHIA, PA.

It seems the most practical plant stand of the day.

The Anglo-American Spawn Co., Kennett, Pa., made a display of the mushroom spawn which has proved so productive with many leading growers.

Among recent visitors to this city were Wallace R. Pierson, Cromwell, Conn.; Lloyd G. Blick, Norfolk, Va.; Ira G. Marvin and Mrs. Marvin, Wilkesbarre, Pa.; Mrs. S. E. Sherrer and Mrs. Charles Vorkeller, Bethlehem, Pa.; O. J. Sawyer, Allentown, Pa.; James Johnson, Nazareth, Pa.; John Stanley and John Rogers, Whitford, Pa.; George W. Carr, Kingston, Pa.; Ernest Ashley and Mrs. Ashley, Allentown, Pa.; Mr. Sykes and Mrs. Sykes.

William J. Moore has been transferred from the Pennock-Meehan headquarters in this city to the Washington branch.

F. Herbert Steinmetz, 51 North Eighth street, will open a handsome new store at the northeast corner of Twentieth and Locust streets this week. Mr. Steinmetz's venture in the heart of the residence district is full of bright promise.

Edwin Lonsdale paid a farewell visit to the Robert Craig Co. this week, going out with Mr. Craig to his new place at Norwood, with which he was well pleased.

Benjamin Harry, a young lawyer of Norristown, son of Winfield Harry, of Conshohocken, florist, and brother of W. C. Harry of the Sign of the Rose, met with a tragic death in a railroad accident this week. His loss is deeply felt by many friends.

Harry Bayersdorfer, the merchant prince of this city, has the sympathy of his many friends in a sad loss that occurred in his family this week.

John Savage, Gwynedd Valley, Pa., is specializing asparagus, sweet peas and snapdragon. He now has a fine stock of a pink sport that he owns exclusively.

M. Rice finds 1909 his best business year.

It is reported that the commissioners of Fairmount park have purchased for a nominal sum the collection of rare and valuable plants belonging to the national government at Washington, D. C. A palm, eighteen feet high and the only one of its species in this country, known as Latania Commersonii, is worth $30,000. Another rare and valuable plant is the Napoleonia Imperialis and bears a purple flower. The collection is to be brought here in a few weeks and placed on exhibition in Fairmount park.

Alfred Burton is cutting Cattleya labiata from his newly imported plants.

H. Bayersdorfer & Co. report heavy receipt of Porto Rican mats. PHIL.

BOSTON.

The Market.

Some improvement is now noticeable in cut flower conditions. The number of chrysanthemums arriving is declining a little, growers probably having decided to hold as many as possible for Thanksgiving trade, owing to prevailing low prices. Chrysanthemums are the hardest flowers to move, but the present week should see the end of the congestion. Roses, which have been selling at low prices hitherto, this month are taking on more life. The quality of these is steadily improving. Carnations, while still in oversupply, are cleaning up better, with a slight hardening tendency. Violets are abundant and there is little change in

To The Trade Only

We are offering special **New** Bronze or Green Galax, cases of 10,000 at our store, $7.00; delivered, $7.50 (you can have these cases mixed if you so wish).

We are getting weekly shipments of Wild Smilax, Boxwood, Leucothoe, Fancy Ferns and Red Berries, all at special rates in case lots.

Don't forget that we are Mum headquarters for Thanksgiving. Our special 15 greenhouses of Bonnaffon, by the 100, $10.00 and $12.50; fancy, by the dozen, $2.00; at our store or direct to you.

$10.00 lot of Wire Work delivered anywhere for $7.00. Select what you need; stock up.

Krick letter special, per 100, $2.35; per 200, $4.50.

Going out of the Ribbon business. We have 500 bolts at almost your own price.

White, pink, lavender.

Size, 9, 12, 16, 22.

Price, 62½c, 77½c, $1.00, $1.12½.

Extra:—We want to say that we are Commission Brokers and if we have not got what you want we will buy it for you. Cut Flowers, Greenhouse Supplies, or Florists' Supplies; in fact, anything; no trouble, as our buyers are in the market all the time.

Note:—We are exclusive commission men and play no favorites. We sell only Wholesale **To The Trade.** Positively no goods at Retail.

Show us.

Very truly yours,

Kennicott Bros. Co.

48 to 50 Wabash Ave., CHICAGO

P. S. A knock is as good as a boost. Let the other fellow "tell you the story." If you have anything to sell, ship to us and get your money each week.

THE Florists' Supply House of America

Your Bon-Ton Customers

will be pleased with one of the prettiest bits of floral fancies we have ever offered, a long handled, gold rimmed, white reed basket of modest size, the gold and white prettily finished. This is the sort of favor you want for a smart affair where quality must be.

LEAVES AND WREATHS. We told you last week of our silver-gray **MAGNOLIA,** green and brown; in brown, leather red, yellow, green our **STATICE** and our **STATICE WREATHS;** our **RUSCUS WREATHS** of smilax-like simplicity. This week we want to tell you of our **HOLLY WREATHS,** just come, of our **IMMORTELLES and IMMORTELLE WREATHS,** of our **OAK SPRAYS** and **FERN FRONDS,** in many pleasing sorts.

SEA MOSS. We have just received 100,000 bunches of sea moss, **JAPANESE AIR PLANTS,** to replace the same number we have just sent out. Now is the time to get them.

THANKSGIVING BASKETS. Turkeys and Peacocks, just the thing to suggest Thanksgiving, when filled with fruit and flowers and other good cheer.

VELVET POINSETTIA. Like life, exquisite finish, everyone admires it.

Everything in Florists' Supplies; send for our Illustrated Catalogue.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.



261 Scoop 263 Spider

Florists' Baskets

Here are two of our many and graceful centerpiece and display baskets. The uses of such baskets for decorative purposes are so numerous that the suggestion of them ought to be sufficient.

Prices to the Trade { 12-in. long, $1.00 ea. 21 in. long, $1.50 ea. 15-in. long, 1.15 ea. 24-in. long, 1.75 ea. 18-in. long, 1.30 ea. 27-in. long, 2.25 ea.

MADISON BASKETCRAFT CO.
MADISON, O.
Send for illustrated catalogue

Mention The Review when you write.

prices. Thanks to the prevailing mild weather, they are selling quite well.

Small lots of Paper White narcissi and Roman hyacinths are coming from several growers, but the demand for this stock is not brisk as yet. Lilies and callas are both of fine quality. Lily of the valley meets with a fairly steady sale. There is still an abundant supply of seasonable orchid flowers and a fair lot of gardenias. Bouvardia Humboldtii is coming of good quality. Green stock remains about the same. In pot plants there is more activity, Lorraine begonias, palms and ferns being chiefly in demand.

Massachusetts Horticultural Society.

The annual meeting of the Massachusetts Horticultural Society was held, November 13, at Horticultural hall. The sum of $9,000 was appropriated for prizes and gratuities at the exhibitions to be held during 1910; of this sum, $5,000 is for the big orchid show scheduled for the latter part of May. There was no opposition to the ticket presented by the nominating committee and the following officers were elected: President, Stephen M. Weld; vice-president, Walter Hunnewell; trustees for three years, W. N. Craig, A. F. Estabrook, J. K. M. L. Farquhar and N. T. Kidder; nominating committee for 1910, Charles H. Breck, Duncan Finlayson, H. F. Hall, C. S. Minot and Herbert W. Rawson.

Club Meeting.

The meeting, November 16, was one of the largest the club has yet held. A number of ladies were present, the attendance approximating 200. The amendment to the by-laws, providing for life memberships, was voted down.

Officers for 1910 were nominated as follows: For president, W. Downs, J. W. Duncan; vice-president, D. Finlayson, W. J. Kennedy, Peter Miller; treasurer, Edw. Hatch; secretary, W. N. Craig; executive committee, J. Heurlin, R. W. Curtis, W. E. Fischer, P. Fisher, H. A. Stevens, J. P. A. Guerineau, T. Pegler, Chas. Holbrow, H. E. Fiske, C. J. Harvey, G. W. Butterworth.

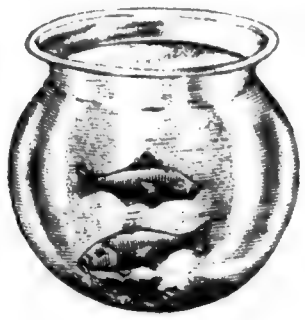
The speaker of the evening was Miss L. L. Hetzer, of Groton, Mass., one of the few lady members of the club, who spoke interestingly on a trip to Europe via the Azores and the various horticultural sights seen. At the public gardens in the Azores, the vegetation was quite tropical; lofty palms, roses resembling trees in height and spread, camellias and magnolias were noteworthy. All carried splendid dark green foliage. At Gibraltar, the public gardens, laid out in terraces on the hillside and shaded by the picturesque umbrella pine, Pinus Pinea, were full of interest. Huge cork trees, Quercus Ilex, were used as street trees, while the hillsides were golden with Scotch broom. In southern Italy, gardening and farming methods seem crude, but nature helped where man lacked. In sandy soil rosemary and lavender grow five to six feet high. Sweet alyssum, snapdragons and scabiosa were familiar roadside flowers. The finest hedges were of Laurus nobilis. The street trees were kept low and interlaced to shade the walks fully. Evergreen privets made handsome shade trees. Among fruits, cherries were marvelous in size, resembling crabapples and of superb flavor. Ivy-leaved geraniums hung in perfect cascades over walls and from windows.

The forests of Germany were a revelation, absolutely clear of all underbrush, every trunk straight and free from all dead wood, a model for America to copy from. Switzerland is a veritable paradise of flowers, especially above the timber line, where they simply carpeted the ground everywhere.

England was truly a land of luxuriant vegetation. Owing to a damp summer, everything was a dark green color. Trees carried such a wealth of foliage that New England trees seemed bare by comparison, although here we get glorious autumnal tints unknown there. The various nurseries visited all gave one the

100 LIVE GOLDFISH FREE

We are giving away, **FREE** of all charge, to one florist in each town, 100 live, healthy Goldfish. The florist can give one Fish to each customer as a premium and thereby increase his regular sales. The majority of people who never handled Goldfish have the mistaken idea that Goldfish die very rapidly and are a great care. Handle Fish as we instruct and you will not lose two out of a hundred and they will be but little care. There is nothing that you can put in your window that will attract more attention than Goldfish.



Special Offer—Here is a Profit for You

INVEST $16.00 IN OUR COMBINATION NO. 10, AND **REALIZE $30.65**

CONTAINS THE FOLLOWING:

12 10c Globes	1 $1.00 Globe	100 10c Fish
12 25c Globes	1 $1.25 Globe	25 15c Fish
6 50c Globes	6 Castles, $1.50	6 10c bunches Moss
1 box Pebbles, 10c.	3 small Castles, 45c	48 10c boxes Fish Food

FREE with each outfit, 100 Fish to sell or give away. 250 circulars. One dip net.

Imported and American Goldfish, from $2.00 up per 100

We Manufacture WINDOW AQUARIUMS

Send for Catalogue. **The Auburndale Goldfish Company,** New No. 920 W. Randolph St., CHICAGO, ILL.

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impression that they were private estates, so beautifully are they kept. At Veitch's branch nursery, at Slough, hardy roses were fine, the Lyon, of a charming coppery pink color, being one of the best. At the extensive Dickson's Nurseries, in Chester, among other noteworthy roses, the new race of Irish singles were fine, the best being a yellow variety named Modesty.

Eaton Hall, near Chester, the palatial and finely kept estate of the Duke of Westminster, was visited and here endless fine specimen trees, both deciduous and evergreen, were seen. Among rambler roses, Hiawatha and Dorothy Perkins, both as standards and climbers, were seen. A hedge, ten feet high, of the last named had just finished blooming August 27. The extensive greenhouses were beautifully kept. Borders of hardy perennials were fine and well planted as to color, one of yellow and white with occasional touches of lavender being charming, with perfectly grown and clipped yew hedges forming a background for each of them. Clematis paniculata and C. Jackmani, growing and flowering together, made a pretty combination.

At Lovens Hall, in Westmoreland, the splendid old topiary garden planted in 1688, was well worthy of a visit. Here and elsewhere, throughout the beautiful English lake region, were many fine specimen beeches, oaks, araucarias and other trees. Arabis albida flore pleno at a Windermere nursery, hanging over the walls and blooming the last of August, made a pretty picture.

A rising vote of thanks was tendered Miss Hetzer for her excellent paper, and the wish was expressed, that while she was the first lady lecturer the club has had, others, it was hoped, would follow.

It was announced that at the January meeting, E. H. Wilson, the noted plant collector, would deliver a stereopticon lecture on "Plant Collecting and the Flora of Western China." A letter from F. R. Pierson was read, asking the club to send a committee of three, to coöperate with the S. A. F. and other committees, for the national spring show of 1911. The committee named is Welch, T. Roland and D. Finlayson.

There were many exhibits.

PETER REINBERG

35 Randolph St., CHICAGO

Thanksgiving Price List

American Beauties	Doz.
Long stems	$4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$0.75 to 1.00

ROSES	Per 100
Richmond	$4.00 to $10.00
Bride	4.00 to 8.00
Maid	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6 00
Uncle John	4.00 to 6.00
Killarney	4.00 to 8 00
My Maryland	4 00 to 10.00
Mrs. Field	4.00 to 10.00
Carnations	3.00 to 4.00
Mums.doz., $1.50 to $3	
Ferns ..... per 1000,	1.50
Asparagus...bunches	.50 to .75

ROSES, our selection, $4.00 per 100

Mention The Review when you write.

Various Notes.

President F. R. Pierson, of the S. A. F., has called a meeting for November 19 of the committee appointed to carry out the details of the proposed national show in Boston in the spring of 1911. Committees from the wholesale flower markets, Massachusetts Horticultural Society, and Gardeners' and Florists' Club have been invited to attend, and it is hoped to start preliminary work at once.

The new icechest at the Park street market is now in service. It covers 500 square feet of space. One part is allotted to roses, the balance to other flowers.

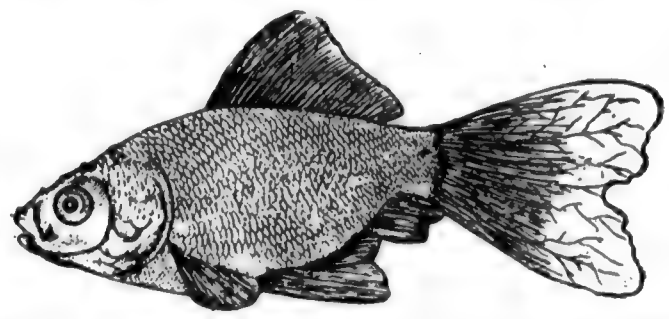
Penn Bros., on Bromfield street, always have their big show window attractively arranged. They make a specialty of violets, which they handle in large quantities. At present they are using a variety of orchids and chrysanthemums for window adornment.

The Bay State Nurseries have had a heavy fall trade for nursery stock, evergreens in particular being disposed of in large quantities.

Peirce Bros. at present are handling large quantities of chrysanthemums of



THE GOLD



KING'S HOLIDAY OFFER



HERE IS AN OPPORTUNITY that no far-seeing Florist can afford to overlook. MY HOLIDAY OFFER IS A SURE MEANS OF PROFIT and just the opportunity for the Florist who has never handled Goldfish, Aquaria Goods, etc., and wishes to give this line a fair trial. This exceptional offer embraces a well chosen and wide range of Globes, Goldfish, etc., that will allow you to make excellent display. The outlay is small, the gain large and you cannot fail to profit by the investment.

Goldfish and Aquariums are most acceptable Holiday Gifts.
Pleasing to young and old, rich and poor.

Invest $20.50 Realize $55.00 Gain $34.50

For $20.50 I Will Send You The Following:

6 Tripod Aquariums complete with 2 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells for each, satin bow and brass chain. RETAILS AT $1.00 PER OUTFIT	$ 6.00
6 Pint Globes with 2 Goldfish for each. RETAILS AT 25c PER OUTFIT	1.50
6 Quart Globes with 2 Goldfish, Aquaria Plant, Pebbles and Shells for each. RETAILS AT 35c PER OUTFIT	2.10
6 Novelty Globes with beaded rim and brass chain complete with 2 Goldfish, Plant, Pebbles and Shells for each. RETAILS AT 40c PER OUTFIT	2.40
6 Half Gallon Globes complete with 2 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells for each. RETAILS AT 50c PER OUTFIT	3.00
6 One Gallon Globes complete with 3 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells and Floating Duck for each. RETAILS AT $1.25 PER OUTFIT	7.50
6 Two Gallon Globes complete with 4 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells and Large Floating Duck for each. RETAILS AT $2.25 PER OUTFIT	13.50
2 Three Gallon Globes complete with 6 Goldfish, Large Aquaria Ornament, Plant, Pebbles and Shells, Large Floating Duck, Imported Majolica or Lava Base for each. RETAILS AT $3.50 PER OUTFIT	7.00
1 One and a Half Gallon American Footed Globe complete with 4 Goldfish, Large Aquaria Ornament, Plant Pebbles and Shells and Floating Duck. RETAILS AT	2.50
45 Boxes Fish Food (Imported Wafers). RETAILS AT 10c PER BOX	4.50
EXTRA	
25 Medium Goldfish. RETAIL AT 10c each	2.50
25 Silverfish. RETAIL AT 5c each	1.25
25 Tadpoles. RETAIL AT 5c each	1.25
GRAND TOTAL	**$55.00**



Terms: Strictly cash. Order will receive immediate attention. Goods forwarded by freight, goldfish and plants by express. Take advantage of this greatest of offers. Other florists have found goldfish profitable, so will you. Latest Catalogue on Goldfish, Aquaria Supplies, Birds, Cages, Bird Foods, etc., mailed on request.



BISHOP the Bird Man and Pioneer Goldfish King

Established 35 years. Main Store, Office and Shipping Dept.,

12 N. Front Street, BALTIMORE, MD.

Mention The Review when you write.

the leading commercial varieties. They are also growing gardenias for the first time.

Thomas Roland's Lorraine begonias are unusually fine this season. He has an immense batch of cyclamen coming on for Christmas, as well as many other seasonable flowering plants.

The Gardeners' and Florists' Club has an invitation to hold a field day, December 11, at Nashua, N. H., when the establishments of George E. Buxton and August Gaedeke & Co. are to be inspected.

In the last issue of the REVIEW, under Boston notes, Langwater Gardens are given second prize on garden of spring flowers, when it should have been first prize. F. W. Dahl was first for the small estate, one to three-acre class.

W. N. CRAIG.

INDIANAPOLIS.

The Market.

Business last week was nothing to brag about. Several fair-sized decorations, with a little funeral work, helped a little, but not enough to call for any overtime. Flowers are plentiful, especially chrysanthemums, which can be bought at your own price at the flower market. The weather still continues warm and there will be no relief until the cold weather arrives.

Various Notes.

The regular monthly meeting of the State Florists' Association of Indiana was held in the Horticultural rooms at the State House Tuesday, November 9. The meeting was well attended, there being a number of out-of-town florists present. A number of vases of seedling mums and carnations were shown, some of which showed considerable "class." Roepke & Rieman staged a vase of about one dozen first-year seedlings, among them being an incurved pink seedling about the color of Chamberlain, that looked good, also a large white exhibition bloom about eight inches in diameter that attracted considerable attention. It is pretty hard to judge these blooms, owing to their being first-year seedlings, but no doubt there are some good ones in the lot. H. W. Rieman had several vases of pink and white mum seedlings, all of which were good. He also had a number of vases of carnations, among them a dark crimson, a Lawson pink and a rose-pink. Baur & Smith had a number of vases of carnations, among them being a white seedling, No. 666, of the third year from White Perfection blood, but a freer bloomer and a larger flower, and a scarlet, No. 507, a cross between Robert Craig and Victory, with a shade intermediate. Mr. Baur says the latter has the faults of neither and the good qualities of both. This should be a winner. They also had a purple, No. 319, which was good for a purple. This firm also had a vase of their new white carnation, Shasta, on exhibition, which they cannot praise enough. Mr. Baur says each plant produced two flowers for October and the buds are getting more numerous every day.

John Elsner has a pink seedling pot mum which he thinks is the best yet.

W. W. Coles, of Kokomo, stopped in

No Man is a Better Judge Than The Man Who Buys

We leave the Buyers to judge our stock, for we know we can please them on both quality and prices.

We bend our energies to producing a uniform grade of

First-class Commercial Stock

The Kind The Trade Uses in Quantity

Roses in all varieties, Carnations of leading sorts, and all other cut flowers and greens of the quality that will take with YOUR trade. Many of the largest buyers rely on us for all their supply, but we have the quantity to take care of others. Order and see for yourself.

We are booking THANKSGIVING orders now. Order of us and insure getting the best selling stock in the market.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

the city on his way to the St. Louis show.

Martin Reukauf stopped in the city last week on his return trip from the coast. He reports a successful trip.

Irvin Bertermann was one of the judges at the St. Louis show last week.

J. S. Stuart, of Anderson, and Bert Stanley were in the city last week, attending the meeting of the State Florists' Association.

Homer Wiegand spent a few days quail hunting last week.

Hartje & Elder have been sending in some fine Golden Wedding mums. These are the best mums to be seen here this year.

A. Wiegand & Sons have been cutting quite a lot of labiatas and have found ready sale for them to their own retail trade.

W. H. Elverson was a visitor last week. H. L. W.

PROVIDENCE, R. I.

The Market.

Indian summer has been experienced in this city and vicinity with a vengeance during the last week. November 13 the thermometer broke the record for this season of the year, going up to 78. There is almost a glut of chrysanthemums, and they are soft and do not stand up as well as usual. Prices are low and stock moves with an apathy that is discouraging. With a fall in temperature prices will harden, blooms will be better and by Thanksgiving it is expected that conditions will be normal.

Roses, carnations and violets hold well, but there is a growing demand for novelties, although local growers seem loath to branch out, and few appear to take kindly to going into anything except the standard stock.

Various Notes.

Thomas Curley has had a large force of men at work putting the State House grounds into condition for the winter.

Charles Coon, superintendent of Wilcox park, at Westerly, is making rapid advance in his recovery from a recent severe sickness.

Walter Nichols, of Hampden Meadows, is sending in some fine carnations of good size, long stems and solid colors.

M. Pollock was busy the past week on funeral orders.

The Hogg greenhouses, Theodore R. Peterson manager, had the decoration in hand for ladies' night at the West Side club, Wednesday evening, November 10.

Secretary John C. Dunn, of the State Board of Agriculture, has returned from Raleigh, N. C., where he represented Rhode Island at the National Farmers' Congress.

The death of Elmer Parmenter, which occurred as the result of a collision between an automobile and a trolley car at the junction of Hope and Seventh streets, November 2, when Mr. Parmenter was a passenger in the automobile, is being investigated by the coroner.

At the funeral of Mrs. Peter Collier, at St. Stephen's church, November 13, the display of floral pieces was unusually large. T. O'Connor, Johnston Bros. and the T. J. Johnston Co. furnished numerous pieces each.

Nathan D. Pierce, of Norwood, is driven with orders for nursery stock, as well as ferns of all kinds. A few days ago he employed a neighbor to do some plowing with a pair of horses. The following morning one horse died and later in the day the second. An investigation is being made concerning the incident.

William Mackay, who recently took charge as head gardener for the Commo-

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, **25c each,** by mail postage paid. **By the dozen, $3.00,** postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.

Wild Smilax, Mistletoe and Magnolia Branches

FRESH STOCK, GOOD WEIGHT AND CHEAP RATES

LANE & BRYAN, Marion, Ala.

Mention The Review when you write.

Lily of the Valley

For Cut Flowers—Prices, $3.00 and $4.00 per 100. Have an entire house of it and solicit a share of the trade of the Southwest. Satisfaction guaranteed. Shipping facilities are the best and we can handle all orders.

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XXXX HOLLY $5.00 per case



Laurel Wreaths, $2.50 per doz. and up.
Laurel Festooning, 6c per yd.
Boxwood Wreaths, $6.00 to $18.00 per doz.
Princess Pine Festooning, made all round, $6.00 100 yds.

Bu. Laurel, 50c.
Leucothoe Sprays, $1.00 per 1000; $7.50 per 10 000.
Fancy and Dagger Ferns, $1.25 per 1000.
Green and Bronze Galax. Green, $1.00, 1000; Bronze, $1.50, 1000.



Cut Boxwood Sprays

$16.00 per 100 lbs.

Full line of Florists' Supplies. All kinds of Insecticides. Seasonable Cut Flowers. Chrysanthemums and Carnations in all standard varieties. Roses—Beauties, Richmonds, Marylands, the two Killarneys, Brides and Maids. Lilies, Orchids, Gardenias, Valley, Violets, Adiantum, Asparagus.

Henry M. Robinson & Co.

TELEPHONES
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Wholesale Commission Florists

15 Province St., and 9 Chapman Pl., BOSTON, MASS.

Orders filled promptly, properly and to your satisfaction.

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New Bronze Galax

This Year's Stock,
Per case of 10,000, $6.50.

C. E. CRITCHELL, Cincinnati, Ohio

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dore Gerry estate at Newport, has become a member of the Newport Horticultural Society.

J. H. Cushing, of the Quidneck greenhouses, Quidneck, is sending in hundreds of fine mums daily. They are not especially large but are of excellent quality.

Mr. Pierce, who started a few months ago raising violets at his new place in Rehoboth, brought in his first cuttings November 13. They are exceptionally good in color, size and strength. He reports a large crop.

A representative of the King Construction Co., of North Tonawanda, N. Y., was in this city November 12, looking over plans for the new houses which William Hay intends putting up on his place at Oaklawn.

An unsuccessful attempt was made to burn the seed and furnishing store of the W. E. Barrett Co., 65-67 Canal street, Saturday night, November 6. A quantity of hay, straw and papers was placed against the rear of the building and set fire to, but the blaze was discovered before the building had become ignited.

J. J. Butler, of Newport, is supplying an immense privet hedge for the estate of Mrs. Richard Gambrill, in Newport. The hedge is to take the place of a cedar one, and the moving of it across the city attracts much attention.

W. H. M.

Fancy or Dagger Ferns

75c per 1000

Tel. Office, New Salem, Mass.
L. D. Phone Connection.



MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yd. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00.
Pine, 7c per lb.
Partridge Berries, 10c per bunch. Try them: they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel and Pine Wreaths, when wanted. **Boxwood, etc.**

CROWL FERN CO., - Millington, Mass.

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J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10.000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss

All orders filled promptly. **BANNERS ELK, N.C.**



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PRINCETON, IND.—The Princeton Gardens have been incorporated, with a capital of $25,000, by W. J. Ritterskamp, L. A. Ritterskamp and J. T. Hannan.

HOLLY-HOLLY-HOLLY

If you are in the market for some FANCY DELAWARE HOLLY, let me hear from you. I have contracted for the Holly off of 175 acres of swamp woods in Delaware and it contains some of the finest dark green Holly trees that ever grew, and it is chock full of Berries. I will have it packed in regular size cases, 2x2x4, and guaranteed as represented. Will be ready to ship about December 1st. Price per case, $3.00; 10 case lots or over, $2.75. Special quotation on 50 cases or over. Shipped direct from the woods.

HOLLY WREATHS

My Holly Wreaths will be made of the very finest selected dark green Holly on 10-inch hoops, and will be well-berried. $10.00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING

My Laurel Wreathing will be made of the brightest Swamp Laurel that it is possible to secure in 25 and 50-yard lengths. Price, 8c per yard.

MISTLETOE

My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $5.00 to $10.00 according to quality.

LYCOPODIUM, in 10 yard rolls, 8½c and 10c per yard.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Reference: 6th National Bank. Mutual Trust Co. **Philadelphia, Pa.**

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PHILADELPHIA SHOW.

(Continued from page 17.)

where the botanist lingered over his tiny specialties, in the smallest pots made.

The end of the hall, against the grand stairway, contained some fine stock. The specimen plants included a Dracæna Sanderiana, rarely seen among the big fellows. John W. McIntyre had a pretty table containing a vase each of French white lilacs, yellow daisies, double violets and lavender sweet peas. Farther on, the same exhibitor had pink and white sweet peas, large blooms on long stems. Beside this, the Robert Craig Co. had a specimen pan, of great size, of Lorraine begonia, Lonsdale type, exceedingly well grown.

The varieties of chrysanthemums grown as specimen plants, and placed in the center of the hall, showed little change from previous years. The Cockerhill prizes keep the pompon varieties alive, while such good old-timers as George W. Childs, Merza, Col. Appleton, Mrs. Weeks, etc., still reign. The novelties in this class are two groups of the single flowered varieties of the anemone type. To me these groups recall exquisitely colored Cineraria stellata, in their masses of bloom.

The foyer was filled with specimen ferns and foliage plants from the finest suburban greenhouses, plants that could not be duplicated here in many years. After going carefully over this section I wrote down the names of six wonderful ferns grown by Thomas Long, as most worthy of record, but on reflection the names are omitted, as it is the grower, rather than the varieties, that is responsible for the result, and few if any of us can hope to produce such stock. The same exhibitor brought a new nephrolepis, said to be the only plant of this variety in the country. It is called N. exaltata superba and may be briefly described as a plumed Boston. This fern received the society's silver medal.

The cream of the exhibition staged between the main hall and the foyer was the cut blooms of chrysanthemums. The competition was intense here, and such flowers are worth traveling miles to see—perfect in color, form and foliage, of immense size and held erect on stout stems.

The class for fifty blooms, ten varieties of five each, brought out: Charles Totty, bronze red; Dr. Enguehard, pink; General Hutton, yellow; Mrs. Wm. Duckham, yellow; Lynnwood Hall, white; Miss May Frick, white; Mrs. J. C. Neil, yellow; Morton F. Plant, rose-pink; Wm. Duckham, pink, and Mary Donnellan, orange.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

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....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

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FERNS! FERNS! FRESH AND FINE. Prompt service. Quality guaranteed.

Fancy or Dagger Ferns	$1.00 per 1000,	$3.50 per case of	5000
Green or Bronze Galax	.50 "	4.50 "	10,000
Green Leucothoe Sprays, large			$2.00 per 1000
" " " "	12 to 16 inch		1.25 "
Bronze " " "			3.00 "



Holly, very fine, $3.00 per case, 2x2x4.

THE MOUNTAIN FERN CO. :: BUTLER, TENN.

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Galax and Ferns

New crop, fresh from the patch.

Bronze Galax	$0.50 per 1000
Green Galax Leaves	.45 "
Fancy and Dagger Ferns	.70 "
Green Leucothoe Sprays	2.00 "

I have had nine years' experience, which enables me to guarantee perfect satisfaction. Send cash with first order. Please give me a chance to ship you a small order and I am sure that I will secure your large orders too.

E. F. TESTER & CO.

WATAUGA FALLS, N. C.

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FERNS and GALAX New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

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FERNS, GALAX, LEUCOTHOE

Only fresh stock handled.
Prices f. o. b. Elk Park, N. C.

Galax, bronze or green	50c per 1000
Galax, smaller size	40c per 1000
Fancy or Dagger Ferns	$1.00 per 1000
Green Leucothoe Sprays, long	2.00 per 1000
Green Leucothoe Sprays, 10 to 15-in.	$1.00 per 1000

Terms cash.
Reference, Citizens' Bank, Elk Park, N. C.

F. H. STINSON, Banners Elk, N. C.

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Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

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Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per bunch.....25c Per case of 50 lbs.. 7.50

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7 50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

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Per 100..... .....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.00 Per 50 lb. case.. 5.00

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$12.50 PER 100 LBS.

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GROUND PINE

For wreathing, roping, etc. Best selected Pennsylvania stock. $6.50 per 100 lbs.

Ferns, $1 per 1000
GREEN and BRONZE GALAX

HOLLY WREATHS
RED BERRIES, LAUREL

Pittsburg Florists' Exchange
15 Diamond Square, PITTSBURG, PA.

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Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50	per 1000
Galax, green, violet size, 2 to 2½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.

Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

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READY NOW For Fall and Winter Shipments.

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Dealer in
FANCY AND DAGGER FERNS
SAVOY CENTRE, MASS.

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Southern Wild Smilax
Ferns, Pines, Palms, Holly
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113 W. 28th St., NEW YORK
WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Christmas Greens, Holly, Mistletoe, Pine Plumes, Table and Christmas Trees. **All Decorating Material in Season.**

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FERNS, GALAX, ETC.

Fancy or Dagger Ferns	90c per 1000 or $3.25 per case of 5000
Green Galax	50c per 1000 or $1.00 per case of 10 000
Green Leucothoe Sprays	$2.00 per 1000
Green Leucothoe Sprays, 12 to 16-in	1.25 per 1000
Bronze Galax	50c per 1000; $1.00 per case
Bronze Sprays	3 00 per 1000
Holly	3 00 per case

——Quality Guaranteed.——



WATAUGA EVERGREEN CO., :: :: **BUTLER, TENN**

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Fancy
Maryland
Delaware
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HOLLY

Holly, long or short branches, per case	$3.00
Green Sheet or Log Moss, per bbl	1.25
Laurel, for decorating, per case	2.50
Laurel, for roping large bag	1.00
Ground Pine or Running Cedar, per bag	1.00
Stone Tomato Seed, per lb	.50

Cash with first order.

W. Z. PURNELL, Snow Hill, Md.

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FANCY

DELAWARE HOLLY

Having secured some strictly fancy Holly, am in position to supply the trade better than ever before. The foliage is perfect, glossy and dark green, and heavily berried. We personally supervise the packing of all our goods. Price delivered by freight, points east of Mississippi River, $3.75 per case.

Holly wreaths, made by experienced makers, from best glossy dark green holly, wound with wire on round hoops, with four large clusters of berries, 14-inch, per 100 $10.00.

We solicit the placing of your orders early. Special attention given to small orders.

Cash with Order

H. AUSTIN CO.
Felton, Del.

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ORDER YOUR
WILD SMILAX
AND ALL OTHER
DECORATIVE GREENS
FROM
GEORGE M. CARTER
EVERGREEN ALABAMA
THE QUICKEST SHIPPER

Southern Wild Smilax
NOW READY FOR SHIPMENT
Write, wire or phone the introducers
CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

FANCY FERN FINEST MICHIGAN STOCK FANCY FERN



Per 1000, $1.25. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $8.50 per 10,000
Leucothoe Sprays, green.....$1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



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The blue ribbon in the class for six varieties of five each was carried off by Merza, white; Mary Mason, pink; Cheltoni, lemon yellow; Beatrice May, white; Glenview, bronze red, and Mrs. Wm. Duckham, yellow. Among the other varieties of unusual merit were Mrs. F. B. Vallis, yellow; Reginald Vallis, rose red; Mrs. F. Partridge, red, and Merstham, crimson.

Opposite these fancy blooms was a table filled by four or five exhibitors with hardy chrysanthemums. One exhibit, possibly the smallest, was of unwonted interest, recalling, as it did, a one-time large exhibitor who saved his family's name at the price of fortune. Before leaving this section, let me add that Mrs. J. C. Neil was crowned the finest flower in the exhibition, and that William Kleinheinz and William Robertson, with many more, covered themselves with glory.

Downstairs, on the left of the stairway, Henry A. Dreer had lawn grasses prettily arranged. William Robertson captured a certificate of merit with a pure white sport from Cheltoni. The Henry F. Michell Co. displayed its bulbs electrically, enhanced with an art that spoke plainly of Philip Freud. Opposite, the Scientific Sprayer Co. displayed compounds that tree-borers consider of unrivaled nastiness. Henry F. Fitzgerald, from the firm's laboratory, was in charge.

In the lower hall Thomas Meehan & Sons had a table of hardy pompons of the best varieties. Edward Matthews was in charge of this exhibit. In the center of their table was a silver cup which they offered for the best collection of pompons; it was won by Wm. Robertson. Next came the brilliant Israel Rosnosky, in charge of Henry F. Michell Co.'s exhibit of every requisite.

Richard Vincent, Jr., & Sons Co., White Marsh, Md., had 100 varieties of pompons, a beautiful collection, probably twenty-five of them their own seedlings, including No. 45, shell pink; No. 7, yellow, fringed apricot, and No. 51, yellow anemone. Charles A. Goudy, of Henry F. Michell Co., was in charge.

A choice collection of hardy chrysanthemums from Henry A. Dreer came next, the table being finished with the cactus exhibit brought over by Mr. Eisele and here shown for the first time. The same exhibitors had a full line of gardeners' necessaries close by, embellished by mammoth pumpkins with the name of each variety cut in the fruit while growing. John S. Hay was in charge.

Hosea Waterer followed with mushroom spawn and bulbs of quality, in variety. Alexander Telloch had charge.

The rose table showed a striking contrast. Four vases of American Beauties from four leading gardeners stood guard over a tiny vase of Harry Kirk roses grown in the open air by the famous Dr. Robert A. Huey. Just think of it! Fine buds in November!

Dorothy Gordon, from the Joseph Heacock Co., was queen of the carnation exhibit, which included some twenty vases of the best standard varieties, of unusual grade, William Stern assured me, for this season of the year.

The vegetable displays for the Burpee, Dreer and Michell prizes were excellent. An improvement is shown in the fuller exhibits, due to the larger number of varieties called for in each class.

PHIL.



KIFT'S
New Fern and Berry Globe

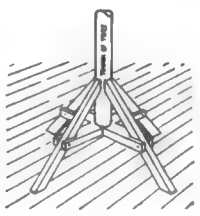
Over 10,000 sold last year. May be filled with ferns or Partridge Berries. Very attractive and a rattling good seller. **Order at once** and have them in stock. Three sizes—5, 6, 7-inch; price, $3.00, $4.00, $5.00 per doz. Packing free. f. o. b. Philadelphia.

PARTRIDGE BERRY SPRAYS
$3.00 per 1000.

ROBERT KIFT
1725 Chestnut St. PHILADELPHIA

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Simply drive a nail into the bottom of tree and weight brings legs of holder against tree as clamps. Hundreds sold last year to Florists selling trees.

Only $1.60 per dozen.
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FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

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Western Florist Supply House

Hardy Cut Ferns
New Crop Galax Leaves
Southern Wild Smilax

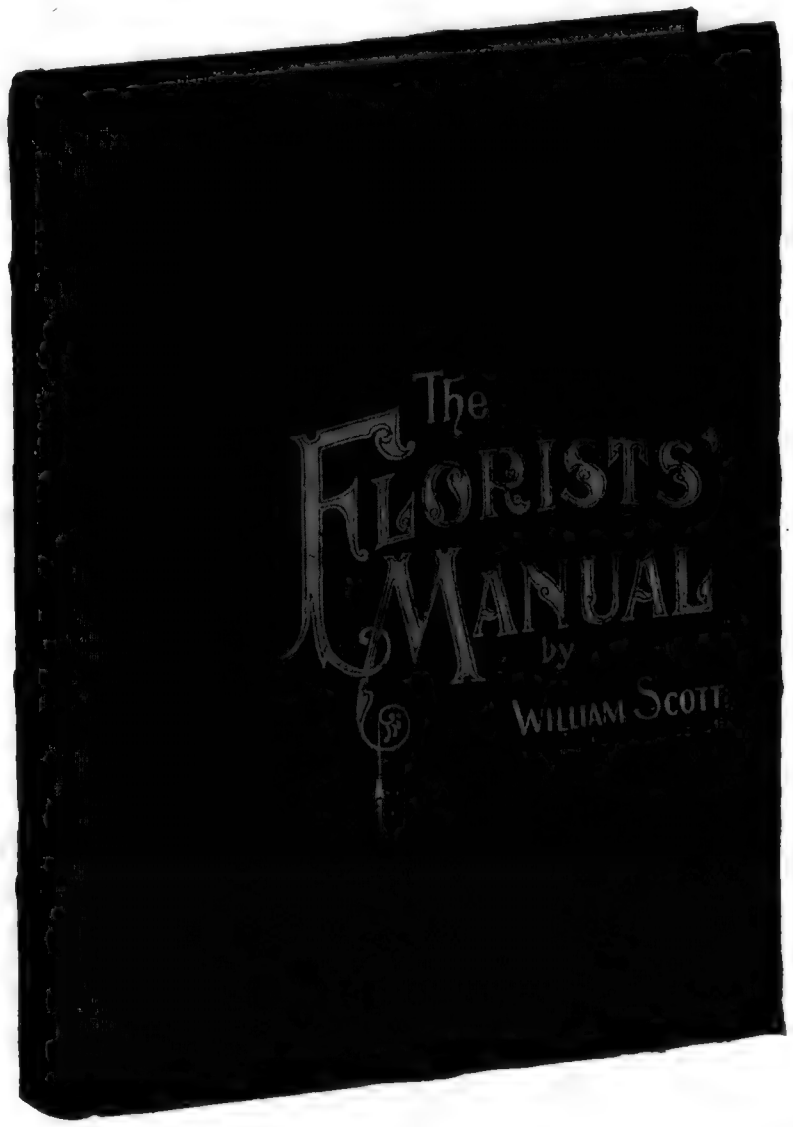
All Leading Novelties for Winter

ROCKY MT. COLUMBINE SEED
1 oz., $1.00; 4 oz., $3.00.
New crop now ready.

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DENVER, COLO.
Ask for Price List.

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By William Scott

SECOND EDITION

THOROUGHLY REVISED AND BROUGHT UP TO DATE

NO SCIENCE, BUT LOTS OF PRACTICAL COMMON SENSE

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"Find enclosed $5 for the Florists' Manual, by William Scott. It is the best book of the age on commercial floriculture and should be in the home of every gardener."—CONRAD FORBACH, Buffalo, N. Y.

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Full Cultural Directions Under Each of these Heads

Abutilon	Araucaria	Camellia	Decorative pl'ts	Gloxinia	Libonia	Packing flowers	Seed sowing
Acacia	Ardisia	Candytuft	Deutzia	Grasses	Lilium	Packing plants	Selaginella
Acalypha	Aristolochia	Canna	Dianthus	Greenhouse bldg.	Lily of the Valley	Palms	Shading
Acanthrophœnix	Asparagus	Carludovica	Dracæna	Grevillea robusta	Linum trigynum	Pancratium	Skimmia jap.
Acer japonicum	Aspidistra	Carnation	Drainage	Gypsophila	Lobelia	Pandanus	Smilax
Achillea	Asplenium	Celosia	Easter plants	Hardy climbers	Lysimachia	Panicum var.	Soils
Achimines	Aster	Centaurea	Epacris	Hardy perennials	Manettia	Pansy	Solanum
Achyranthes	Astilbe japonica	Cheiranthus	Epiphyllum	Hardy shrubs	Maranta	Pelargonium	Stephanotis
Acrophyllum	Azalea	Chorizema	Erica	Heating	Martinezia	Pennisetum	Stevia
Adiantum	Balsam	Chrysanthemum	Eriostemon	Hedera (Ivy)	Maurandya	Peony	Stocks
Agapanthus	Basket plants	Cineraria	Eucharis	Hedge plants	Metrosideros	Peperomia	Store managem't
Agave	Bay trees	Clematis	Eupatorium	Heliotrope	Mignonette	Perilla	Swainsona
Ageratum	Bedding plants	Cobæa	Euphorbia	Hibiscus	Mimulus	Petunia	Sweet Pea
Allamanda	Begonia	Cold frames	Ferns	Hollyhock	Moonflower	Phlox	System
Alocasia	Bellis	Coleus	Fertilizers	Hotbed	Mulching	Pinks	Thunbergia
Aloysia	Boston Ivy	Cosmos	Ficus	Hoya	Musa	Poinsettia	Torenia
Alternanthera	Bottle Brush	Cotyledon	Fittonia	Hyacinth	Mushroom	Potting	Tropæolum
Amaranthus	Bottom heat	Crinum	Floral Arrange-	Hydrangea	Myosotis	Primula	Tuberose
Amaryllis	Bougainvillea	Crocos	Freesia ments	Impatiens	Narcissus	Pronouncing	Vallota
Ampelopsis	Bouvardia	Croton	Fuchsia	Insecticides	Nasturtium	Dictionary	Vases
Ananas	Bromeliads	Cycas	Fungicides	Iresine	Nepenthes	Rhododendron	Ventilation
Annuals	Browallia	Cyclamen	Gardenia	Jasminum	Nierembergi	Richardia	Veranda boxes
Anthericum	Bulbs	Cytisus	Geranium	Kalmia	Oleander	Ricinus	Verbena
Anthurium	Cactus	Dahlia	Gesnera	Kœniga	Orange	Rose	Vinca
Antirrhinum	Caladium	Decorations	Gladiolus	Lantana	Orchid	Salvia	Violet
Aponogeton	Calamus	Decorative ma-	Glazing	Lapageria	Othonna	Santolina	Watering
Aquatics	Calceolaria	terial	Glechoma	Lawns	Oxalis	Sedum	Zinnia

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The Best Investment Any Beginner Can Make

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn St., CHICAGO

MUMS FOR EXHIBITION.

[Continued on page 18.]

are full of roots, lightly at first, with liquid cow manure for a week or two, and gradually increasing the amount from an 8-inch potful of cow manure in fifty gallons of water to half a bushel in the same amount of water, together with a 4-inch potful of Clay's fertilizer or Ichthemic guano with a little soot added. Those ingredients are all put into a barrel, allowed to stand for a day, the whole stirred up and passed through a fine screen into another barrel, using a Kinney pump for watering, which will regulate the strength of the mixture as desired. Nitrate of soda and sulphate of ammonia is used occasionally at the rate of a 4-inch potful in fifty gallons of water, along with other manures at the same time, changing from liquids to dry chemicals about once in two weeks, giving each plant a heaping teaspoonful of either Clay's fertilizer or Ichthemic guano and watering it in. After the buds are all secured, feeding again is continued in moderation until the buds begin to show color.

In about a month or six weeks after the plants get their final shift the roots will appear on the surface. They are then given a top dressing of loam and Clay's fertilizer at the rate of ten of loam to one of the fertilizer; in from two to three weeks the roots will again appear, when they are treated as before with loam and fertilizer in the same proportions, and toward the middle of August they get a mulch of well rotted horse manure.

Spraying and Fumigating.

The plants are syringed twice daily when the weather is favorable, about ten in the morning and again about three in the afternoon, so that the foliage will get dry before night. In addition to the plants being syringed on very bright days the exterior of the house is frequently sprayed over, to assist in reducing the temperature, and about every two weeks the plants are syringed with soot water.

The house is fumigated with cyanide of potassium about three times a month, for the prevention of insects, such as green fly, black fly, etc., at the rate of two ounces of cyanide, four ounces of commercial sulphuric acid and twelve ounces of water for a house 30x50 feet.

Arrangements for the Best Growth.

When the plants get their final shift into 8-inch pots they are arranged in position on the benches where they are to remain for the rest of the season, and a galvanized wire stake is placed in each pot for supporting the plants, these stakes firmly secured to overhead wires running lengthwise of the house, and the plants given plenty of room in the rows for the free admission of light and air.

When a majority of the plants begin to show color a light shading is put on the glass, using whiting for the purpose, which is easily removed. Should a dull spell of weather set in, the night temperature is maintained at from 45 to 50 degrees, with a free circulation of air to dispel dampness, by leaving a small opening on both top and bottom ventilators and using fire heat when necessary to keep up the required temperature.

Any plants that require to be watered are attended to in the morning, so that the house will be as dry as possible before night.

Recapitulation.

It is evident to me that in order to be successful in the cultivation of the chrysanthemum for exhibition, perfect familiarity with the different varieties is essential.

The grower should know his plants, study their peculiarities, and observe carefully the treatment best suited for each variety.

He should also have a house adapted for their requirements and the necessary requisites at hand to carry on the work at the proper time.

His plants should never be neglected at any stage in their career, from the smallest detail to the most important part affecting their management.

He should not imagine that because one grower has been successful in one part of the country with selecting his buds at a certain time, the results will be equally satisfactory in another part by following his example. Climatic conditions vary so much in the different states throughout the country that it is necessary for the grower who would succeed to study the conditions of his own locality and note carefully the results obtained therefrom; and in time, with a fair amount of patience and perseverance, he will ultimately gain his reward.

WAYSIDE NOTES.

At the Mrs. J. C. Rogers estate, at Peabody, Mass., a special display of chrysanthemums for Thanksgiving is a feature with Superintendent C. Simpkins, who manages each year to make a grand effort for this occasion. He has Charles H. Totty's full collection of singles and regards every one as being worthy of a place. He will grow the new kinds now being introduced. A choice variety of orchids is in bloom, also Gloriosa superba, which is a pretty thing for table decorations.

J. M. Ward & Co., of Peabody, remarked that the mild weather we are now having is giving the "hookworm" to both stock and business. With the thermometer at 70 degrees in the shade, supply is soft and demand dull. They have made extensive additions to their snug place. M.

Money Maker for

Retail Florists

Do you advertise? If so you want results. We get them for you through **In And Out Door Floral Culture** (copyrighted 1909), a book of 32 pages, 8x10, beautifully illustrated with half tone cuts of plants, floral designs and wedding decorations. The book contains floral cultural notes written so as to appear as your own production, with your name and address printed on first page of cover, which is beautified with a garland of roses either in one or two colors. There is not a cheap spot in the book, enameled paper, high class workmanship. A credit to any first-class floral shop or retail florist establishment.

As a **Business Getter** it is not to be compared with newspaper or calendar advertising, as it will last for years on account of the valuable information it contains. You will see at once that it is the most impressive way of keeping your name before your customer. The price is so reasonable that the smallest florist can use them to great advantage.

Write at once and get exclusive for your city.

Sample with full particulars, 15c.

Simon Humfeld

Care Muncie Floral Co. **Muncie, Ind.**

Mention The Review when you write.



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Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands,** and the **Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. **Just the thing for plant growers;** will sustain a weight of 100 lbs.

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Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By young man, experienced in general greenhouse work and outside; good references; willing and obliging. Address D. S. S., Box 12, Topsfield, Mass.

SITUATION WANTED—Landscape gardener and florist; 15 years' experience, all branches, under glass and outdoors; German; 30 years old; married, no family. John Mihalik, 335 W. Main St., Bozeman, Mont.

SITUATION WANTED—By experienced grower of roses, carnations, mums, bulbs; designer, decorator; good propagator; take charge; best references; good wages. Address Florist, 707 17th St., Detroit, Mich.

SITUATION WANTED—As a grower of cut flowers and potted plants in general; 25 years' experience in those lines; capable of handling help; middle aged, single man. Address E. H., 410½ W. 9th St., Kansas City, Mo.

SITUATION WANTED—By a No. 1 propagator and grower of choice roses, carnations, mums, etc., able to take full charge and handle men to good advantage; references. Address No. 38, care Florists' Review, Chicago.

SITUATION WANTED—Reliable florist and gardener; 18 years' experience; private or commercial; 34 years; single; capable of taking charge; best of references furnished. Address No. 916, care Florists' Review, Chicago.

SITUATION WANTED—By a first-class grower of roses, carnations, mums and general line of pot and bedding plants, with 22 years of experience, capable of taking full charge and handling help to best advantage. Address No. 47, care Florists' Review, Chicago.

SITUATION WANTED—As manager or foreman by a practical grower of cut flowers, plants, forcing of all kinds of bulbs; capable of taking entire charge of a large plant; has had a life experience; good references. Address Florist, 1225 Race St., Philadelphia, Pa.

SITUATION WANTED—In Chicago by designer and decorator; can give the best of recommendations. Address No. 51, care Florists' Review, Chicago.

SITUATION WANTED—By young man, 22, German-American, as fireman and to learn trade; references; steam heating experience. Address G., Box 81, Ceylon, Minn.

SITUATION WANTED—Carnation or mum grower, good propagator and potter; 8 years' experience; age 28; good reference. Address No. 54, care Florists' Review, Chicago.

SITUATION WANTED—By a young, single man, 29, strictly sober and honest, grower of general stock, also an A-1 propagator, with long practical experience; would prefer private or commercial place; Buffalo or vicinity preferred; good references. Address No. 42, care Florists' Review, Chicago.

SITUATION WANTED—By sober and industrious man, with long practical experience, in a large city or prominent private place where perfection in the finest specimen plants are the first consideration; can take possession Jan. 10th, or sooner; wages $80 00 per month or will work on shares. Address No. 32, care Florists' Review, Chicago.

SITUATION WANTED—Private or commercial, by a young man, 25 years, single, several years' experience in general greenhouse and design work; place where there is a chance for advancement preferred; thoroughly sober and industrious; first-class reference; please state wages. Address E. G. Blagrave, 68 School St., Concord, N. H.

HELP WANTED—A good all-round greenhouse man, sober and willing to work; none other need apply; state wages expected, with references. Chas. Frueh & Sons, Saginaw, Mich.

HELP WANTED—Man with experience in seed business for general office and some stenographic work, and filling orders; state age, experience and wages expected. Western Seed & Irrigation Co., Fremont, Neb.

HELP WANTED—Competent, single, English speaking German, who is temperate, honest, industrous and trustworthy, to grow stock for retail trade; none but good worker need apply; full charge; references in first letter and wages wanted. Address No. 57, care Florists' Review, Chicago.

WANTED—Greenhouses, 8000 to 15000 ft. glass, in good condition; small land acreage, with dwelling; near good market, for retailing. Address Box 204, West Brownsville, Pa.

WANTED TO LEASE—Good retail greenhouse establishment or store in good town; state full particulars, rent, size, etc., first letter. Retailer, Box 97, Jersey City, N. J.

WANTED—To buy a No. 8 Kroeschell hot water boiler: it must be in good condition and I must hear immediately, as I have not much time left to install it before the cold weather; anyone having a good hot water boiler less than 5½ ft. in height and with a capacity for heating more than 15,000 feet, please write and give your price, together with a description. Weltmer Greenhouse, C. H. Hollied, Mgr., Nevada, Mo.

FOR SALE—500 feet good 1½-inch pipe, 5½c per foot. Address Pana Greenhouses, Pana, Ill.

FOR SALE—Small Morehead return steam trap and receiver. H. Barsch, 1501 Sixth Ave. N., Minneapolis, Minn.

FOR SALE—Cheap; one Ideal sectional hot water boiler, 2000 ft. radiation; and one Honeywell generator, new. Miller Bros. Abilene, Kan.

FOR SALE—Half interest in greenhouse, 7500 ft. under glass; 20 miles from Chicago; doing good business; terms to suit. Address No. 43, care Florists' Review, Chicago.

FOR SALE—One 30-in.x5-ft. upright boiler; one 5½-in.x3½-in.x7-in. Union steam pump; all in first class order. Address Peter Mertens, 6104 No. Winchester Ave., Chicago, Ill.

FOR SALE—10,000 ft. glass, store, 6-room dwelling and land. 163 x 125; all improvements in; will sell reasonably account of other business. If you want a bargain address No. 52, care Florists' Review, Chicago.

FOR SALE—Two greenhouses, 17 x 100 and 30x100; a 6-room dwelling, in good repair; one rose house, 30x12; lot, 96x132; price, $5,000.00; good terms; write; send stamp. Address M. Fenton, West Newton, Pa.

FOR SALE—An old-established retail florist business in the Lower East Side, New York City; a good place for a German, Jew or Greek; lot of funeral work; reason for selling, want to retire; 4-year lease; cheap rent; fine opportunity; no reasonable offer refused. Address No. 191, care Florists' Review, Chicago.

FOR SALE—4500 ft. glass, well stocked with mums, carnations, and bedding stock; one dwelling, one to three acres ground; no competition; good trade; five blocks from business center; central Indiana; money maker for good florist. Address No. 37, care Florists' Review, Chicago.

FOR SALE—For $6,000; 12,000 feet of glass stocked with carnations, roses, mums, ferns, etc., cut flower cellar, hot bed sash, 7 lots 40x120 feet, planted in roses, hardy hydrangeas, etc.; 8 houses heated by hot water and steam, 7-room dwelling house, stable, horse, 2 wagons, surrey and all necessary tools; no competition; 4 blocks from business center; 20,000 population; northern Alabama, mild climate; city water, electric lights; good out-of-town business; only $3,000 cash required. Address No. 44, care Florists' Review, Chicago.

FOR SALE—Established wholesale and retail florist business located in the best city in the state of Oklahoma; nine newly built and modern greenhouses, 100x21, all in the best condition, heated by steam; city water; all well stocked with carnations, roses palms and ferns; one horse, three wagons and all that is needed in florist business; also flower store in the best locality; sale for all you can grow; city of 25,000 population; also 25 surrounding towns; doing the best of business; net profit $4,000 to $5,000 a year doing a business of $12,000; I am leaving for Europe to educate my daughter in music. Address No. 45, care Forists' Review, Chicago.

FOR SALE—Fine place for wholesale and retail business, halfway between New York and Boston; A-1 shipping facilities; excellent retail business with a lot of design work, 3 minutes from fine large Protestant cemetery; new Catholic cemetery being laid out within view of this place; the place consists of 8½ acres, 9-room dwelling house, steam heated; fine new barn; carriage shed, out buildings, large hen houses and yards; own water supply, pumping from river adjoining place; unfailing sand and gravel bank, supplying builders in town all the time; 4000 ft. glass, well stocked with carnations, chrysanthemums, vincas, cinerarias and all kinds of bedding plants; both houses heated by one boiler; a practically new boiler in cellar ready for another house which is needed to supply local trade; reason for selling, have another business which takes all my time at a season when the biggest rush is on for the florist; correspondence invited. Address No. 49, care Florists' Review, Chicago.

Wanted A good grower of carnations, mums, bedding stock, etc.; must be a hustler; state experience, wages expected, references; permanent position for steady, industrious man. Address No. 56, care Florists' Review, Chicago.

FLORISTS, NURSERYMEN, SEEDSMEN

Kindly place us on your mailing list for price lists and catalogues.
CROUT & WILSON, 30 E. 61st St., Portland, Ore.

Wanted

At once; competent rose and carnation grower; married; state salary expected, with references. Address

Daniel E. Gorman, Williamsport, Pa.

Wanted

A young man from 21 to 25 years old, No. 1 store man; must be a good designer and decorator, with best of reference; state salary; position first-class. Address No. 40, care Florists' Review, Chicago.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. 48, care Florists' Review, Chicago.

Help Wanted at Once

A good all-round store man of good appearance, sober and industrious, who understands greenhouse work as well as decorating and designing. Also a good rose grower.

CHAS. P. MUELLER, - Wichita, Kan.

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2500 feet of extra good 2-inch gas pipe, with good threads and couplings; price, 6½c per foot, any amount you want.

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Rapidly growing city of 30,000, located in N. W. Pa.; established wholesale and retail trade of 25 years' standing; 7 modernly equipped greenhouses, well stocked for winter and spring business; 10,000 ft. glass, steam heat, natural gas fuel; located 1½ miles, on macadamized road, from city; salesroom best location in city; reasonable rent; retiring from business; invite correspondence. Address
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A BUSINESS OPPORTUNITY

Wanted a partner with $5,000.00 or more and a good practical knowledge of the florists' business to take one-half interest in an established business, 15,000 feet of glass, with boiler capacity for as much more; also room for 50,000 feet more of glass, which could be made to pay big interest on investment, with a growing wholesale business which now exceeds by nearly half my present ability to produce; centrally located, four railroads and all express companies; all correspondence to be confidential. Address No. 53, care Florists' Review, Chicago.

Nurseryman Wanted

March 1st. A man familiar with the growing of ornamental nursery stock, for sub-foreman at one of our nursery farms; must be a pusher and able to get the work out of help. State experience, salary expected and names of previous employers. Good chance for advancement to the right man.

Address No. 1, care Florists' Review, Chicago.

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A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

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571 Fifth Avenue, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street **Cable Address: ALEXCONNELL** **Western Union Code**

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KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

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We can fill your floral orders day or night for

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Flowers Delivered to All New England Points

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Near Madison Ave.

NEW YORK

Out of town orders given expert and personal attention. Try me.

DENVER.

The Market.

Trade last week was good. The weather changing to cold and the first snowstorm of the season visiting us on Friday of last week, all combined to help business somewhat. Stock of all kinds is none too plentiful, roses, perhaps, being more abundant than anything else. Chrysanthemums are getting scarce, especially in white, prices are good and the outlook for them for Thanksgiving is that there will be no surplus stock.

Various Notes.

The November meeting of the Colorado Florists' Club was held in T. M. A. Hall, 1739 Champa street, Thursday evening, November 11. They will hereafter meet in that hall the second Thursday of every month. The following officers were elected for the ensuing year: President, J. A. Valentine; vice-president, T. D. Long; secretary, A. H. Bush; treasurer, Ben Boldt; trustees, N. A. Benson, C. R. Root and J. A. Sked.

A. C. Sinram had a fine display of cut flowers and plants at his flower

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Orders by Wire Receive Prompt and Careful Execution

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Orders Carefully Filled

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Only the Best *Dunlop's* Canada's best known and most reliable florist .. ..

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Tel. Office, Greensboro, POMONA, N. C.

show Friday and Saturday, November 12 and 13. Professor Lohman furnished the music. E. S. K.

IN MICHIGAN.

C. W. Asman, on Huron avenue, Port Huron, is building new greenhouses at the corner of Gratiot avenue and the Holland road. They will be completed in March.

Frank Brown, of Durand, has bought of Robert King the Watson green-

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Will Take Proper Care of Your Orders in WISCONSIN

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Write, Telephone or Telegraph.

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All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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Regular discount allowed on all orders, either Plants or Cut Flowers.

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AUG. S. SWANSON, St. Paul, Minn.

houses at Lapeer and is putting the two houses in shape for business. He will remove his family to Lapeer.

Miss Betty Carlson, of Benton Harbor, will reopen a store at 119 East Main street.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
California	New York	Glasgow	Nov. 20
Kaiserin	New York	Hamburg	Nov. 20
Mergantic	New York	Liverpool	Nov. 20
P. Irene	Montreal	Genoa	Nov. 20
Aki Maru	New York	Hongkong	Nov. 23
Cedric	New York	Italy	Nov. 25
Castilian Pr.	New York	Brazil	Nov. 25
Columbia	New York	Glasgow	Nov. 27
Pennsylvania	New York	Hamburg	Nov. 27
Merion	Philadelphia	Liverpool	Nov. 27
Caronia	New York	Egypt	Nov. 27
Tagus	New York	Jamaica	Nov. 27
Mauretania	New York	Liverpool	Dec. 1
K. Albert	New York	Genoa	Dec. 1
Romanic	New York	Italy	Dec. 1
Furnessia	New York	Glasgow	Dec. 4
Saxonia	New York	Naples	Dec. 4
Luisiana	New York	Genoa	Dec. 4
Lusitania	New York	Liverpool	Dec. 8
Cretic	New York	Italy	Dec. 8
Moltke	New York	Italy	Dec. 9
Carmania	New York	Liverpool	Dec. 11
Caledonia	New York	Glasgow	Dec. 11
Oruba	New York	Jamaica	Dec. 11
Ivernia	Boston	Liverpool	Dec. 14
Campania	New York	Liverpool	Dec. 15
Cymric	Boston	Liverpool	Dec. 15
Virginia	New York	Genoa	Dec. 16
California	New York	Glasgow	Dec. 18
Canopic	New York	Italy	Dec. 18
Kaga Maru	Seattle	Hongkong	Dec. 21
Mauretania	New York	Liverpool	Dec. 22
Minnesota	Seattle	Manila	Dec. 22
Lusitania	New York	Liverpool	Dec. 29

HOUSTON, TEX. — A. J. Riess, the grower of fruits and vegetables, is building a range of greenhouses.

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The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

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Orders solicited for all parts of Connecticut.

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We have a nice lot of 6-in. pans with 3 plants in a pan at $9.00 per doz.

Order now and they will be set aside

Biota Aurea Nana

A beautiful Golden Arbor-Vitae especially adapted for porch or lawn decorations.

When planted in square mission tubs, they make very pleasing effects.

	Each
2 feet high, without tubs	$1 50
2 feet high, in square mission tubs	2.50
3 feet high, without tubs	2.50
3 eet high, in square mission tubs	4.00

Trees

	Each
Salix CaprealPendula, half standards, 5 to 6 ft.	$1.00
Salix Americana Pendula, 8 to 10 ft.	1 25
Weeping Mulberries, 5 ft. stem	.75
Rhus Typhina Laciniata (Cut Leaf Sumach), 4 to 4½ ft.	.35
Rhus Typhina Laciniata (Cut Leaf Sumach), 5 to 6 ft.	.50
Camperdown Elm, 8 ft. stem	1.25
Catalpa Speciosa, 2-in.	1.25
Catalpa Speciosa, 1½-in.	75
Catalpa Speciosa, 1-in.	.50
Golden Beauty Crab, 1¼-in.	1.00
Golden Russet, ¾-in.	.40
Bartlett Pears, ½-in.	.40
Elm American, ½-in. per 100, $15.00	
Elm American, 1 to 1½-in.	.50
Elm American, 2 to 2½-in.	1.25
Elm American, 3-in.	1.75
Carolina Poplar, ¾-in.	.35
Box Elder, 1-in.	.35
Box Elder, 1½-in.	.50
Box Elder, 2 in.	.75

Perennials and Vines in Pots

	Each
Hardy Perpt. Roses, in 5-in. pots, assorted per 100, $15.00	
Baby Ramber, 4-in. per 100, 8.00	
Crimson Rambler, 6-in.	25c
Standard Roses, ass't.	50c
Clematis Jackmani, 6-in.	35c
Clematis Queen, 6-in.	35c
Clematis Paniculata, 6-in.	25c
Clematis Romeana, 6-in.	35c
Hardy Ferns, 5-in. per 100, $12.00	
Kudzu Vines, 4-in.	25c
Garden Pinks, 4-in.	8c
Veronica, 4-in.	8c
Lobelia Cardinalis, 3-in.	6c
Gaillardia Grandiflora, 3-in.	6c
Shasta Daisy, 4-in.	8c
Lychnis Chalcedonica, 5-in.	8c
Rudoeckia Triloba, 5-in.	8c
Sweet Williams, 4-in.	8c

Roses From the Field

Rosa Rugosa Rubra per 100, $15.00	
Rosa Rugosa Rubra 2½ to 3 ft.	25c
Prairie Queen, 2½ to 3 ft.	15c
Crimson Rambler, 2½ ft.	15c
Pink Rambler, 2½ ft.	15c
Sweet Briar, 3 ft.	25c
Dahlias, field clumps, under name per 100, $5.00 to $10.00	
Cannas, under name, 2 to 3 eyes, per 100, $2.00	
Hydrangea Otaksa, 4-in. per 100,	8.00
Hydrangea Otaksa, 5-in., pot-grown per 100,	$12.00
Gladiolus Bulbs, ass't. per 1000,	10.00
Ismene C., small size per 100,	4.00
Ismene C., large size per 100,	8.00
Ismene C., medium per 100,	6.00
Pancratium or Spider Lily per 100,	8.00
Amaryllis Formosissima per 100,	8.00

Evergreens and Pines	Each
Abies Excelsa, 12 to 18 in.	$0.25
Abies Excelsa, 18 to 24 in.	.50
American Arbor-Vitae, 2 to 3 ft.	.35
Japan Arbor-Vitae, 12 to 15 in.	.25
Japan Arbor-Vitae, 18 to 24 in.	.35
Retinospora Plumosa, 18 to 24 in.	.50
Blue Spruce, 12 to 15 in.	.35
Blue Spruce, 18 to 20 in.	.50
Blue Spruce, 20 to 24 in.	.75

California Peppers	Doz.
4-in. pots	$1.50
5-in. pots	2.00
6-in. pots	3.00

Jerusalem Cherries	
4-in. pots	$1.50
5-in. pots	2.00
6-in. pots	3.00



Boxwood Bushes

12 in. high, $4.20 per doz.; $30.00 per 100. Just right for window boxes.

24 in. high, fine plants, $12.00 per doz.

Pyramids, 4 ft., $5.00 each.

Pyramids, 6 ft., $10.00 each.

Pyramids, square shaped, in tubs, $10 00 each.

All fine plants for window boxes or Xmas sales.



Abies Nordmanniana
In tubs $2.00 each

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3 ft., beautiful specimens, in tubs $4 00 each

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Retinospora Plumosa, splendid for large window boxes or Xmas sales, large, extra fine stock, is sure to please, $6.00 per doz.



Chrysanthemums
Stock plants, $4.00 per 100

Appleton, yellow	Buckley, white
Golden Dome, yellow	Golden Age, yellow
May Foster, white	Bonnaffon, yellow
Wm. Duckham, pink	Touset, light pink
Enguehard, pink	Pacific Supreme

Pompons—Stock plants, $4.00 per 100
Every florist should grow a stock of the pretty varieties of pompon mums. The list below is sure to give satisfaction.
Boule De Liege, double maroon, 3 ft.
Klondike, double yellow, 3 ft.
Diana, double clear white, 2½ ft.
Autumn Beauty, double pink, 2½ ft.
Single yellow, 4 ft.

Azaleas	Each
Mme. Van der Cruyssen, 12 to 14 in	$0.50
Mme. Van der Cruyssen, 15 to 16 in	.75
Vervaeneana, 12 to 14 in	.50
Vervaeneana, 14 to 16 in	.60
Simon Mardner, 14 to 16 in	.60
Deutsche Perle, 12 to 14 in	.50
John Llewellyn, 15 to 16 in	1.00

These prices are for plants in bud. For plants in bloom add 50%.

Miscellaneous	Each
Hardy Rhododendrons, 12 to 15 in., 6 to 8 buds	$0.60
Hardy Rhododendrons, 18 to 24 in., 10 to 16 buds	1.00
Hardy Rhododendrons, assorted large bushes	1.50
Hydrangea Otaksa	.40
Japan Maples, assorted	1.00
Standard Prunus Triloba	75c to 1.00
Baby Rambler	.15
Almonds, pot-grown	.50
Weigelia Eva Rathke	.40
Deutzia Gracilis	.15
Azalea Mollis, 12 to 15 in	.25
Spiraea Gladstone	.15

These prices are all for dormant stock. Holly, berried, 2 ft., $2.00 each. Skimmia, with berries, $1 00. Laurus Cernasus, in tubs, 6 ft., $5.00. Laurus Cerasus, pyramids, $2.50; fine for decorating.

Vines	Each
Aristolochia Sipho, fine and strong	$0.35
Wistaria, strong vines	.25
Matrimony Vines, strong	.25
Begonia Radicans	.25
Ampelopsis Q.	per 100, $10.00

Perennials From the Field	Per 100
Funkia Sieboldiana	$25.00
Yucca Filamentosa (Adam's Needle)	10.00
Peonies, light pink, dark red and dark pink	per clump, 4c to 50c
Spiraea Filipendula, field clumps	5c to 25c
Hemerocallis Fulva (Day Lily)	8.00
German Iris, ass't	4.00
Japan Iris	per clump, 12c
Rhubarb, field clumps	15c
Phlox, under color	8.00
Forget-me-nots	8.00
Delphinium O	8.00
Aquilegia (Columbine)	5.00
Golden Glow	4 00
Spiraea Sorbifolia	8.00
Pentstemon, pink	each 8c

Shrubs	Each
Barberry Thunbergii, 12 to 18 in	10c
Barberry Thunbergii, 18 to 24 in	15c
Berberis Lovette, 2 to 2½ ft	25c
Berberis Purpurea, 2½ to 3 ft	20c
Cornus Elegg. Variegata, 3 to 3½ ft.	25c
Cornus Sibirica, 2½ to 3 ft	15c
Cornus Sibirica, 3 to 4 ft	25c
Currant Perfection, 2½ ft	15c
Cydonia Japonica, 12 to 18 in	10c
Cydonia Japonica, 2 to 2½ ft	20c
Gooseberry Downing, 18 in. to 2 ft	15c
Gooseberry Whinham, 18 in. to 2 ft	15c
Hydrangea P., 18 in. to 2 ft	10c
Hydrangea P., 2 to 3 ft	15c
Hydrangea P., 3½ to 4 ft., tree grown	35c
Lilacs, White German, 2 to 2½ ft	15c
Lilacs, White German, 3 to 4 ft	25c
Lilacs, White German, 4 to 5 ft	75c
Lilacs, Blue German, 2 to 2½ ft	15c
Lilacs, Blue German, 2½ to 4 ft	25c
Lilacs, Blue German, 4 to 5 ft	50c
Lilacs, Blue German, 6 to 7 ft	$1.00
Lilac, Persian, 4 to 5 ft	50c
Lonicera Alba, 3 ft	15c
Lonicera Alba, 4 ft	25c
Lonicera Grandiflora, 2½ to 3 ft	15c
Lonicera Grandiflora, 3½ to 4 ft	25c
Mahonia Aquifolium, 1 to 1½ ft., Each	15c to 25c
Privet, California, 2½ ft	8c
Spiraea Filipendula, 2 ft.	per 100, $15.00

	Each
Sambucus Laciniata (Cut Leaf Elder) 3 to 4 ft	15c
Sambucus Laciniata (Cut Leaf Elder) 4 to 6 ft	25c
Spiraea A. W., 2 to 3 ft	25c
Spiraea Aurea, 2½ to 3 ft	25c
Spiraea Aurea, 2 to 3 ft	15c
Spiraea Van Houttei, 18 in. to 2 ft	10c
Spiraea Van Houttei, 2 to 2½ ft	15c
Spiraea Van Houttei, 3 to 4 ft	25c
Syringa Lemoinei 3½ to 4 ft	50c
Spiraea Regalis 3 to 4 ft., bushy	25c
Spiraea Thunbergii, 2½ ft. to 3 ft.	15c to 25c
Symphoricarpos Racemosus Albus, 2 to 3 ft. (Snowberry)	15c
Symphoricarpos Racemosus Albus, 3 to 4 ft. (Snowberry)	15c
Symphoricarpos Vulgaris, 2 to 2½ ft.	10c
Symphoricarpos Vulgaris, 3 to 4 ft.	15c
Viburnum O., High Bush Cranberry, 2½ to 3 ft.	15c
Viburnum O., Fl. Pl., Snowball, 2½ to 3 ft.	15c
Viburnum O., Fl. Pl., Snowball, 3 to 4 ft.	35c



Aucuba Japonica Punctata
12-in. pots, fine, large.....$2.50 to $3.50 each

Aucuba Viridis
Berries will redden up for Xmas. 8-in. and 9-in. pots, 2 ft. high, $1 50 each; $18 per doz.

WITTBOLD

727-729 Buckingham Place, CHICAGO

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

REPORTS from both France and England indicate that the shortage in beet will be even greater than was indicated by earlier advices.

THIS is a year in which everyone seems determined to get his catalogue out earlier than ever, but in which the arrival of most imported seeds will be later than usual, thereby causing various complications.

B. H. TRACY, Wenham, Mass., says he has just finished harvesting the finest crop of gladiolus bulbs he ever has had, the season having been unusually successful, the weather conditions nearly perfect.

THE Central Seed & Bulb Co., Benton Harbor, Mich., has purchased ten acres of land and has material on the ground for a greenhouse 15x100 for propagating dahlias, etc. E. S. Thompson is the head of the concern.

FROM all the tales of shortages—and one hears little else—it might be supposed that buyers would be clambering over each other to get at the wholesalers, but the fact is the great body of the trade declines to excite itself.

PRACTICALLY all commodities are at about the highest prices ever recorded, the cost of living never was higher and the cost of doing business in the seed trade never was greater, so why shouldn't we ask for our seeds a better price than last year?

OUR British cousins have had as much trouble harvesting their seed crops as they had planting and growing them—and then some. Not in many years has England had weather so unfavorable for seed crops, and the worst of it has come at harvest time.

THE disclaimer adopted at the Rochester convention of the American Seed Trade Association, in 1901, although some American houses think it has fallen a little behind the times, has come to be employed in exact language by most of the large foreign houses.

ALL things considered, it appears that California has had, in 1909, a better season for seed crops than any other important seed producing center in the world. Planting time is again approaching and the California growers feel justified in again enlarging their operations.

ONE of the unfortunate features of these seasons of seed shortages is the temptation to which it exposes those who have sold crops in advance of harvest. Letters from Europe indicate that the strain in this direction is this year greater than ever and that it is proving too great for some of the brethren.

AT a recent meeting of the floral committee of the General Dutch Bulb Growers' Society, at Haarlem, the following awards were granted: First-class certificates to E. H. Krelage & Son, of Haarlem, for the cactus dahlias Flora, Brigadier and Debutante; award of merit to the same firm for the cactus dahlia Snowstorm.

— TO THE TRADE —

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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Azaleas, Rhododendrons, Clematis,

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Very finest grades of Valley for shipment as desired from New York.

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Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

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Cauliflower

Cabbage, white and red

Radish, oval, rose-red, white tipped

The Best for Xmas Forcing

Prices and samples on application.

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CABBAGE

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

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Wanted Buyers

for a large stock of large-flowering **CLEMATIS, pot-grown,** at special prices. Please ask for particulars.

Guldemond Bros.

Boskoop, :: Holland

Mention The Review when you write.

THE state of Idaho is to have a pure seed show, at Caldwell, January 13 and 14.

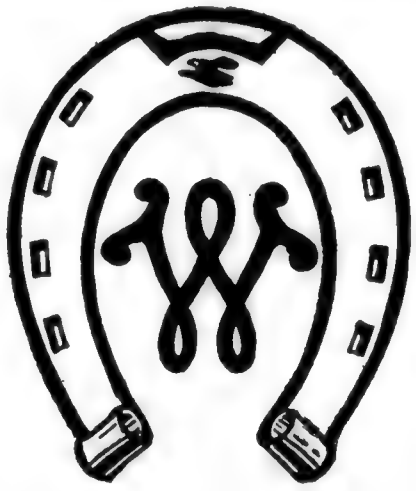
SMALL CHECKS STILL LEGAL.

Several inquiries have reached the REVIEW regarding the "new law" that goes into effect January 1 and that many mail order people think "makes it illegal to write a check for less than $1." The law is as follows:

No person shall make, issue, circulate, or pay out any note, check, memorandum, token, or other obligation for a less sum than one dollar, intended to circulate as money or to be received or used in lieu of lawful money of the United States; and every person so offending shall be fined not more than $500 or imprisoned not more than six months, or both.

Remittances for small sums should be made otherwise than by check, for in most instances the banks charge a collection fee of 10 cents, but the check for less than $1 does not come under any government ban. The law referred to is not a new one, but a reproduction of one originally enacted July 17, 1862, and which has been included in codifying the criminal code of the United States. It does not make it unlawful to issue a check for a less sum than one dollar except it be "intended to circulate as

Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

RALPH M. WARD & CO.,
12 West Broadway NEW YORK

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Contract Seed Grower
Watermelon
Surplus list, best quality seed, crop 1909. Send memorandum for estimates crop 1910.
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BRASLAN SEED GROWERS' CO.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California

money or to be received or used in lieu of lawful money of the United States." Personal checks are not intended to "circulate as money;" they merely are orders on which a certain party designated by name on the face of the check can go to the bank where the money is on deposit and get the sum called for by the order.

The purpose of the act, when originally passed in 1862, at a time when the government's subsidiary coin was scarce, was to put a stop to the then common practice of business houses of issuing tokens for use as change and intended "to circulate as money" until presented for redemption in merchandise. The inclusion of the law in the revised statutes undoubtedly was to guard against such an issue of private "currency" sometime when our monetary system breaks down again, as it did in 1907, and clearing house checks and other forms of near-money are in fashion.

HAARLEM'S JUBILEE SHOW.

The Holland bulb growers are enthusiastic in their support of the jubilee flower show to be held at Haarlem next spring. It is well known that the show is to celebrate the half century of the General Bulb Growers' Society, and it is planned that it shall be the greatest exposition the bulb interests ever have held. Some idea of the extent of the display will be gathered from the statement that not less than 1,500 beds and borders of

LEONARD SEED CO.
CONTRACT GROWERS AND WHOLESALE DEALERS
BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS
ONION SETS FLOWER SEEDS Get Our Prices 228-230 KINZIE STREET, CHICAGO
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C. C. MORSE & CO.
WHOLESALE SEED GROWERS
SAN FRANCISCO CALIFORNIA

YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to Burpee, Philadelphia,—for new Complete Catalog
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The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.
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LANDRETH SEEDS WHICH SUCCEED
Bloomsdale Farms BRISTOL, PA.
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THE CHAS. H. LILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED
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SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
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GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
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BEAN, CUCUMBER, TOMATO
Radish, Pea, Muskmelon
Squash, Watermelon, Sweet Corn
CORRESPONDENCE SOLICITED.
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Onion Sets - Onion Seed
We are extensive growers of and dealers in Onion Sets and Onion Seed. We are now prepared to submit figures on the 1909 crop. Write us for prices.
SCHILDER BROS., Chillicothe, O.
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Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN Seeds.
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Narcissus Bicolor Victoria

The finest of all the bicolor varieties. We offer a grand lot of mother, or double nosed bulbs. These bulbs are exceptionally fine, as indicated by the number of bulbs in a case, cases containing 1250 each. Full case lots, 1250 bulbs, for $25.00; less quantities, $2.50 per 100.

Narcissus Paper White Grandiflora. Selected bulbs, 14 cm. and up, 1000 to the case, $11 00; less quantities, $1 50 per 100.
Narcissus Golden Spur. Double nosed bulbs $2.25 per 100; $20.00, 1000.
Princeps. Double nosed bulbs, $1.25 per 100; $10.00 per 1000.
Emperor. Double nosed bulbs, $2.00 per 100; $17.50 per 1000.
Empress. Double nosed bulbs, $1.75 per 100; $16 00 per 1000.
Poeticus. 75c per 100; $5.00 per 1000.
Poeticus Ornatus. Double nosed bulbs, $1.00 per 100; $8.00 per 1000.

Chinese Sacred Lilies

Bundle of 120 bulbs.....$4.20

Tulips

	100	1000		100	1000
Artus	$1.50	$11.50	Murillo	$2.00	$17.00
Chrysolora	1.00	7.50	Rex Rubrorum	1.75	15.00
La Reine	1.25	9.50	Rose Blanche	1.25	9.00
Pottebakker, white	1.25	10 50	Bizards, mixed	1.00	7 50
Yellow Prince	1.00	8.50	Golden Crown	.80	6.50

Hyacinths

Fine Named, $4.00 per 100; $35.00 per 1000.
Separate colors, $2.50 per 100; $22.50 per 1000.
Miniature, or Dutch Romans, finest named sorts, $2.00 per 100; $18.00 per 1000.

Freesia Refracta Alba

French-grown bulbs, mammoth size, $1.25 per 100; $9.00 per 1000.

Lily of the Valley

Our finest Perfection grade. New importation ready. Case of 2000 pips, $26.00; less quantities, $14.00 per 1000.

Gladiolus America

The peer of all gladioli. Forces easily and is the most profitable variety for that purpose. Exquisite, soft lavender pink—about the same color as a Cattleya. $4.00 per 100; $35 00 per 1000.

Spanish Iris

Mixed colors, $2.50 per 1000; finest named sorts, $4.00 per 1000.

Spiraea

Japonica, $5.00 per 100.
Queen Alexandra, new pink Spiraea, $3.00 per doz.; $20.00 per 100.

Allium Neapolitanum

65c per 100; $4.50 per 1000.

All of the above named bulbs now ready, except where otherwise noted. Complete list of bulbs in wholesale list, sent free on application.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

various shapes and dimensions have been planted this autumn, requiring the use of nearly a million bulbs. The stock used was, of course, of the best, and the conditions under which it was planted have been excellent.

A part of the grounds is laid out in the regular French style, in connection with the imposing buildings of the palace, at the north side of the grounds, and formerly belonging to King Louis Napoleon, during his short stay in Holland. The other part of the show is designed in natural landscape style, affording an opportunity for a great number of most picturesque groups and clumps of all kinds of bulbs, naturally growing at the feet of the old trees which are the pride of the Haarlem park.

The nurserymen of Boskoop and Aalsmeer and other well-known centers of the Dutch nursery trade will plant masses of conifers, yews and taxus, flowering shrubs and trees, in early spring.

IMPORTS.

The imports of seeds through the port of New York for the week ending November 6 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto	2	$ 25	Fennel	16	$ 94
Anise	155	1869	Grass	1073	4057
Caraway	100	650	Hemp	100	515
Cardamom	62	1629	L'podium	30	2425
Castor	2270	7375	Millet	450	1449
Celery	25	391	Mustard	2735	20041
Clover	70	2252	Poppy	980	5256
Coriander	77	140	Rape	315	2175
Cumin	335	4841	Other		2672

In the same period the imports of bulbs, trees and plants were valued at $42,686; peas, $3,562; and beans, $2,196.

VALLEY PIPS.

The boat from Hamburg that reached New York November 11 had the following consignments of lily of the valley pips:

Consignee.	Cases.
Hageman, W., & Co	20
McHutchison & Co	406
Maltus & Ware	208
Pollock, T. C	24
Vaughan's Seed Store	60
To order	38
Total	756

THE CROPS.

It is interesting to note that the government crop report as of November 1,

A Chance of Your Lifetime—Never to Return

Speak quick and have the benefit of the new tariff, while stock is on hand.
Prices are strictly net cash and not less than 1000 in a lot.

HYACINTHS

In separate colors.....$12.00 per 1000 Extra, to name, fine stock.....$22.00 per 1000

TULIPS

Single or double, in separate colors, $4.00 per 1000.

	Per 1000		Per 1000
Artus	$ 6 00	Rose Blanche	$4.00
Belle Alliance	10.00	Yellow Prince	5.00
Cardinal's Hat	5 00	La Candeur	8.00
Duchess de Parma	5.00	Rex Rubrorum	8.00

CROCUS

Striped, white and purple, $1.50 per 100.

A full line of **Boxwood**—all sizes, Deutzia Lemoinei, Lilacs and specimen Evergreens are now ready to be sent out.

F. W. O. SCHMITZ, - Prince Bay, N. Y.

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NEW CROP SEED

Asparagus Plumosus Nanus

True Eastern Greenhouse Strain

An unusually fine crop enables us to offer our exclusive quality at the remarkably low figure of $3.50 per 1000, or $30.00 per 10,000 seeds.

No order accepted for less than 1000 seeds.

W. W. RAWSON & CO., Seedsmen
5 UNION ST., BOSTON, MASS.

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SPECIAL VALUE

WE HAVE ABOUT 2000 CALLAS

in pots, some showing bud, at $12.00 per 100.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA

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Bulbs! Bulbs! Bulbs!

At 15% Less than Catalogue Prices

After filling our orders, we find we have the following stocks still unsold. The prices quoted are about 10% lower than our catalogue price. This is your opportunity to grow some Quality Bulbs and make money. First come, first served. The prices are low, very low for this Quality Stock—and we will allow an additional discount, IF CASH ACCOMPANIES ORDER, OF 5%.

Select Named Dutch Hyacinths

		Per 100	1000
250	Hyacinths, Top root	$6.75	$65.00
1528	" 1st size	5.75	55.00
2649	" 2d size	4.25	40.00
330	" 3d size	2.75	26.00
1050	" Miniature	2.00	18.00

Special Mixed Hyacinths for Bedding or Forcing

		Per 100	1000
1900	Hyacinths, single, pink and rose	$2.25	$21.00
3600	" " pure white		
900	" " crimson		
1900	" " dark blue		
3800	" " light blue		

Tulips, Single Early

4500	Tulips Artus	1.00	9.00
3500	" Cardinal's Hat	.80	7.50
2300	" Chrysolora	.65	6.00
1000	" Couleur Ponceau	.75	7.00
2400	" Cramoise Brilliant	1.50	14.00
1100	" Couleur Cardinal	1.60	14.50
3400	" Crimson King	1.25	11.50
500	" Duc Van Thol, red and yellow	.85	8.00
600	" " " " crimson	.80	7.50
200	" " " " white	1.20	11.00
1100	" " " " scarlet	1.25	11.75
400	" Joost Van Vondel, striped	1.20	11.00
1150	" King of the Yellows	1.00	9.00
3750	" La Reine	.85	7.75
2250	" L'Immaculee	.65	6.00
1400	" Pink Beauty	4.50	40.00
1350	" Pottebakker, pure yellow	1.50	14.00
800	" " yellow striped	.90	8.50
400	" Princess Marianna	.75	7.25
1900	" Proserpine	2.25	21.00
2000	" Rose Grisdelin	1.00	9.75
4500	" Rosamundi Huikman	.65	6.25
1000	" Rose Luisante	1.85	17.50
1015	" Sir Thomas Lipton	2.75	25.00
300	" Standard Royal Silver	1.40	12.50
1000	" Vermilion Brilliant	2.50	23.00
300	" Washington	.90	8.50
300	" Wouverman	2.25	21.00
2750	" Yellow Prince	.75	6.50
6000	" Fine mixed single	.50	4.75

Double Tulips

600	Tulips Alba Maxima	1.00	9.00
300	" Blanche Haitive	1.50	14.00
300	" Couronne des Roses	2.75	25.00
700	" Duc Van Thol, red and yellow	.50	4.75
1200	" La Candeur	1.15	10.00
1250	" Murillo	1.50	14.50
1750	" " fancy	1.75	16.00
1200	" Rex Rubrorum	1.25	11.50
525	" Rose Blanc	.75	6.50
700	" Rubra Maxima	1.25	11.75
1250	" Tournesol red and yellow	1.40	12.50
200	" Peony Gold	.85	

Single Late Tulips

1500	Tulips Bizarres	.65	5.50
950	" Bybloems	.75	6.50
825	" Bybloems (Violets)	.75	6.50
400	" Golden Crown	75	6.50
2200	" Gesneriana Spathulata	1.00	9.00
1450	" " Macrospila	.75	6.50
2350	" Maiden's Blush	.75	7.25
500	" Elegans	1.50	14.00
275	" Mrs. Moon	5.50	
575	" Golden Eagle	.75	6.50

Darwin Tulips to Name

		Per 100	1000
350	Tulips Bronze Queen	$4.00	$37.50
1200	" mixed, all colors in splendid variety	.75	6.50

Double Narcissi or Daffodils

1500	Narcissus Alba Plena Odorata	.60	5.50
2000	" Orange Phoenix	.85	8.00
2000	" Single mixed	.60	5.75

Single Narcissi, Trumpet Varieties

300	Narcissus Barri Conspicuus	.75	7.00
2000	" Empress, mother bulbs	1.25	11.00
500	" " extra, mother bulbs	1.50	14.75
2800	" Golden Spur, 1st size	1.25	11.75
2000	" " mother bulbs	1.75	16.00
2000	" Princeps, mother bulbs	.85	7.50
1100	" " 1st size	.65	6.00
1500	" Victoria, mother bulbs	1.75	16.00

Narcissi, Various

500	Incomparabilis Stella	.60	5.50
700	" Cynosure	.65	6.25
300	" Figaro	.65	6.25
1500	Leedsii, Mrs. Langtry	.60	5.00

Chinese Sacred Narcissi

1350	Per mat of 120 bulbs	$3.75
	Per basket of 30 bulbs	1.00
		30.00

Polyanthus Narcissi or Nosegay Daffodils

500	Constantinople	.80	7.00
500	Grand Primo	1.00	9.00
500	Grand Monarque	1.00	9.00
500	States General	1.00	9.00

Paper White Narcissi

20	Cases containing 1250 each	1.00	9.00
30	" " 1300 "		

Also see special Adv. on cover.

Miscellaneous Bulbs

300	Oxalis Cernua lutea fl. pl	1.00	9.50
500	" Bowiei	.75	6.50
300	" Grand Duchess, white	.75	6.50
300	" " " pink	.75	6.50
1000	Ixias, magnificent named varieties, quoted on application. $5.00 to $16.00 per 1000.		
1000	Ixias, choice named varieties		4.50
200	Fritillaria Meleagris	.50	
550	Sparaxis, mixed	.25	2.00
250	" named	.40	3.00
300	Allium Roseum	.65	5.75
300	" Luteum	.40	3.00
1000	Iris, English, named varieties	90	8.00
500	" " mixed	.50	4.25
500	Dark Blue Roman Hyacinths	1.50	12.50
900	White Roman Hyacinths, 12/15	2.00	19.75
1600	" " " 13/15	2.40	23.00
2300	" " " 14/15	2.75	26.00

We have smaller surpluses of various other varieties of bulbs. Write for prices.

ARTHUR T. BODDINGTON SEEDSMAN 342 West 14th St. New York City

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

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OUR SPECIALTY

Next fall will be

Lycoris Squamigera (Amaryllis Halli).
Home-grown Liliums.
All varieties of **German and Japan Iris.**

Write for prices.

JOHN LEWIS CHILDS, Floral Park, N. Y.

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expressed in percentages of a full crop, puts the bean crop at 82.5, as against 79.1 last year and the year before; clover seed at 52.4, as against 90.8 November 1, 1908, and 64.9 in 1907.

AGRICULTURAL CHEMICALS.

There is a firm tone in fertilizers in practically all lines, especially abattoir products, the south being in the market because of the high price of cottonseed meal. Packers are firm in their views as a result on both dried blood and tankage. For dried blood f. o. b. Chicago $2.70 is asked, while concentrated tankage is quoted at $2.40, futures being 5 cents higher for each succeeding month. Fish scrap, owing to the practical conclusion of the catch, is scarcer. Sulphate of ammonia is in fair demand and domestic stocks are fairly well cleaned up. Nitrate of soda is repeated at $2.10, with concessions possible, as stocks are large and the demand light.

AMMONIATES.	
Nit. of soda, 95%, per 100 lbs.	$ 2.10 @ 2.12½
Nit. of soda, futures, per 100 lbs.	2.10 @ 2.12½
Sulp. ammonia, spot, 100 lbs.	2.62½@ 2.65
Dried blood, New York, low grade	2.62½@ 2.65
Dried blood, Western, high grades, fine ground, f. o. b. Chicago	2.70 @.....
Fish scrap, dried, f. o. b. works	2.70 and 10
Wet acidul'd, 6% of ammonia per unit, f. o. b. works	2.35 and 35
Tankage, concentrated per unit, f. o. b. Chicago	2.40 @.....
POTASHES.	
Double manure salt (48 to 49% less than ½% chlor'ne), shipment, per lb	$ 1.16½@..... Basis, 48%
High grade manure salt (90 to 93% sulphate potash), shipment	2.18 @.....
Manure salt, in bulk, 20% actual potash, per ton	4.75 @.....
Kainit, per ton	8.50 @.....
Mur. potash, 80%	1.90 @.....
PHOSPHATES.	
Acid phosphates, per unit	$ .55 @ .60
Steamed bone, per ton	19.00 @19.50

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. First size bulbs, 1¾ inches and up. **$2.00** per 100; **$18.00** per 1000.
Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

May. Pure white, flaked rosey crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs. 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000
Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladiolus in cultivation. **$1.00** per 100; **$9.00** per 1000.

Gladiolus, Colvillei and Nanus (type).

Plant some of these among your carnations; they will come in handy at any time.

Peach Blossom. The most beautiful of all the Colvillei type of Gladiolus; the color is a lovely soft pink, on the order of the Killarney rose. **$0.90** per 100; **$8.75** per 1000.

Blushing Bride. Flowers are large, pure white, with delicate pink spot. Useful for early forcing. **$0.75** per 100; **$6.00** per 1000.

The Bride (Colvillei alba). This lovely white miniature Gladiolus makes a useful cut flower for early Spring use; will stand forcing. **$0.65** per 100; **$5.00** per 1000.

Ackermanii. Salmon-orange, with white blotches, edged scarlet; very pretty. **$0.75** per 100; **$6.50** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman
342 W. 14th St. NEW YORK CITY

Mention The Review when you write.

LILIUM MULTIFLORUM

Just received for Easter forcing, **Lilium Multiflorum,** 7/9, 300 case, at **$45.00.**

SURPLUS

	Per 1000
Tulips, single, extra fine, mixed	$ 5.50
Tulips, double, extra fine, mixed	6.00
Paper Whites Grand., fancy, 14 cm	10.00
Paper Whites Grand., 13 cm	8.00

Currie Bros. Co., Seedsmen and Florists, **Milwaukee, Wis.**

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Winterson's Seed Store

45-47-49 Wabash Ave., Long Distance Phone Central 6004 **CHICAGO**

Plantsmen, Nurserymen, Seedsmen and Florists' Supplies

We can supply everything the Florist Uses **Catalogue Free**

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RELIABLE SEEDS

Giant-flowered Cyclamen, carmine, pink, white, each color separate, per 1000, $6.00; tr. pkt., $1.00
Myosotis Winter Queen, fine for cut ..... oz., 3.00 " .50
Stocks Beauty of Nice, true carmine, daybreak, lilac, white, each color, oz., 4.00 " .50

For other varieties see my catalogue.

O. V. ZANGEN, Seedsman, Hoboken, N. J.

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LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

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BULBS

For Forcing and Outdoors

Best grades only. Send for our Wholesale List

Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00. Cash with order.

W. C. BECKERT, North Side, PITTSBURG, PA.

CENTRAL SEED AND BULB CO.

WHOLESALE GROWING

OUT-OF-DOOR BULBS

52 Wabash Ave., CHICAGO

Gardens at Benton Harbor, Mich.

Mention The Review when you write.

Lilium giganteum

7/9, fine bulbs, ready for delivery from cold storage as desired, $8.50 per 100; $80.00, 1000.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

Ground bone, per ton	$26.00	@27.00
S. C. phosphate rock, ground, per 2,000 lbs., f. o. b. Charleston	6.75	@ 7.00
F. o. b. Ashley River, 2,400 lbs.	5.50	@ 5.75
do dried	7.00	@ 7.25
Florida high grade, phosphate rock, f. o. b. Fernandina, per ton	3.50	@ 9.00
Florida land pebble and phosphate rock, f. o. b. Tampa, per ton	3.70	@ 4.00
Tennessee phosphate, f. o. b. Mt. Pleasant, domestic, per ton	4.25	@ 5.00

A SELECTION OF SWEET PEAS.

The following is an up-to-date selection of varieties in commerce, drawn up by the floral committee of the National Sweet Pea Society of England:

White.—Etta Dyke, Nora Unwin, *Dorothy Eckford.

Crimson and Scarlet.—The King, *King Edward, *Queen Alexandra.

Rose and Carmine.—John Ingman, Marjorie Willis, *Prince of Wales.

Yellow and Buff.—Clara Curtis, *James Grieve.

Blue.—A. J. Cook, *Lord Nelson.

Blush.—Mrs. Hardcastle Sykes.

Cerise.—Chrissie Unwin, *Coccinea.

Pink.—Countess Spencer, *Prima Donna.

Cream Pink.—Constance Oliver, Mrs. H. Bell, *Queen of Spain.

Orange Shades.—Helen Lewis, St. George, *Miss Willmott.

Lavender.—Frank Dolby, Mrs. C. Foster, *Lady G. Hamilton.

Violet and Purple.—Rosie Adams, *Duke of Westminster.

Magenta.—Menie Christie.

Mauve.—The Marquis, *Mrs. Walter Wright.

Maroon and Bronze.—*Black Knight, *Hannah Dale.

Picotee Edged.—Elsie Herbert, Mrs. C. W. Breadmore.

Striped and Flaked (Red and Rose).—

SPECIAL CLEARING

Bulb Sale

BY

Stumpp & Walter Co.

Special Bedding and Forcing HYACINTHS

In Twelve Named Varieties

SINGLE PINK, AND ROSE	SINGLE LIGHT AND RED DARK BLUE	SINGLE PURE AND CREAMY WHITE
Robert Steiger	Regulus	Grandeur a Merveille
Gertrude	Blondin	Baron von Thuyll
Gigantea	Grand Maitre	La Grandesse
Queen Victoria	King of the Blues	L'Innocence
Alexandra		

$5.00 per 100, $40.00 per 1000

HYACINTHS, Mixed

15 centimeters; very select in seven colors:

Pure White, Blush White, Rose, Red, Light Blue, Dark Blue, Yellow

$2.25 per 100, $20.00 per 1000

Miniature Hyacinths

Fine for culture in pans for Easter. Size 13 to 15 centimeters in ten named varieties while they last. $2.00 per 100, $18.00 per 1000.

TULIPS

Single Early

	100	1000
Artus. Scarlet	$1.30	$11.75
Belle Alliance. Crimson	2.50	22.00
Cardinal's Hat. Dark brownish red	.90	8.00
Cottage Maid. White, edged rose	1.00	9.50
Couleur Cardinal. Beautiful crimson	2.25	20.00
Duchesse de Parma. Red, yellow border	1.15	10.50
Duc von Thol. Scarlet	1.60	14.50
Keizerskroon. Red and yellow; first size	1.60	14.00
Keizerskroon. Red and yellow, Jumbo size	2.00	18.00
La Reine. White, rose shaded	1.00	8.50
L'Immaculee. Pure white	.85	7.00
Pottebakker. Scarlet	2.00	18.00
Pottebakker. White	1.50	12.00
Pottebakker. Yellow	1.20	11.00
Rosamundi Huickman. Bright rose, white ground	.90	8.00
White Swan	1.35	12.00
Yellow Prince	1.00	8.00

Late Varieties

Gesneriana Spathulata Major. Brilliant scarlet, blue center.	$1.25	$10.00
Golden Crown. Yellow, bright red, bordered and feathered.	.75	6.00

Double Early Tulips

	100	1000
Blanche Hative. Fine double white early	$1.60	$15.00
Couronne d'Or. Yellow	2.25	20.00
Gloria Solis. Brown and yellow	1.50	13.00
Imperator Rubrorum. Scarlet.	2.75	25.00
Murillo. Delicate light rose	2.25	18.00
Rose Blanche (extra large white)	1.10	9.00
Tournesol. Red and yellow	1.70	16.00

NARCISSUS

Single Varieties

	100	1000
Irish King	$1.75	$15.00
Bi-Color Empress. Pure white perianth, yellow trumpet, mother bulbs (1300 to case).	1.75	15.00
Emperor. Yellowish perianth, with yellow trumpet, mother bulbs (1000 to case)	2.00	18.00
Bi-Color Victoria. Pure white perianth, with yellow trumpet	2.50	20.00
Golden Spur. Deep yellow, extra large mother bulbs (1000 to case)	2.25	20.00
Golden Spur. First size select	1.25	12.00
Stella. White, with orange yellow cup	.75	6.00
Trumpet Major. Deep yellow trumpet and perianth	1.00	6.00
Trumpet Major. French grown	1.50	12.00
Poeticus. Pure white flowers, orange cup edged crimson	.50	4.00
Poeticus ornatus. Similar to Poeticus; very fine for forcing	.50	4.50

JONQUILS

Rugulosus. Giant-flowered wrinkled cup; fine for forcing	$ .85	$6.50
Campernelle. Large yellow for forcing	.60	4.50

Double Varieties

Orange Phœnix. White and orange	$1.00	$ 9.00
Sulphur Phœnix. Sulphur white	1.50	14.00
Von Sion. Large double nose; bulbs extra selected for florist forcing (1700 to case)	2.00	18.00
Von Sion. Selected first size	1.25	10.00

Paper White Grandiflora

	1000	5000
First Size Bulbs, 13 cent. (1250 to case)	$9.00	$43.75
Monster Bulbs, 14 cent. (1000 to case)	11.00	53.75

FREESIA

	1000	5000
Refracta alba. Mammoth	$8.00	$35.00

Lilium Giganteum

10,000—6x8—per case of 400	$16.00
10,000—7x9—per case of 300	18.00

Stumpp & Walter Co. 50 Barclay St. NEW YORK

LET US PLEASE YOU
CINERARIAS

Large flowering dwarf, strong, 3-in., $3 50 per 100.
ASPARAGUS PLUMOSUS, fine, 3-in., $4.00 per 100.
CYCLAMEN GIGANTEUM, 3-in., $5.00 per 100.
DRACAENA INDIVISA, strong, field-grown, for 5-in. pots, $6.00 per 100.

XXX SEEDS

CHINESE PRIMROSE, finest grown, single and double, mixed, 500 seeds, $1.00; ½ pkt., 50c.
CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.
GIANT PANSY Finest Giants, mixed, critically selected, 6000 seeds, $1 00; ½ pkt., 50c; oz., $2.50.
CASH. Liberal extra count.

WE CAN PLEASE YOU
JOHN F. RUPP, Shiremanstown, Pa.
RUPPTON: The Home of Primroses
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Thorburn's Bulbs
Established 1802
Paper White Narcissus
and all other Dutch Bulbs of high grade.
A Few Lilium Harrisii
left, 5 to 7 in., at $37.00 per 1000.
J. M. THORBURN & CO.
33 Barclay Street, through to 33 Park Place, NEW YORK.
Mention The Review when you write.

Aurora Spencer, Yankee, *Jessie Cuthbertson.

Striped and Flaked (Purple and Blue).—*Prince Olaf.

Fancy.—*Sybil Eckford.

Bicolor.—Mrs. Andrew Ireland, *Jeannie Gordon.

Marbled.—*Helen Pierce.

An asterisk denotes a variety that is not waved.

CATALOGUES RECEIVED.

M. Rice & Co., Philadelphia, Pa., florists' supplies and specialties in ribbons; E. S. Miller, Wading River, N. Y., bulbs and hardy plants; F. B. Mumford, dean of the Missouri Agricultural College, Columbia, Mo., bulletin entitled "Education for Agriculture"; Anton Schultheis, College Point, N. Y., plants and ferns; Hjalmar Hartmann & Co., Copenhagen, Denmark, seeds of cabbage, cauliflower, turnips, mangolds and other roots; W. C. Kennedy, St. Joseph, Mo., bulbs for fall planting; Pennell & Sons, Lincoln, England, shrubs, trees, roses, climbing plants, etc.; Wm. Paul & Sons, Waltham Cross, Hertfordshire, England, roses, trees, shrubs and other nursery stock; S. Bide & Sons, Farnham, England, general nursery stock; M. Herb, Naples, Italy, novelties in plants and vegetables; Dervaes Freres, Wetteren, Belgium, nursery stock; V. Lemoine & Son, Nancy, France, plants, bulbs and seeds; California Rose Co., Pomona, Cal., field-grown roses; Pape & Bergmann, Quedlinburg, Germany, seeds of novelties in flowers and

Lilium Giganteum
For Immediate Delivery

6 to 8 .....$ 50.00 per 1000
7 to 9 ..... 75.00 "
8 to 10..... 100.00 "

Extra Quality Multiflorum

6 to 8.....$35.00 per 1000
7 to 9..... 50.00 "

These are all Horseshoe Brand Bulbs
Ralph M. Ward & Co.
12 West Broadway NEW YORK, N. Y. Not how cheap, but how good.
Mention The Review when you write.

Winter Flowering Sweet Peas
We carry in stock, all the leading and up-to-date varieties, and have many testimonials as to quality and trueness of type. For prices and varieties see our advertisements in previous numbers of the Review or write for our Fall Bulb Catalogue, which contains a full and descriptive list of varieties worth growing.
ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY
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NEW CROP BRILLIANT STRAIN Mammoth Verbena
Unexcelled in size, distinctive markings and wide range of rich colors.
Pink, Purple, Scarlet, Striped and White, large trade pkt., 30c; per oz., $1.25.
Brilliant Mixed, large trade pkt., 25c; per oz., $1 00.
Write for prices of Auratum, Rubrum, Melpomene and Magnificum Lilies.
Dutch and French Bulbs are in demand, but we still have some choice stocks. Write for Surplus List.
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Importers and Growers of High-grade
SEEDS, BULBS, PLANTS, Etc.
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SEEDS :: BULBS :: PLANTS
72 Cortlandt St. NEW YORK CITY
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Dutch Bulbs, French Bulbs, Freesia, Easter Lilies, in Stock Now.
H. H. BERGER & CO., 70 Warren St., New York

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Prize-winning Display of Lily of the Valley Staged at Chicago by H. N. Bruns.

You can have VALLEY just like this for CHRISTMAS

If you order your VALLEY PIPS from me now.

They have been selected with the greatest care by my agent in Germany and are splendid for early forcing.

You can have VALLEY like this ALL THE YEAR ROUND, if you give me an order for regular shipments.

Chicago Market Brand, finest Valley for Xmas forcing, $1.75 per 100; $15.00 per 1000.
Berlin Pips (early forcing variety), $1.50 per 100; $13.00 per 1000.

H. N. BRUNS,

3040 W. Madison St.
Old Stand; New Number,
CHICAGO

Mention The Review when you write.

vegetables; Wm. Learmont & Son, Dumfries, Scotland, nursery stock; H. Merryweather & Sons, Southwell, Nottinghamshire, England, nursery stock; J. J. Soar, Little River, Fla., orange, grapefruit and ornamental stock; F. C. Heinemann, Erfurt, Germany, special offer of novelties in seeds; A. L. Randall Co., Chicago, Christmas list of greens and novelties.

STORING SMILAX ROOTS.

Can smilax roots be wintered in the cellar of a residence? W. F. T.

There will be no difficulty in wintering smilax roots in a residence cellar, provided the temperature is kept well above freezing and they are not allowed to get too dry.

VERBENAS FOR SPRING SALES.

Will you tell us the proper time to plant verbena seed to have them in bloom for Decoration day? Can cuttings be wintered over in coldframes if protected from heavy frosts? A. W. F. & S.

If sown from the middle to the end of March, the verbenas will be of good size and starting to flower in an average night temperature of 50 degrees. Cuttings can be successfully wintered in a coldframe if it is properly protected. A little frost will not hurt them. Dampness must, however, be guarded against. Air freely on every favorable opportunity. If shut up for several days in succession the plants will become moldy and soon rot. C. W.

Here's Where The Bulbs Fly

Just to dispose of a late importation.

Your chance. Better take advantage of a good thing.

Last week we sold half our surplus. This offer may not appear again.

	Per 100	
HYACINTHS	Now	Catalogued
Double Named	$4 50	$5.50-$7 00
Single Unnamed	2.35	2.50
Double Unnamed	2 35	2.75

	Per 100	
SINGLE TULIPS	Now	Cat'ed
La Reine	$ 90	$1.00
Yellow Prince	.80	1.00
Duc van Thol, scarlet	1 35	1.60
Superfine Mixed	.85	1 00
DOUBLE TULIPS		
Imperateur Rubrum	2 25	2.60
Murillo	1.75	2 00
Rex Rubrorum	1.65	1.85
Superfine Mixed, early	.80	1.10

	Per 100	
SINGLE NARCISSUS	Now	Cat'ed
Princeps Maximus	$0 80	$1.00
Empress	1.60	1.75
Emperor	1 80	2 00
Golden Spur	2 00	2 25
Poeticus, Pheasant's Eye	.50	.65
Poeticus, Burbidgii	.50	.65
DOUBLE NARCISSUS		
Albo Pleno Odorato	.50	.65
Von Sion, True Daffodil	1.00	1.25
Von Sion, Double Nose	1.80	2.00
Mixed	.60	.75
Single Jonquils	.60	.75
Chinese Lilies	per basket,	1.10

Not less than 50 bulbs of each kind.

To secure these prices, must mention this paper.

JAMES VICK'S SONS, Rochester, N. Y.

Mention The Review when you write.

Yuess Gardens Co.

SEEDS : BULBS : PLANTS

Newburgh, N. Y.

GLADIOLI

As good as any and better than many.

E. E. STEWART, Rives Junction, Mich.

Vegetable Forcing.

PROFITABLE LETTUCE CULTURE.

We are figuring on putting up an addition to our greenhouse, to grow lettuce. Having had no practical experience in growing it, we should be glad to have you give us some information. How much growing space will be required to produce 500 pounds of marketable lettuce per week? At what degree should the temperature be kept? Is there any profit at 15 cents per pound? How long after the plants are set in the bed will they be ready for market, under proper care? P. G. C.

The night temperature for lettuce should be held at about 45 degrees. In the daytime it may be run from 5 to 10 or 15 degrees warmer, depending upon how bright the day is. To get the correct temperature in the daytime it is absolutely necessary to have the thermometers facing north, with a protector around them, so that the sun's rays do not touch even the back of the thermometers. If the sun shines on an instrument it runs up the mercury so that the correct temperature is not recorded. A good protector can be made by taking a piece of a thin board about three inches wide and longer than the thermometer, for a back; then take two strips of lath, the same length, and tack them to the edge of the back piece for side protectors.

Grand Rapids lettuce can be made to pay well at the price mentioned by P. G. C.

It takes ten to twelve weeks from the date of planting the seed until lettuce is ready to market. With good care and fine weather the time covered may be only ten weeks, but if the crop is neglected or is grown in the darkest winter months, it will take twelve weeks.

As soon as the seed is up it should be transplanted into a bed, placing the plants about 1½x2 inches apart. They will be ready to transplant again to the producing house about four weeks from the day of planting the seed. If given more space when transplanting the first time, they can be left in the propagating bed longer, but must not be stunted or checked at any time.

For a continual, steady crop the area should be divided into four batches. Four greenhouses, besides a plant house for propagating, make a nice system for lettuce growing. When the first house is all cut and sold, it will be six weeks before it will have another crop ready, so each of the other three houses or batches must be large enough to furnish the supply for two weeks. No time should be lost in the replanting. During the two weeks when a lot is being marketed, the soil can be got ready to turn over and replant without a day's delay. The nice work comes in the starting of the plants. Every two weeks a new lot of seed must be planted and two batches of transplanted plants are always on hand, besides the seed just planted. When the third batch of seed is planted, the first lot is then about ready to transplant, and, unless you have room in the propagating beds for three transplanted lots, the first one must be put out soon to get out of the way of the third batch of seedlings.

As to the area necessary in order to produce the number wanted, 500 pounds per week or 1,000 pounds in two weeks, I could not say, as I have always sold by count. You can, however, find this out yourself, by weighing a few good, average heads and determining how many heads it would take to make 1,000 pounds. For the distance between plants, 6x8 inches is about right, so you can figure how many plants there will be in one of your benches, and then, again, how many benches must be in each lot in order to grow enough plants to make the 1,000 pounds cut every two weeks. H. G.

Monticello, Ind.—The Monticello Floral Co. held a formal opening of its new establishment, October 28 to 30. The building is 25x192, twenty feet being used as office and boiler-room, and the balance under glass. The plant is modern in every particular.

No Grower of Vegetables under glass can afford to do without the Wittbold system of

Watering

—because with it a boy can do as much as two men can do in a whole day with the hose—and do it better.

The system is equally valuable outdoors, and for many other crops besides vegetables—wherever you need water.

Send for our booklet—with testimonials—read and you'll send in your order.

E. H. HUNT

Exclusive Sales Agent

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Vegetable Seeds

FOR FORCING

STOKES' STANDARDS are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ½ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb. 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 85c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb., 35c; lb., $1.25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

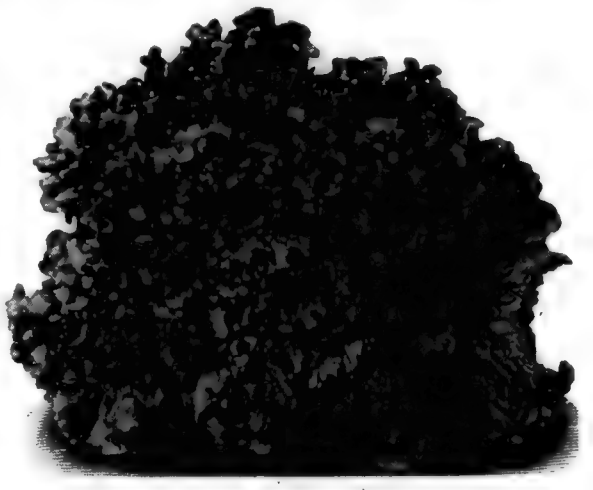
Asparagus Roots

Giant Asparagus Roots, 8 years Old, For Greenhouse Forcing. Big money in it. Will produce a large quantity of stalks. Also **Rhubarb** for winter forcing, and 2 and 3-year-old **Asparagus** for field growing.

WARREN SHINN

Nurseryman, Woodstown, N. J.

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GRAND RAPIDS LETTUCE

is without doubt the best sort for greenhouse culture during the winter. Gardeners everywhere are delighted with its selling qualities and dealers and shippers will have no other kind. We realized the importance of this variety years ago and have steadily aimed to have the finest strain going.

Our Extra-Selected Private Strain

has been evolved by years of patient effort and selection until we have it now at the top-notch. We sell hundreds of pounds annually to the most critical trade, and it gives uniformly best results. Plant it for big profits from your greenhouse. Oz., 10c; ¼ lb., 35c; lb., $1.35 postpaid. You, no doubt, know that we have many other extra fine strains and specialties for market gardeners. Watch this space for further news or write today for special wholesale price list.

The Livingston Seed Co.

Columbus, Ohio

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There are no **Dry Spots** with The Skinner System of Garden and Greenhouse Irrigation.

The Skinner Irrigation Co.

TROY, O.

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VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co, White Marsh, Md.

Mention The Review when you write.

Grand Rapids, Mich.—Harry Smith, the Monroe street florist, has purchased the Peck property on South Division street, between Island and Oakes streets, for $22,300. The ground, at present vacant, is 120x128 feet, and Mr. Smith is planning to erect a residence block on it.

Edward Reid, CHRYSANTHEMUMS HUDSON RIVER VIOLETS
WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa. Orchids, Beauties, Valley And All Seasonable Cut Flowers
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 17.

	Per doz.
Beauty, Specials	$3.00 to $3.50
" Extra	2.50
" Medium	1.50 to 2.00
" Short	.75 to 1.00
	Per 100
Killarney, My Maryland, Select	$ 5.00 to $ 8.00
" " Ordinary	3.00 to 4.00
Bride, Maid—	
Select	5.00 to 6.00
Ordinary	3.00 to 4.00
Richmond, Jardine, Fancy	5.00 to 8.00
" " Ordinary	3.00 to 4.00
Carnations, Fancy	3.00
" Select	2.00 to 2.50
" Ordinary	1.50
Harrisii Lilies, per doz., $1.50	
Adiantum	.75 to 1.00
Asparagus Plumosus, strings	50.00
" sprays 35c-50c	
" Sprengeri " 35c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Cattleyas...doz., $9.00 $60.00 100	
D. Formosum.....each, 40c to 50c	
Cypripedium.....each, 15c	
Gardenias, Fancy, doz. $3.00 to $4.00	
" Shorts " 2.00	
Dagger Ferns, per 1000, 1.50	
Violets, Double	.75 to 1.00
Violets, Single	.30 to .50
Mums, Fancy....doz., $2.50 to $3.00	
" Select...doz., 1.50 to 2.00	
" Ordinary, doz., .75 to 1.00	
Pompons....per bunch, 20c to 25c	
Sweet Peas	.50 to .75
Bouvardia	1.50 to 2.00
Yellow Daisies	1.00 to 1.50
White "	1.00 to 1.50
Mignonette	2.00 to 3.00
Pansies	.75

St. Louis, Nov. 17.

	Per doz.
Beauty, Specials	$2.00 to $3.00
" Extra	1.00 to 2.50
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 4.00 to $ 8.00
" " No. 1	2.00 to 5.00
Richmond	4.00 to 8.00
Carnot	4.00 to 8.00
Ivory	4.00 to 8.00
Killarney	4.00 to 8.00
Carnations, Fancy	2.00 to 3.00
" Common	1.00 to 1.50
Adiantum	1.00 to 1.25
Asparagus Plumosus, strings	35.00 to 50.00
" sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, Single	.25 to .40
" Double	1.00
Chrysanthemums, doz., $2.00-$3.00	

Pittsburg, Nov. 17.

	Per doz.
Beauty, Specials	$3.00
" Fancy	$ 2.00 to 2.50
" Medium	.75 to 1.50
" Short, $3.00 to $5.00 per 100	
	Per 100
Bride and Bridesmaid, Fancy	$ 6.00 to $ 8.00
" " Medium	4.00
" " Short	2.00
Richmond	3.00 to 8.00
Killarney	4.00 to 10.00
White Killarney	3.00 to 10.00
Kaiserin	2.00 to 8.00
My Maryland	3.00 to 10.00
Carnations	1.00 to 2.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	3.00 to 4.00
Lilies	12.00
Chrysanthemums	4.00 to 25.00
Cattleyas	60.00
Daisies	.50 to .75
Violets	.75 to 1.00

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

Mums Fancy and select, all colors, $1.50 to $3.00 doz. **Beauties** Fine stock, $1.50 to $4.00 doz.
Fancy Brides and Valley
Open from 7:30 a. m. to 8 p. m.
Philadelphia Cut Flower Company Wholesale Flowers
We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA
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SAMUEL F. LILLEY. Wholesale Florist
A good market for more Choice Flowers
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WHOLESALE FLORIST
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Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
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Wm. C. Smith Wholesale Floral Co.
Wholesale Florists
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Supplies and Everything in Season always on hand
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Upsal Station, P. R. R., GERMANTOWN, PHILA.
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To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the
Horticultural Advertiser
Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade
A. & C. Pearson, Lowdham, Nottingham, Eng.
Mention The Review when you write.

WE have had a nice trade this season on pansies; the REVIEW did it.—J. H. KRONE, JR., Fort Smith, Ark.

PLEASE omit my advertisements of vincas and dracænas, for they have sold them all.—DANA R. HERRON, Olean, N. Y.

THE REVIEW does beat all in selling stuff. Every time I advertise in it I get more orders than I can fill.—S. J. GALLOWAY, Eaton, O.

H. E. FROMENT

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Receiver and Shipper of All Varieties of Cut Flowers

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SHIPPING ON COMMISSION
Telephone 756 Madison Square

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Wholesale and Retail Dealers in all kinds of

Evergreens

Fancy and Dagger Ferns
Galax, Brown and Green



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Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax.

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THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

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New York, Nov. 15.

	Per 100
Beauty, Specials	$15.00 to $25.00
" Fancy	10.00 to 15.00
" Extra	8.00 to 10.00
" No. 1	2.00 to 3.00
" No. 2	1.00 to 2.00
Bride and Maid, Specials	3.00 to 4.00
" " Extra	2.00 to 3.00
" " No. 1	.75 to 1.50
" " No. 2	.25 to .75
Richmond	.50 to 5.00
Chatenay	.50 to 6.00
Killarney	.50 to 5.00
My Maryland	.50 to 6.00
Orchids	50.00 to 75.00
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Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
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Callas	6.00 to 8.00
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Bride and Maid, Select	2 00 to 3.00
" " Seconds	1.00
Chatenay	1.00 to 4.00
Killarney	1.00 to 4.00
Liberty, Richmond	1.00 to 4.00
Carnot, Kaiserin	1.00 to 5.00
My Maryland	1.00 to 6.00
Carnations, Special	2.50 to 4.00
" Select	2.00
" Ordinary	1.00 to 1.50
Cattleyas	25 00 to 40.00
Lily of the Valley	2 00 to 4 00
Asparagus Plumosus, strings	30 00 to 50.00
" " Sprays, bunches	25 00 to 50 00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.25 to .50
Lilium longiflorum	8.00 to 10 00
Cosmos	1.00
Violets	.40 to .60
Chrysanthemums	2.00 to 12.00
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Cypripediums	8.00 to 10.00
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Richmond	3.00 to 10.00
Kaiserin	3.00 to 10.00
Maid	3.00 to 8.00
Bride	3.00 to 8.00
Carnations	2.00 to 5.00
MUMS	
Special large, doz.	3.00
Fancy, doz.	2.00 to 2.50
Medium, doz.	1.50
Small, per 100,	6.00 to 10.00
Violets, single	.75 to 1.00
Sweet Peas	1.00
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.25
Ferns, per 1000, $1.50	

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" 36-in. "	3.00
" 30-in. "	2.50
" 24-in. "	2.00
" 20-in. "	1.50
" 15-in. "	1.25
" 12-in. "	1.00
" short "	.75
	Per 100
Bridesmaid, Special	$ 6.00 to $ 8.00
" Firsts	4.00 to 5.00
" Short	3.00
Bride, Special	6.00 to 8.00
" Firsts	4.00 to 5.00
" Short	3.00
Kaiserin, Special	8.00 to 10.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Richmond, Specials	8.00 to 10.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Golden Gate, Specials	6.00
" " Firsts	4.00 to 5.00
" " Short	3.00
Killarney, Specials	10.00
" Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
White Killarney, Specials	10.00
" " Firsts	6.00 to 8.00
" " Seconds	4.00
My Maryland, Specials	10.00
" Firsts	6.00 to 8.00
" Seconds	4.00
Mrs. Jardine, Specials	8.00 to 10.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Rhea Reid	3.00 to 10.00
Uncle John	3.00 to 6.00
Perle	3.00 to 7.00
Carnot	4.00 to 8.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.00
Sweet Peas	.75 to 1.50
Bouvardia	4.00 to 6.00
Mums, doz., 50c-$3.00	
Cattleyas, per doz. $7.50	
Easter Lilies, per doz. 1.50-2.00	
Valley	3.00 to 4.00
Asparagus, strings	50.00 to 75.00
" sprays...bunch, 35c-75c	
" Sprengeri " 25c-85c	
Ferns, per 1000, $1.50	.15
Galax, " 1.00	.15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz. $1.50	
Leucothoe	.75
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Wholesale Cut Flower Prices.

Cincinnati, Nov. 17.

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Beauty, Extra	$15 00 to $30.00
" No. 1	8.00 to 12.50
" Shorts	4.00 to 6.00
Bride and Maid, Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Killarney	2.00 to 6.00
Richmond	2.00 to 6.00
My Maryland	4 00 to 8.00
Kaiserin Victoria	2.00 to 6.00
Rhea Reid	4.00 to 8 00
Carnations	1.00 to 2 00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3 00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Adiantum	.75 to 1.00
Mums.....per doz., $2.00 to $3.00	

Buffalo, Nov. 17.

	Per 100
Beauty, Specials	$20.00 to $25.00
" Fancy	15.00 to 20.00
" Extra	10.00 to 15.00
" Shorts	2.00 to 10.00
Bride, Killarney and Maid, Special	8.00
" " " No. 1	4.00 to 5.00
" " " No. 2	3.00 to 4.00
" " " Shorts	2.00 to 3.00
Richmond	3.00 to 6.00
White Killarney	4.00 to 8.00
Chatenay	4.00 to 6.00
Detroit	4.00 to 6.00
Maryland	4.00 to 8.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1 00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Longiflorum	10.00 to 15.00
Ferns.....per 1000, $1.50	
Galax..... " 1.50	
Japan Lilies	3 00 to 4.00
Chrysanthemums	5.00 to 20.00
Violets	.50 to .75

Milwaukee, Nov. 17.

	Per 100
Beauty, Long	$25.00
" Medium	$15.00 to 20.00
" Short	8 00 to 12.00
Bride and Bridesmaid	4 00 to 8.00
Golden Gate, Chatenay	4.00 to 6.00
Richmond	4.00 to 8.00
Killarney	4.00 to 6.00
Perle	4.00 to 6.00
Valley	3.00
Asparagus Plumosus, strings	50.00
" " sprays	3.00
" Sprengeri "	3.00
Adiantum	1.00
Lilies.....per doz., $1.50	
Ferns.....per 1000, 3 00	
Mums.....per doz., $2.00 to 3.00	
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Headquarters of Western Pennsylvania Growers
937 Liberty Ave., PITTSBURG, PA.

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PACIFIC COAST.

Los Angeles, Cal. — The Roth-Reymond-Muller Floral Co. has been incorporated, with a capital stock of $10,000. The directors are Chas. J. Muller, Eugene H. Roth, F. B. Reymond and Regina Muller.

Loomis, Cal.—The Rowell Fruit Co. has been incorporated, with a capital stock of $50,000. The object of the new organization is to take over the business of Rowell, Day & Co., and to deal in fruits, vegetables and nursery stock. The directors are George F. Rowell, of this city, J. F. Johnson and John F. Pullen, of Sacramento.

CALIFORNIA RED BERRIES.

The trade in California red berries, from present appearances, bids fair to be larger this year than ever before. This article, which for many years was handled only in a desultory way, has of late seasons become one of the prominent factors in the florists' business.

With the coming of November and the long, cool nights the berries assume a bright red color. Where the climatic conditions are not favorable, however, the berries do not acquire that peculiar scarlet color that makes them so valuable as an adjunct to the flower trade. Where there is an excess of foggy weather the berries have a black appearance, which makes them quite unfit for selling. If grown in a situation that is too cold or windy, the berries are small and poor and have no value.

The reckless cutting of this beautiful evergreen by careless ranchers has made the supply in the immediate vicinity of towns extremely scarce, and each successive season finds it necessary to go farther and farther off the beaten trail and into the less frequented regions to get a supply.

Sharp touches of frost will interfere greatly with the proper coloring of the fruit and a few cold nights two weeks before Christmas will play great havoc with the season's supply.

Several years ago $25 per ton was considered a good price by those who handled the berries, but within the last few years double and treble these prices have been charged. G.

SEATTLE.

The Market.

Although there is a general depression readily seen in many business places owing to the unsettled condition of the people after the closing of the exposition, the last two weeks have been good ones for the florists and much satisfaction is felt in regard to the prospect for the winter's business. Moreover, stock as a whole is coming in nicely and we anticipate no trouble in this line this season. Chrysanthemums, of course, are the leaders and, although they are not overplentiful, the quality is fine; the choicest bring as high as $9 per dozen retail, with ready sales. Violets are rather good for so early and of course the supply is unlimited, as they come through nicely from California. Home-grown ones are scarce, but of far better quality. Even the poorest would make the eastern stock appear second grade, as violets are one of our strongholds here. Large fancy flowers with extra long stems are plentiful. Owing to a washout on the Northern Pacific, California stock was badly delayed last week. Orchids are arriving in quantity, to the surprise of all, and many fancy blooms are shown in the stores. Beauties are fine, while prices are moderate, ranging from $3 to $6 per dozen for the best grades. Asters and peas have gone and the only outdoor flowers are a few cactus dahlias and a few straggling Brunner roses. The indoor roses, however, are fine and show a tendency to further improve. Carnations, as usual at this period, are plentiful and the quality is fine.

Flowering plants are seen, although only a few. Cyclamen is the best bloomer and seller in evidence, but quite a few primroses are on the market.

The nurserymen are having a profitable autumn and feel encouraged with the work so far accomplished.

In the line of novelties, many pretty ones are shown, all the stores doing a large business with them. In fact, novelties of any kind are new to Seattle and the craft has just begun to realize the profits which lie in them.

Various Notes.

Mrs. Lena McCoy's new store on Third avenue is rapidly rounding into shape. Mrs. McCoy has worked in several original and unique ideas with a pleasing result.

Mrs. Stimson's new store in the Moore Theater block was opened November 9 with the customary display. This is a new venture for Mrs. Stimson and the trade all wish her well.

Sam Graff is sparing no expense to make his windows attractive.

Mr. Johnson, one of the Seattle craft, has purchased the Fremont Floral Co. of Gus Bjorkman, who is going to California to spend the winter.

Mr. Lomley, of the McCoy Co., has been in the east for some time on the lookout for pointers and novelties. Wm. Billingsley, the Indianapolis florist with this firm, has purchased twenty acres of orchard land near Wenatchee.

Walter Scott has installed a new boiler in his place this fall.

W. E. Hopkins has purchased the Auburn Nurseries and will run them in connection with his other place, the Seattle Carnation Co. Mr. Hopkins also did the "proud papa act" this week; it was another girl. J. G. C.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000 $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6 00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6 00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3 00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz. 50c; oz., $1 50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c. oz., $1.00 **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

Cinerarias

Strong, clean plants from bench, ready for 3 and 4-inch pots, $2.00 per 100.

350,000 1-yr. **Asparagus Plants,** ready for delivery in December. Leading varieties. Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

Own Root
Field-grown
Roses
California
Rose Co.,
Pomona,
Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

DO YOU WANT STOCKY PLANTS?

WASHINGTONIA ROBUSTA

(Fan Palms), 2 to 3 ft., by the thousands.

Exotic Nurseries

Santa Barbara, Cal.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

The weather has suddenly turned colder. The excess of rain is apparently over and we are being treated to warm, bright days and clear, frosty nights. Its effect has been to make indoor stock a shade scarcer, but there has not yet been sufficient cold weather to interfere with the violets or chrysanthemums. The prices on all kinds of roses and carnations have advanced slightly, and we can look for still greater advancements in the near future. The best fancy carnations cost the retailers on an average of $3 per hundred and from that price down to $2 is the ruling rate at this time. Bride and Bridesmaid cost the stores from $2 to $4 per hundred and Beauties up to $2 per dozen. Violets are the most popular flower at this time, with the possible exception of chrysanthemums; 75 cents per dozen bunches is the ruling price for the former, and for the latter from 25 cents to 50 cents per dozen for outside stock and twice that price for hothouse-grown stock, which gives a good idea of what they are worth.

Paper White narcissi have made their appearance and sell at $1 per hundred wholesale. Orchids, principally cattleyas,

are much in evidence. They are sent into town by half a dozen growers and cost the florists 60 cents each. Gladioli, dahlias, coreopsis, gaillardias and stocks have entirely disappeared for the season. Stevia has made its appearance, but will not be plentiful for a couple of weeks. Smilax is more plentiful than it has been, but maidenhair fern and asparagus are slightly scarcer.

Business in all the bay cities is not overbrisk, but shows a slight improvement over that of a year ago. Funeral trade continues to be the best source of income for the florists at present.

Various Notes.

The regular monthly meeting of the California State Floral Society was held at the home of B. E. Henriksen November 8. Several interesting papers were read and there was quite a display of hardy outside flowers.

Thomas Chisholm, a well-known nurseryman of southern California, is in town for a few days' visit.

Robert Turnbull, of Fruitvale, Cal., has been elected a member of the Alameda Forestry Commissioners.

J. P. Parker, of Santa Cruz, is shipping some fine cattleyas to the local dealers.

The Holland Nursery Co., of Elmhurst, has planted one of its large carnation houses to sweet peas for winter blooming.

P. J. Thorsted & Co. report a heavy month's trade at their new store on Market street.

A. Nauvraumont, recently connected with the May Seed Co., has opened up a business in the general seed and plant line under the name of the California Seed Co. His store is four doors west of the May Seed Co.

E. Gill, of West Berkeley, has purchased 100 acres at San Jose, which will be entirely devoted to the growing of roses. G.

POTTING LOQUATS.

Please tell me when to pot loquats. I planted them in flats in May. They are about four inches in height now. Shall I pot them now or wait until spring?

C. W. K.

The loquat is a tree that grows practically all the year in southern California and it is better to pot them at this time than it will be later in the season.

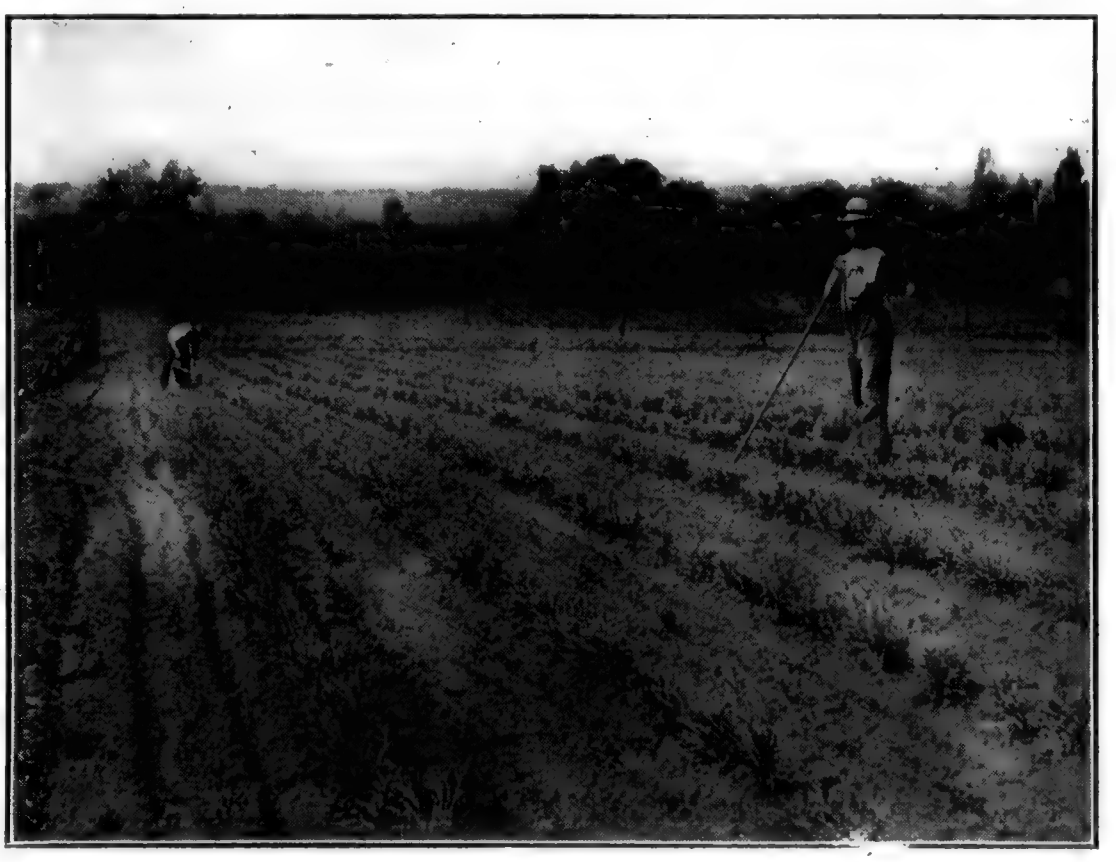
In a general way it is safe to say that almost all small evergreen trees and shrubs can be transplanted to better advantage when they are in a growing condition than when they are partially dormant in the late winter or early spring. If the weather is warm keep them shaded and well watered for a couple of weeks and after that there will be no trouble with them. G.

BERKELEY, CAL.

The new store which has been opened by H. M. Sanborn, at the corner of University and Shattuck avenues, is one of the most attractive florists' establishments about the bay. The building is not only new, but was fitted up expressly for Mr. Sanborn's use and is said to be one of the ornaments of the city.

On the main floor is a fountain with a colored glass canopy, and arranged around this central figure are numerous vases and receptacles of cut flowers. In the basement is an art department, where is displayed a large assortment of cut glass, hammered brass and pottery. In this department all funeral and other floral pieces are made. In the mezzanine floor are ferns, potted plants and other greens. A new feature is the addition of a landscape gardening department.

Rooted Carnation Cuttings



Showing a Portion of Our Field

Is there any comparison to be made between cuttings grown on plants that have been raised in the open under the most favorable climatic conditions, with plenty of water and good, deep cultivation, and those grown on plants that have been raised under glass?

Our Cuttings will be ready for early December Delivery
WATCH THIS SPACE FOR PRICES

Loomis Carnation Co., D. F. RODDAN & SON, Proprietors **Loomis, Cal.**

Mention The Review when you write.

Rooted Carnation Cuttings

All the best varieties for Dec. 1 delivery.
Send for price list, now ready.

Field-grown plants yet for sale

Bassett's Floral Gardens
LOOMIS, CAL.

Mention The Review when you write.

ROOTED
Carnation Cuttings
...Our Specialty...
Write For Prices.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers
PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½ in. pots ..per 1000, $25.00;	$ 3.00
Cyclamen, 4 in.. buds and flowers.....	25 00
Primula Obconica, 2½-in. pots	4 00
Mums, stock plants.....	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

PROSPECTS IN CALIFORNIA.

San Francisco and vicinity have within the last few days been treated to several good showers of rain. Up to the first of October more than one inch of rain had fallen, which is rather unusual at this time. The effect on the grape and dried fruit industry is to be deplored, while on the nursery and flower business it is a distinct benefit. From a strictly business standpoint, it must be said to interest the prospective planter intensely, that never in the history of the local nurseries or seed stores were inquiries more general or signs of approaching trade more favorable than they have been thus far in the month of October.

In California, where we have distinctively a dry and a wet season, the public rarely gives the renewing of their gardens any consideration until after the first rains; whether they appear in September or not until late in November makes but little difference. The plant growers, consequently, have a great advantage when the season opens so early in the fall, for unless some unforeseen conditions arise there should be an unbroken line of planting from this time until late in the spring of next year.

The weather clerk has not been particularly considerate in the matter of regulating the climatic conditions for the last two seasons. Excessively dry autumns, excessively wet winter months and exeessively dry spring months have all made a combination hard to beat and trying both on the planter and the grower. With a long season, such as the one promises to be on which we are just opening, and an interested flower-loving public, the dealers, both of large and small degree, should have a banner year. G.

GARY, IND.—A new flower store will be opened by Whitlock & Boyle, at 31 West Sixth avenue in the Hotel Norton building.

Bay Trees Bay Trees

2000 just to hand **JULIUS ROEHRS CO.** **Rutherford, N. J.**

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

THE Stark Bros. Nurseries and Orchard Co., Louisiana, Mo., made an exhibit of apples at the St. Louis flower show November 9 to 12.

REPORTS from England are to the effect that the crop of Manetti stocks is short of anticipations and that the exporters will be compelled to cut orders.

THE Yakima Independent Nursery has been incorporated at Wapato, Yakima county, Wash., with a capital of $10,000. The incorporators are W. A. and Ethel Berg.

ACCORDING to the government statisticians the average production of apples this year is 42.5 per cent of a full crop, against 43.4 per cent in 1908, and a ten-year average of 50.9 per cent.

THE Caldwell Nursery Co. has been incorporated at Caldwell, Idaho, with a capital stock of $25,000. The incorporators are W. S. Hawkes, C. T. Hawkes, H. H. Cummins and W. R. Wilkerson.

PICEA ORIENTALIS NANA.

The specimen of Picea orientalis nana that is here illustrated is thirty-one feet in circumference and thirty-eight inches high. It was grown on the estate of Arthur Whitin, Whitinsville, Mass., where Thomas Howden is manager. It was transplanted six years ago and is now a handsome specimen. A practice Mr. Howden follows with his evergreens is to give all a thorough soaking of water before the ground freezes and later put on a mulch of old leaves. It is well known that dryness at the root causes the death of thousands of evergreens every year; far more die from this cause than from the severity of the frost. For fertilizer, bone and wood ashes are used. This tends to make the growths firm and they are thereby the better able to withstand the severe New England winters.

W. N. C.



Picea Orientalis Nana.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, T. Blumschen, La Flamma, Trier, Lady Gay, Debutante, Dorothy Perkins, Hiawatha
12c each

Tausendschon, Barbier
20c each

Clematis Paniculata, field-grown, 1-year, 6c each
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c
Hydrangea Paniculata Grandiflora, 2 to 3 ft. 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $4 00 per 100; $35 00 per 1000
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

MEXICANS INVADE TEXAS.

Mexican nurseries are now making an effort to invade Texas. From the Department of Agriculture it is learned that there are quite a number of Mexican nurseries, or gardens as they are termed in Mexico, that want to do business in Texas. Mexico has no nursery inspection law, consequently it has become necessary for the Texas department to send over a representative to make an investigation of the nursery that wants to come into Texas, before a permit is issued. Recently the Department has received a number of inquiries from Mexican nurserymen that want to sell their product in Texas. In order that they may come in, the Department has appointed Harvey C. Stiles, of Raymondville, to proceed to Mexico and make the necessary inspection.

Direct

Importations

At foreign growers' prices for
SPRING DELIVERY

From Belgium—Kentias, Bay Trees, Araucarias, etc.
From Holland—Boxwood, Rhododendrons, Peonies, etc.
Full list of **Japanese, Holland, English and French** Nursery Stock.

Fall Delivery, 1910

Valley Pips, early or late forcing.
English Manetti, selected for grafting.
Japanese Lilies, Multiflorum, Giganteum, etc.
Azalea Indica from Belgium.

Write for Catalogues,
special lists, etc., mentioning the class of stock you are interested in.

Raffia, 5 grades, bale lots only.

We have our own Custom House Department. Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

McHutchison & Co.
17 Murray St., NEW YORK CITY

Mention The Review when you write.

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

INSPECTOR ASKS HELP.

Commissioner of Agriculture Kone has addressed to the nurserymen, florists and dealers of Texas a letter asking them to coöperate with the department in trying to get efficient nursery inspection and to report promptly any diseases found by them among the nursery stock which are harmful. The letter follows:

To the Nurserymen, Florists and Dealers of Texas: Greetings—This department solicits the coöperation of our Texas nurserymen, florists and dealers in the control and elimination of insect pests and fungous diseases of nursery stock, and especially of propagation of stocks.

It is the purpose of this Department to make our nursery inspection law mean something. For that reason I am making this appeal, personally, to each one receiving this letter, that they carefully inspect all nursery stock received

New York State Grown Roses for Forcing

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years **GENEVA, N. Y.** **700 Acres**

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) **Seedlings**
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.
Mention The Review when you write.

Peonies a Specialty
Write us for latest price list
PETERSON NURSERY,
Stock Exchange Building. CHICAGO.
Mention The Review when you write.

PEONIES, IRIS, PERENNIALS
Evergreens, Ornamental Trees and Shrubs, Rhubarb, Asparagus
WILD BROS. NURSERY CO.
Established 1875. SARCOXIE, MO.
Mention The Review when you write.

Roses At Special Prices For Immediate Delivery
See Column Adv., page 60, Nov. 4.
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO
Mention The Review when you write.

THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogue and price list free on application.
PAINESVILLE, OHIO
Mention The Review when you write.

and make reports promptly to this office of any nursery stock which is not what it should be.

It is especially urged that nurserymen who buy large quantities of seedlings of apples, pears, plums, cherries, etc., should have special contracts with those from whom they buy with reference to the healthfulness of the stock shipped them, and explain to them that the stock is subject to being carefully inspected at this end.

I desire specially to ask the coöperation of all nurserymen to report on apple seedlings, first, whether infested with woolly aphis; second, bitter rot (Glomerella rufomaculens); third, black rot (Sphaeropsis malorum). These three constitute the most serious menace to the propagation of apple stock. I am determined to eliminate them as much as possible and also to ascertain what nurserymen are shipping apple seedlings that are not free from the pest and diseases named. If our nurserymen do not comply with my request and report fully on these shipments when received, I shall be compelled to consider them in default of good faith in this matter with the Department.

Please advise promptly what your disposition is in this premises. Also kindly offer such suggestions as will be for the good of the cause, to the end that the best results, the highest interest of all may be served.



OFFERING
Choice Ornamental Nursery Stock
such as
Rhododendrons, Lilacs, Azalea Mollis, Hydrangeas, Magnolias, Boxwoods, Japan Maples, Picea, Aucubas and Bulbs.
Wm. J. Elliott, Auctioneer
New York, N. Y.
Mention The Review when you write



The United States Nursery Co
RICH, Coahoma Co., MISS.
Mention The Review when you write.

Viburnum Plicatum
Spiraea Prunifolia, Deutzia Lemoinei, Berberis Thunbergii, Altheas and other shrubs. Send for list.
The Conard & Jones Co.
WEST GROVE, PA.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.
Mention The Review when you write.

POT GROWN
Hydrangea Otaksa
5-inch, fine stock...$15.00 per 100
4-inch, fine stock... 10.00 per 100
Satisfaction or Your Money Back.
THE CARL HAGENBURGER CO.
West Mentor, Ohio
Mention The Review when you write.

Going! Going!!
100
Berberis Thunbergii 18-24 in., $6.50; 12-18 in., 4.00
Rosa Rugosa, 2-yr., $ 8.00 per 100
Rosa Carolina, 2-yr., 10.00 per 100
SPECIMEN PLANTS
Viburnum Cassinoides.....50c each
WRITE FOR LIST
Littlefield & Wyman's
North Abington, Mass.
Mention The Review when you write.

American Everblooming **HYDRANGEAS**
1 and 2-year, strong.
Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis,** etc.
THE E. Y. TEAS CO., Centerville, Ind.

GRAND RAPIDS, MICH.—The Crabb & Hunter Floral Co. and Henry J. Vinkemulder have purchased the David Robertson farm, on the Clinton road in East Grand Rapids. The farm comprises eighty-four acres, with a large frontage on Clinton avenue. Crabb & Hunter have been occupying part of the farm under lease, for greenhouse purposes, and will continue so to use it. Mr. Vinkemulder will make a suburban home of his share of the property. The purchase price was about $300 an acre.

EL PASO, ILL.—The El Paso Carnation Co. has just completed a large concrete fertilizer tank. The fertilizer is pumped from the tank throughout the company's plant by a gasoline engine.

KANSAS CITY.

The Market.

The market is well supplied at present. Roses are plentiful and good carnations are rather scarce, but the quality is improving. Chrysanthemums are satisfactory in both quantity and quality. The demand is brisk, as great quantities are being used for weddings and other decorations. There have been numbers of large weddings in the last few weeks. Sweet peas are making their appearance now and meet with brisk sales. Violets are not so plentiful yet, as the weather has been remarkably warm and fine for this time of the year.

Nurserymen are quite busy this fall planting shrubbery and trees, as the weather is ideal for this sort of work.

Since stock is plentiful, the fakers are busy disposing of the surplus at a low price.

Various Notes.

D. Freudenthal reports business as good. He has been quite busy with funeral work.

The cooler of the Geo. M. Kellogg Flower & Plant Co. is well filled with some of the best roses I have seen for the last six months. The Killarneys are especially good. The Minnehahas are showing up in fine shape. At present they are also cutting some extra fine mums. Their store is filled with palms and ferns.

W. H. Humfeld returned Saturday from Excelsior Springs, where he had spent a week in planting shrubbery and bulbs for the new Elms hotel and other private yards. Mr. Humfeld has great faith in that town and the wonderful springs, which are attracting people from all parts of the United States.

Heite & Son, who are located at Merriam, Kan., ten miles from Kansas City, are cutting chrysanthemums by the wagon load. Their mums are indeed fine this year. They find a ready sale for all that they can grow. They grow one crop of mums, then two crops of lettuce and then one crop of cucumbers in one year in the same houses, all in solid benches.

J. Austin's show window was handsomely decorated with pompon chrysanthemums last week. W. H. H.

The Standard Mailing Tube

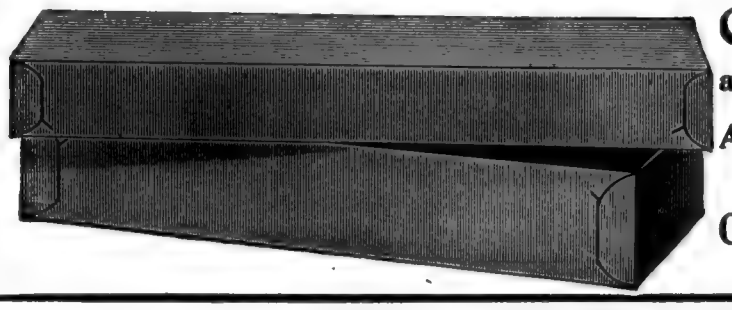
SHOW ME! SURE!

Send us a plant done up as you are now preparing your mail packages and we will return it to you put up in the **"Standard"** way—Then you can **see.**

Send the plant today.

THE STANDARD MANUFACTURING CO., Coatesville, Pa.

Mention The Review when you write.



Cut Flower and Design Boxes

All sizes, lowest prices

Write

C. C. POLLWORTH CO.

MILWAUKEE

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$2.25 per 100
No. 1	3x4½x16	2.00 per 100
No. 2	3x6x18	2.50 per 100
No. 3	4x8x18	2.90 per 100
No. 4	3x5x24	3.00 per 100
No. 5	4x8x22	3.50 per 100
No. 6	4x8x28	4.50 per 100
No. 7	6x16x20	5.75 per 100
No. 8	3x7x21	3.00 per 100
No. 9	5x10x35	6.75 per 100
No. 10	7x20x20	7.50 per 100
No. 11	3½x5x30	3.75 per 100

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.

COLUMBUS, OHIO

Mention The Review when you write.

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3 00
21x7x3½	3.25
28x8x4	4 50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12 00
36x14x10	15.60
36x10x6	10 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders received during November amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.

Box No. 200, CASTORLAND, N. Y.

New Reduced Price List Just Out



You cannot afford to be without our Covers this season. By using our....

Ever Ready Cover

You save time, worry and money. Send 5c to cover postage, and we will mail you sample Cover and Price List.

EVER READY FLOWER POT COVER CO.

146 Hughes Avenue, BUFFALO, N. Y.

W. H. Grever, Mgr.

Mention The Review when you write.



Flower Insurance

Insure the safe arrival of your Choice Cut Flowers and Floral Designs by tying them securely and quickly into place with the new Security Staple. Equally valuable to adjust the covers of Telescope Boxes to any desired height.

$1.50 per box of 500. Send 2c stamp for sample.

FRANK J. YETTER

Greenfield, - Mass.

Mention The Review when you write.

Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.75; 50,000....$7.50; Sample free

For Sale by Dealers

Mention The Review when you write.

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO

MANUFACTURERS

PHILADELPHIA, PA.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

Mention The Review when you write.

ALWAYS MENTION THE.....

FLORISTS' REVIEW

WHEN WRITING ADVERTISERS

...COME AND SEE...

DOROTHY GORDON

growing and judge for yourselves of its good qualities. **Orders for 60,000 rooted cuttings have been booked** without spending **anything for printers' ink.**

Received **Certificate of Merit** (scoring 86 points), and **Cook Premium in Gold for Best Seedling,** at Convention of American Carnation Society, at Washington, D. C , January, 1908. Silver Cup for **Best Seedling at National Gardeners' Association,** at New York, Spring of 1909.

Dorothy Gordon is beyond question the best commercial pink Carnation in sight today. Its pedigree, Lawson on Enchantress, alone should recommend it to every **Carnation** grower; but pedigree is by no means its chief merit. It possesses many of its own, such as

1st. VIGOROUS CONSTITUTION and FREEDOM FROM DISEASE.
2d. Size. Blooms average OVER 3 INCHES, OF EXCELLENT FORM.
3d. Color. Resembles Rose-pink Enchantress, but is superior to that variety, in being more uniform.
4th. Long, stiff stem.
5th. Fragrant.
6th. Keeping qualities of the best.
7th. Blooming qualities, 30 PER CENT greater than Enchantress.

We had a stock of 6000 plants last winter. The flowers were all sold at the holidays to the trade in Philadelphia at $12.00 per 100, and uniformly sold for 50% more than we got for Enchantress during the rest of the season.

Dorothy Gordon will be disseminated during the winter of 1909 and 1910 at the **popular price of $10.00 per 100; $75.00 per 1000.** Strictly on its merits. No Carnation grower can afford to be without it. **Come and see it growing, examine our books and decide for yourself.** It must be sold on its merits or not at all. Orders filled in strict rotation.

Joseph Heacock Company, Wyncote, Pa.

Wyncote is 10 miles north of Philadelphia, on Philadelphia & Reading Ry. 100 trains every weekday.

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways. ∴ ∴ ∴

WINNER OF FIRST PRIZE IN CLASS OF 100 BLOOMS

Chicago Carnation Co.

A. T. Pyfer, Mgr. **Joliet, Ill.**

Mention The Review when you write.

NEW BEDFORD, MASS.

The Market.

Everyone reports business as fine. Flowers are quite plentiful and prices are fair. Mums are the whole thing just now. Carnations are plentiful at present; they retail at 50 cents per dozen and the quality is good. Roses retail at $1.50 per dozen, Bride and Maid being the varieties most used here. Mums sell at $1.50 to $3 per dozen. Violets bring $1 per hundred blooms.

Funeral work is good and uses up lots of flowers.

The weather is still mild, and light firing is the rule. Hardy mums are still blooming outdoors. Carnation plants are looking fine. Thanksgiving will see almost the last of the mums. Some nice Beacon carnations are being shown in the windows; this carnation has a good color and is a good all-round variety. The very warm weather here the last few days has opened up things quickly, and stock is quite plentiful.

Various Notes.

At the funeral of a prominent mill man here last week, E. H. Chamberlain and R. H. Woodhouse had some big orders, both using large quantities of Beauties, carnations, violets and orchids, as well as a great many mums.

At Wm. P. Peirce's, business was reported as great last week.

E. H. Chamberlain had some grand Enguehard mums last week, and also some nice single ones. His window decorations are fine at all times. W. L.

MONTREAL, CAN.—Following a custom of thirteen years' standing, N. S. Dunlop, the chief of the floral department of the Canadian Pacific railroad, recently sent out packages and bulbs to station agents and section foremen from one end of the company's system to the other, with a view to making the surroundings of the station buildings as pleasing to the eyes as possible in the spring. Starting on his own initiative in quite a small way, Mr. Dunlop has succeeded in securing the interest and coöperation of both the company and the employées.

SANGAMO

BRILLIANT GLISTENING PINK

Winner wherever shown: Chicago, St. Louis and Milwaukee

The greatest bloomer and fastest grower of any. Flowers perfect, Stems long and stiff

Why you should grow SANGAMO

1st. It will give you more blooms in a season than any other variety. The fastest grower we have ever seen.

2nd. It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other.

3rd. The blooms are well formed, nicely rounded out in the center and do not fade.

4th. The flower stands well above the calyx, making it impossible to split.

5th. It comes early with long stems that are always stiff, holding the flower gracefully.

6th. The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back.

7th. Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery. $12.00 per 100; $100.00 per 1000

A. C. BROWN, Springfield, Ill. CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

WASHINGTON.

The Market.

Indian summer continues and has disturbed business considerably. The warm weather has caused considerable stock of the poorer quality to come in, quite in excess of the demand. The firsts, what few there were, have been picked up by individuals for display purposes at the show. Chrysanthemums are in oversupply, which gives the store man an opportunity to make a big showing. Roses show the effects of the warm weather, especially the Killarney. Beauties are coming in heavy crop and are promising for Thanksgiving. Some fine single violets are to be seen in the market. W. F.

CLEVELAND.

The Market.

The warm weather of last week put a damper on the cut flower market. There was no demand for any kind of flowers, which caused stock to pile up in the market early in the week. The retailers were unanimous in stating that there was no business. Only the cream of what was sent in sold at anywhere near market prices. What was left was sold in lots at any price.

The violet market was also quiet all the week.

Various Notes.

A visit to A. Schmitt's place, at Glenville, found everything in fine shape. The mums and carnations are looking well. Large quantities of Lorraine begonias give promise of being ready for the Christmas trade. There is also a large quantity of Jerusalem cherries and azaleas coming along for the holidays.

The F. R. Williams Co. is sending in some extra fine Golden Wedding and Chadwick mums; also some good White Enchantress, rose-pink and Beacon carnations.

N. E. Beck, of Massillon, O., has been shipping a fine lot of mums to this market.

Carl Hagenburger, of West Mentor, O., is cutting some of the best Prince of Wales violets seen in the Cleveland market.

Henry Heepe, of Heepe's Sons, Akron, O., was a visitor last week. He reports trade as good.

Wilson & Knight, who have purchased the old Carlton place at Willoughby, O., are cutting good Gov. Herrick violets.

B.

Shasta

During October Shasta gave us 2 blooms per plant. During the first 15 days of November we cut 2369 good blooms from the same bed of 1800 plants. The cut is getting better every day.

Growers who come to see it growing, marvel at its productiveness and fine quality of bloom. We would like to have you come and see it too. Once you see it, you will want to grow it.

Booking orders for it now at $12.00 per 100; $100.00 per 1000

PATTEN & CO., Tewksbury, Mass. BAUR & SMITH, Indianapolis, Ind.

Mention The Review when you write.

DOWNERS GROVE, ILL.—P. Rieth, formerly of Aurora, Ill., has recently purchased the greenhouses that were owned by Mrs. Hought.

CALL AND SEE IT GROWING

Miami Queen

In dissemination of this new carnation, the introducer feels confident it excels all similar varieties in the following respects:

It has a strong constitution and will thrive with ordinary culture.

The color is a grand cerise pink and very double, shows up fine under artificial light.

The blooming qualities are of the best, commencing in early Fall and continuing throughout the season.

During the dark days of Winter, this carnation, having a strong calyx, does not split to any extent, like other pinks.

The form is ideal, the flower being from 3 inches to 4 inches; the plant compact, with no surplus grass; the stem is long and graceful; keeping qualities are excellent; a good shipper; and we feel confident that this is one of the best commercial carnations sent out in years; we have given it five years' trial, and it is better this year than ever.

We are booking orders for January, 1910, delivery, at $10.00 per 100, $85.00 per 1000. Orders filled in strict rotation. For sale by

Miami Floral Co., Dayton, Ohio

E. G. Hill Co. Richmond, Ind.

Mention The Review when you write.

Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5.00 per 100

2-yr.-old Peonies, $10.00 per 100.

J. Murray Bassett, Hammonton, N. J.

Mention The Review when you write.

PRIMULA
Chinensis Obconica

No better strains in existence. Famous Ronsdorfe and Lattmann Obconica hybrids, 2-in. stock ready now For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

TO CLEAN OUT EARTHWORMS.

Can I use lime on my beds to exterminate earthworms, in a sparing way, and would air-slaked lime be all right to use? Will it have any effect on the blooms?

F. M. B.

There are quite a number of special worm eradicators on the market. The simplest and least expensive one is lime water. Slake one or two pieces of stone lime in a barrel. After it has settled use the clear liquid to water with. It will not hurt the plants at all, nor will it wither the foliage if you are careful not to stir up the bottom when using it.

C.

NORTH AUGUSTA, S. C.—The Boatwright Floral Co. had charge of the decorations for the Hull-Phinizy wedding, in St. Paul's Episcopal church, Augusta, November 10.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.

250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

Chas. Knopf Floral Co., Richmond, Ind.

Mention The Review when you write.

ROSES—Own Root, Fine Stock

	Doz.	100
Mrs. Jardine, Rhea Reid, Enchanter, from 3-in. pots	$1.25	$8.00
Bride, Bridesmaid, Golden Gate, Uncle John, Bon Silene, Wootton, Pres. Carnot, Kaiserin, La France, from 3-in. pots	1.00	6.00
Killarney, from 3-in. pots	1.50	9.00

ROSES—Grafted

	Doz.	100
My Maryland, from 3-in. pots	$4.00	$25.00
Mrs. Jardine, Rhea Reid, from 3-in pots	2.50	15.00
Bride, Bridesmaid, Wootton, La France, from 3-in. pots	2.00	15.00
Pres Carnot and Kaiserin, from 3-in. pots	2.50	15.00

WOOD BROTHERS, Fishkill, N. Y.

Mention The Review when you write.

MARY TOLMAN

Winner of First Prize at Milwaukee.

Deep flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery.

$12.00 per 100; $100.00 per 1000.

A. E. HUNT & CO., EVANSTON, ILL.

CHICAGO CARNATION CO., JOLIET, ILL.

HUNT BROS., PARK RIDGE, ILL.

Mention The Review when you write.

GRAND RAPIDS.

The Market.

The weather clerk has been especially kind the last two weeks and gave us as nice fall weather as one could desire, excepting several slight frosts, and business has picked up considerably.

Chrysanthemums are the leading flower and are in heavy supply; in fact, they are in oversupply and locally can be had quite cheap. First-class blooms, that usually bring $3 per dozen, were sold as low as $1.50.

Roses are plentiful, and considering it is the height of the mum season are selling well, while carnations are the one scarce article. At no time this fall have there been enough to properly go around, but the plants show promise of a generous Thanksgiving and Christmas crop. Violets are doing nicely, and selling well, although at a somewhat reduced price as compared to former years. One thing on which the market is a bit shy is lilies, but another crop will soon be in.

Various Notes.

The following Grand Rapids florists took in the Chicago mum show: Henry Smith, Geo. F. Crabb, Alfred Hannah, Eli Cross, J. Schols, Freyling, C. Bowditch and Ella O'Neil. All pronounced it fine and were specially interested in the retail exhibits, which were decidedly educating, giving many ideas for local application.

Crabb & Hunter have sold part of their Reed Lake farm, and next summer will move their city plant out there and grow for the wholesale trade.

S. J. Perry and his wife had the good fortune to be born on the same date, November 6, one year apart, and so gave a birthday party at which all employees and their families attended, about eighty people being present. Mr. and Mrs. Perry were presented with a handsome library table.

Greenfly has made its appearance in several establishments, and is being vigorously fought. It is starting out on tomatoes, some even trying what they can do on poinsettias. They are also very partial to salvia and fuchsias.

G. F. C.

LEOMINSTER, MASS.—George M. Kendall sterilized all of the soil in his greenhouses with steam this fall, in order to exterminate all underground pests and put the soil in good condition for his next crop of cucumbers.

Chrysanthemum Stock Plants

READY NOW

WHITE:—October Frost, Kalb, Touset, Byron, Wanamaker, White Cloud.
YELLOW:—Monrovia, October Sunshine, Halliday, Appleton, Bonnaffon.
PINK:—Balfour.

READY NOVEMBER 25.

WHITE:—Eaton, Chadwick, Nonin.
YELLOW:—Eaton.
PINK:—Enguehard.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

CHRYSANTHEMUMS

Yellow, white, pink, $1.00, $2.00 and $3.00 per doz.

ROSES, Bride, Maid, Killarney and Richmond, $3.00 to $6.00 per 100.

CARNATIONS..... 3.00 to 4.00 per 100.

THE MUNK FLORAL CO.

Wholesale Growers COLUMBUS, OHIO

Mention The Review when you write.

Chrysanthemum Golden Eagle

Stock plants $1.00 per doz.; $5 00 per 100.

GOLDEN CHADWICK, 50c. doz.; $3.00, 100.

W. F. DUNTEMAN, Bensenville, Ill.

Mention The Review when you write.

Chrysanthemum Stock Plants

WHITE—Willow Brook, Kalb, Robinson, Bonnaffon, Bonnett.
YELLOW—Golden Glow, Monrovia, Golden Age, Col. Appleton, Bonnaffon.
PINK—J. K. Shaw.

$1.00 per doz.; $5.00 per 100. Cash.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Our New Carnation for 1910

SCARLET GLOW (Shown as No. 51 [05] at the A. C. S. meeting at Indianapolis in January, 1909.) A good bright scarlet, in perfect health, early and free flowering, and keeping qualities of the very best.

Orders booked now for January, 1910, delivery. Price, $12 00 per 100; $100.00 per 1000.

F. DORNER & SONS CO., La Fayette, Ind.

Mention The Review when you write.

Phoenix Roebelenii

HARDIEST DECORATIVE PALM

Finest Sturdy Plants on Market

Elegant Specimens, 9-in. tubs, 1½ to 2 ft. spread 12 to 15 character leaves, $3.00 each; $34.00 per doz.

Have also other sizes.

CHAS. EBLE, Florist

121 Baronne St., NEW ORLEANS, LA.

Mention The Review when you write.

SMITH'S CHRYSANTHEMUM MANUAL

By ELMER D. SMITH

The most practical work of its kind. 40c. prepaid.

ELMER D. SMITH & CO., Adrian, Mich.

Always mention the Florists' Review when writing advertisers.

CHRYSANTHEMUM NOVELTIES

Best in the World as Usual

The splendid showing of my last year's varieties at all the Eastern shows proves how the standard is maintained.

As the American agent of W. Wells & Co., of Merstham, England, I have arranged for simultaneous distribution of their novelty list of 1910, so that the American cultivators for the first time in history can obtain the Wells-Pockett novelties at the same time as the British grower. That list will include Mrs. David Syme, the gold medal winner, and other splendid kinds not yet named. The 1909 list comprises some grand varieties for the exhibition grower: R. F. Felton, the deepest shade of yellow. Wells' late pink, a grand thing on the style of Brighthurst. Mrs. H Stevens, Gladys Blackburn, W. Mease, W. Hotston, and other splendid varieties.

In American raised seedlings I will offer Mrs. A. R. Peacock, Mrs. W. Arnold (white), Mrs. W. Wincott (pink), all certificated by the C. S. A., and a yellow sport of the well known Ivory.

If your name is not on my mailing list, write me.

CHARLES H. TOTTY

MADISON, NEW JERSEY



BUY NOW

Chrysanthemum stock plants. Our own growing, all good thrifty plants.

50c per dozen

White	White	Pink	Pink	Yellow	Yellow
Lynnwood Hall	W. H Chadwick	Pacific Supreme	Mary Mann	Col. Appleton	Golden Chadwick
Early Snow	Alice Byron	Wm. Duckham	A. J. Balfour	Yellow Jones	Golden Glow
Jeanne Nonin	Ivory	Pink Shaw		Golden Wedding	

PRESIDENT TAFT

$4.00 per dozen

C. C. POLLWORTH CO., - Milwaukee

Mention The Review when you write.

H. DREYER

Tel. 228 Newtown, Jackson Ave., **ELMHURST, L. I.**

Decorative Plants

SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

Mention The Review when you write.

DAHLIAS

We are growers of the very best: have a large collection to select from. Send for prices.

David Herbert & Son

ACTO, N. J.

Mention The Review when you write.

Mum Stock Plants

Golden Glow, Virginia Poehlmann, Crocus, Rosiere, Oct. Frost, Bergmann, Touset

All at $10.00 per 100; $1.50 per doz.

BASSETT & WASHBURN, Hinsdale, Ill.

COLUMBUS, OHIO.

The Market.

Trade is still on the increase here, with plenty of stock coming in. The weather has been extremely warm for this season of the year and is bringing on stock entirely too fast, especially in mums, which are opening up fast and soft. Even the late varieties are coming right in, and some growers claim they will be entirely cut out before Thanksgiving. Chadwicks in white and yellow, Maud Dean, Enguehard and several of the later varieties are in full blast now, and the mum season here will be about two weeks shorter than usual, judging from the present outlook.

Roses are fine and are coming in large quantities, but the demand for them is rather light and some days it is hard to clean them up. Brides and Maids are fine and holding their own. Killarneys are doing well and the demand for them is fair. Some extra good Richmonds are coming in, but the warm weather opened them up in a hurry and they do not move as they should. The demand for Beauties is rather light during the big output of mums.

Violets are fine and are generally cleaned up nicely. The demand for valley is fair and it is used mostly for bridal bunches.

Club Meeting.

The Florists' Club held a regular meeting Tuesday night, November 9, in the Brent building, at Town and High streets.

The committee reported everything moving finely for the dance, to be held November 18, and an unusually large crowd was expected.

The following officers were elected: President, R. A. Currie; vice-president, C. P. Torrey; secretary, James McKellar; treasurer, O. A. Munk; sergeant at arms, J. H. Williams; trustees, Sherman Stephens, George Bauman, I. D. Seibert, C. D. Battelle and Wm. Metzmaier.

Various Notes.

The Riverside Floral Co. reports business as excellent in the new location and the firm is well pleased with the outlook for the future.

Sherman Stephens reports things moving nicely, but mums are coming in too fast.

The Munk Floral Co. has fine looking stock and finds trade good.

The Franklin Park Floral Co. reports business first-class, with plenty of stock.

The Fifth Avenue Floral Co. is cutting some fine roses and carnations.

J. M.

Bobbink & Atkins

Nurserymen and Florists :: Rutherford, N. J.

Boxwood and Evergreens

BOXWOOD, PYRAMID.

2½ ft.	$1.00 each	4½ ft	$3.50 each
3 ft.	2.00 "	5 ft.	4.00 "
3½ ft.	2 50 "	5½ to 6 ft.	5.00 "
4 ft.	3 00 "	6 ft.	6.00 "

BOXWOOD, BUSH

12 to 15 in.	$0 25 each	18 to 24 in.	$0.50 each
15 to 16 in.	.35 "	24 in.	$0.75 to 1.00 "

Larger sizes, $1.50, $2.00 and $2.50 each.

We have a large quantity and fine assortment of small **EVERGREENS** for Window Boxes and Vases. 10-12 in., $20.00 per 100; 12-15 in., $25.00 per 100; 15-18 in., $35.00 per 100.

KENTIAS and BAY TREES—Our stock is larger and finer than ever. We can fill orders for all sizes.

A visit to our nursery will convince you we have the quality that gives satisfaction.

Azaleas

Have arrived in splendid condition. We have all the most important varieties and sizes. Anybody in want of a quantity will do well to inspect our plants before placing their order.

Schryveriana, Paul Weber, Raphael, Vervaeneana, Mme. Van der Cruyssen, Dr. Moore, Mme. Cam. Van Langenhove, Paul de Schryver, Niobe, Prof. Wolters, Simon Mardner, Louis de Kerchove, Deutsche Perle, John Llewellyn, Mme. Jos. Vervaene, Memoire de L. Van Houtte, Sigismund Rucker and others.

	Doz.	100		Doz.	100
8-10 in. diam.	$3.50	$25.00	15-16 in. diam.	$ 9.00	$ 75.00
10-12 "	4.50	35.00	16-18 "	12 00	90.00
12-14 "	6.00	45 00	18-20 "	25.00	200.00
14-15 "	7.50	60.00	20-24 "	36.00	300.00

Order early to save heavy express charges; impossible to ship by freight in cold weather.

ASK FOR WHOLESALE CATALOGUE.

Mention The Review when you write.

GERANIUMS

We are Recognized as Headquarters

Our Standard list contains 42 Double and Semi-double Varieties, representing the very cream of the world. It is the finest collection ever offered to the American Trade, in good 2-in. stock, at $2.00 per 100, $18.50 per 1000, in lots of not less than 1000, and not less than 100 of a kind, except in the following special offer:

We will send 1000, in 20 distinct varieties, our selection, for $18.50. We have been sending this collection out for a number of years and are willing to stake our reputation on it.

We have a large stock of Lantanas, Fuchsias, Lemon Verbenas, Alyssum, Coleus, Double Lobelias, etc., at $2.00 per 100, and we are not in much danger of being sold out.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

Mention The Review when you write.

HEACOCK'S PALMS

	Each
Areca Lutescens	
6-in. pot, 3 in pot, 24 to 26-in. high	$0.75
6-in. pot, 3 in pot, 26 to 28-in. high	1.00
7-in. pot, 3 in pot, 30 to 32-in. high	2.00
Cocos Weddelliana	100
2½-in. pot, 8 to 10-in. high	$10 00
2½-in. pot, 10 to 12 in. high	15.00

	Each	12
Kentia Belmoreana		
5-in. pot, 6 to 7 lv., 18-in.	100, $50.00	$ 6.00
6-in. pot, 6 to 7 lv., 22 to 24-in.	$1.00	12.00
7-in. pot or tub, 6 to 7 lv., 34 to 36-in.	2.50	30.00
9-in. tub, 6 to 7 lv., 42 to 48-in., h'vy.	5.00	
9-in. tub, 6 to 7 lv., 48 to 54-in., h'vy.	6.00	

	Each
Made-up Kentia Forsteriana	
7-in. pot, 4 in pot, 34 to 36-in.	$2.50
7-in. pot, 4 in pot, 36 to 38-in.	3.00
9-in. tub, 4 in tub, 42 to 48-in.	5.00

JOSEPH HEACOCK CO., Wyncote, Pa.

Mention The Review when you write.

FERNS

	Per 100
Boston, strong, 6-in., stock,	$40.00 to $ 50.00
Scottii, " " "	40.00 to 50.00
Piersoni, " " "	40.00 to 50.00
Whitmani, " " "	40.00 to 50.00
Todeaoides, " " "	40.00 to 50.00
Superbissima, strong, 6-in., stock,	100.00
" " 4-in., stock,	40.00
Strong, 4-in. stock of above varieties.	20 00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

Mention The Review when you write.

ROSE PLANTS

For immediate benching, to close out—Stock worth double the money. **Maid, Rhea Reid, Perle and Killarney,** $40.00 per 1000.

Asp. Sprengeri, 3-in., strong plants, $4.00 per 100.

All stock warranted to please.

Poehlmann Bros. Co., Morton Grove, Ill.

Mention The Review when you write.

DAHLIAS

JACK ROSE and other best Cut Flower varieties.

WRITE FOR LIST AND PRICES

Peacock Dahlia Farms

Williamstown Jct., N. J.

Dreer's Seasonable Decorative Plants

PALMS—Clean, vigorous Stock, Good Color and Value



PHOENIX ROEBELENII.

Kentia Forsteriana

	Per doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 in. high	$ 2.00	$15.00	$140.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high	5.00	40.00	
6-in. pots, 6 leaves, 28 to 30 in. high	1.00 each		
6-in. pots, 6 leaves, 34 to 36 in. high	1.50 each		
7-in. pots, 6 to 7 leaves, 36 to 40 in. high	2.50 each		
7-in. tubs, 6 to 7 leaves, 42 to 46 in. high	4.00 each		
8-in. tubs, 6 to 7 leaves, 48 to 50 in. high	5.00 each		
9-in. tubs, 6 to 7 leaves, 5 ft. high	8.00 each		
10-in. tubs, 6 to 7 leaves, 5½ ft. high	10.00 each		
11-in. tubs, 6 to 7 leaves, 7 to 7½ ft. high	15.00 each		

Kentia Forsteriana—Made-up Plants

	Each
6-in. pots, 3 plants in a pot, 24 in. high	$ 1.00
7-in. tubs, 3 plants in a tub, 35 in. high	2.50
7-in. tubs, 3 plants in a tub, 38 in. high	3.00
8-in. tubs, 3 plants in a tub, 40 to 42 in. high	4.00
8-in. tubs, 3 plants in a tub, 42 to 45 in. high	5.00
8-in. tubs, 3 plants in a tub, 48 in. high	6.00
9-in. tubs, 3 plants in a tub, 4½ to 5 ft. high	8.00
10-in. tubs, 3 plants in a tub, 5 ft. high	10.00
12-in. tubs, 3 plants in a tub, 6 ft. high	15.00
14-in. tubs, 4 plants in a tub, 7 to 8 ft. high	20.00

Kentia Belmoreana

	Per doz.	100	1000
2½-in. pots, 4 leaves, 8 to 10 in. high	$1.50	$10.00	$ 90.00
3-in. pots, 5 leaves, 12 in. high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves, 12 to 15 in. high	4.50	35.00	
6-in. pots, 6 to 7 leaves, 26 to 28 in. high	1.50 each		
7-in. pots, 6 to 7 leaves, 34 to 36 in. high	2.50 each		
8-in. pots, 6 to 7 leaves, 42 to 44 in. high	5.00 each		

Kentia Sanderiana

This is a very graceful, hardy Palm, of fine decorative appearance, which should prove a popular variety. We offer fine, bushy made-up plants.

5-in. pots, 20 to 24 inches high ..... $1.00 each

Areca Lutescens

	Per doz.	100
4-in. pots, 3 plants in a pot, 15 to 18 in. high	$3.50	$25.00
6-in. pots, 3 plants in a pot, 26 to 28 in. high	1.00 each	
7-in. pots, 3 plants in a pot, 36 in. high	2.00 each	

Areca Verschaffeltii

A grand lot of this beautiful Palm, a variety but seldom offered in quantity. Fine, strong plants.

	Each
6-in. pots	$1.50
7-in. pots	2.50

Cocos Flexuosa

We offer a limited number of larger plants of Cocos Flexuosa as follows:

	Each
7-in. tubs, 3 to 4 leaves, 6 ft. high	$ 5.00
8-in. tubs, 3 to 4 leaves, 7 to 8 ft. high	10.00

Cocos Weddelliana

We have nearly an acre of this most graceful palm in fine condition.

5-in. pots, 24 in. high	$1.00 each
7-in. pots, 30 in. high	2.50 each

Livistona Rotundifolia

We offer a fine lot of this desirable miniature Fan Palm.

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3 in. pots	2.00	15.00
4-in pots	3.50	25.00

Phoenix Roebelenii

This is unquestionably one of the great Palms of the future, combining the grace of a Cocos Weddelliana with the hardiness of a Kentia; it will prove an invaluable plant for the house. We have a grand stock and offer:

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots, nicely characterized	3.50	25.00
4-in. pots, nicely characterized	each	.60
5-in. pots, splendid plants	each	1.25
6-in. pots, fine specimens	each	3.00

Phoenix Canariensis

A splendid lot of thrifty plants.

	Each
7-in. tubs, 36 to 38 in. high	$2.50
8-in. tubs, 42 to 45 in. high	3.50
10-in. tubs, 48 to 50 in. high	5.00
11-in. tubs, 50 to 54 in. high	6.00

Phoenix Rupicola

	Each
Good 6-in. pots	$1.50
Good 8-in. tubs	2.50

Rhapis Flabelliformis

	Each
7-in. pots, 3 to 4 stems, 24 in. high	$2.50
7-in. pots, 4 stems, 26 to 28 in. high	3.00

Aspidistra Lurida

	Each
5-in. pots, 6 to 8 leaves	$0.50
6-in. pots, 8 to 10 leaves	.75

Dracaena Massangeana and Lindeni

	Each
Good plants in 4-in. pots	$0.50

Eurya Latifolia Variegata

	Each	Per doz.
A useful variegated-leaved decorative plant	$0.40	$4.50

Euonymus--Silver-Leaved

A splendid silver-leaved variety of the Euonymus; a useful decorative plant, 5-in. pots, 30c each; 6-in. pots, 75c each.

Ophiopogon Jaburan Variegatus

A splendid variegated, hardy plant, useful for window boxes, in connection with Boxwood, 4-in. pots, 35c each; $3.50 per doz.

Pandanus Veitchii

A splendid lot of well colored plants in 6-in. pots, $1.00 each.

HENRY A. DREER, 714 Chestnut St., Philadelphia

Hydrangea Otaksa

4-in. pot plants, dormant, fine for Easter and spring sales, $15.00 per 100.

CYCLAMEN

4-in. pot plants, red, pink and white, strong plants, while they last, $15.00 per 100.

ASPARAGUS PLUMOSUS NANUS

Strong, 3-in., $5.50 per 100, $50.00 per 1000; 2½-in., $3.00 per 100, $25.00 per 1000.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. PHILADELPHIA

Orchids! Orchids!

Arrived in first-class condition.

C. Mossiae

ORDONEZ BROS., 41 W. 28th St., New York
AND MADISON, N. J.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

Primula Obconica

Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

Vick & Hill Co.
P. O. Box 613. ROCHESTER, N. Y.

Mention The Review when you write.

ROOTED CUTTINGS

Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000. A. Ricard, B. Poitevine, La Favorite, M. Castellane, F. Perkins, $1.50 per 100; $15.00 per 1000. Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000. Rose Geraniums, skeleton leaf, large leaf, $2.00 per 100. Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Dwarf Lantanas, 18 vars., $1.50 per 100; $13.00 per 1000.
Coleus, 25 vars., 70c per 100; $6.00 per 1000.
Heliotropes, 8 vars., 70c per 100; $6.50 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000. Dreer's fancies and all the other good ones.
Russellas, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Salvia, 6 vars., 90c per 100; $8.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Lemon Verbena, 90c per 100; $8.00 per 1000.
Pyrethrum Mt. Blanc, $1.00 per 100; $10.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Pelargoniums (Martha Washington), 12 vars., $3.00 per 100; $25.00 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
Tradescantia Zebrina, 50c per 100.
Fuchsias, best market sorts, 90c per 100; $8.00 per 1000.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

Send for complete list

JOHN IRVINE & SONS, Bay City, Mich.

Mention The Review when you write.

ERIE, PA.

The Market.

We had sunshine and warm weather last week. Conditions were splendid for growing good stock. California violets are large and long-stemmed at present and are a general favorite with the flower-buying public. Trade has been good, as flowers were used for many occasions.

Various Notes.

G. H. Bahret, the violet grower of Poughkeepsie, N. Y., was in Erie November 10.

Mrs. A. J. Baur is spending a few days at Youngsville, Pa., the guest of her mother, Mrs. Kane.

Among the visitors in this city last week were: Allen Langhans, of the Pittsburg Cut Flower Co.; William Jones, the holly wreath man of Milton, Del.; Mr. Beatty, of the Dayton Paper Novelty Co., and H. M. Smith, of the Roseville Pottery Co., Zanesville, O.

The Erie Florists' Employees had an enjoyable chrysanthemum dance at Assembly hall, November 10. There was a large attendance. Over 500 mums were given away at the door. The hall presented a beautiful appearance, in its elaborate decorations. The music was of the best and was rendered by Rea's orchestra.

The Baur Floral Co. had its annual chrysanthemum display at the store November 8. Many new varieties were shown. Some were extraordinary in size, while others were peculiar in shading.

B. P.

MARION, IA.—A hail storm, November 11, broke about 300 lights of glass in the greenhouses of I. N. Kramer & Son, and about the same number of lights at George Hutton's place.

RICHMOND, IND.—Norman A. Hoffman, a florist employed in Glen Miller park, recently made a vigorous but unsuccessful attempt to capture a fleeing burglar. When discovered, the suspicious looking stranger was sliding out of a hay mow in one of the park buildings. Mr. Hoffman pursued him and fired several shots. A quantity of clothing, which had been stolen in another city, was afterward found concealed in the hay mow.

Plants for Thanksgiving and Holidays

Carefully Packed at Bargain Prices

Asparagus Sprengeri, 6-7 in. pots, extra thick, large plants, 20c each.
Begonias, 3-in. 15 flowering varieties, mixed, $5.00 per 100.
Geraniums, 4-in., full of bud and bloom, 10 fancy colors, mixed, $7.00 per 100.
Smilax, 2½-in., strong, stocky plants, $1.50 per 100.
Rubber Plants, 5-6 ft. tall, 75c each.
Chinese Primroses, large 4-in. plants, full of bud and bloom, double and single mixed, $8.00 per 100.
Primula Obconica, large flowering, mixed colors, full of bud and bloom, $5.00 per 100.
Hardy Phlox, 6 colors, large clumps, $4.00 per 100.
Lettuce Plants, Grand Rapids and Boston Market, $1.25 per 1000.

A large stock of all kinds of plants on hand. Correspondence solicited.

ALONZO J. BRYAN, Wholesale Grower, WASHINGTON, N. J.

Mention The Review when you write.

Send Your Order at Once

	Per 100
Boston Ferns, strong, 2-in.	$ 3 00
Elegantissima, strong, 2-in.	3.00
" " 3-in.	6.00
Piersoni, strong, 4-in.	8.00
Asparagus Sprengeri, strong, 2-in.	2.00
Asparagus Plumosus, strong, 4-in.	10.00
Vinca Var., strong, 4-in.	7.00
Stock plants, full of cuttings, of Alice Byron, C. Touset, Enguehard, Oct. Frost, Bonnaffon..... 75c, 12	5.00

Adolph G. Fehr

BELLEVILLE, ILL.

Mention The Review when you write.

IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY

The Orchid Nurseries, RUTHERFORD, N. J.

BARGAIN

For Sale at a Bargain

To make room. **Quick.** About 3000 **Asparagus Plumosus Nanus,** 3-inch pots, choice, large, bushy plants, $5.00 per 100.

—Address—

J. A. KEPNER

Box 3, HARRISBURG, PA.

Mention The Review when you write.

Araucaria Excelsa

From 6 to 8-in. pots, 15 to 26 in. high, 4 to 5 tiers, 75c, $1.00, $1.25 and $1.50.

Kentia Belmoreana

5 and 6-in. pots, stocky plants, 6 to 7 leaves, 35 in. high, 75c, $1.00, $1.25 and $1.50.

Muskogee Carnation Co., Muskogee, Okla.

Always Mention the....

Florists' Review

When Writing Advertisers

Announcement

Carrillo & Baldwin

Orchid Growers and Importers

Mamaroneck, New York

We have moved to our ideal new home from Secaucus, N. J.

Here we have 15 acres of land and several modern U-Bar greenhouses 125 feet long, and every facility for our customers, with 45 trains daily. We intend shortly to add to our glass area. Address all letters and telegrams to

Mamaroneck, - - New York

Remember we are the largest importers and shippers of Commercial Orchids in America. When you come to New York do not fail to visit us.

Mention The Review when you write.

FERNS

In Fine Condition

Nephrolepis Whitmani, 5-in., 25c; 6-in., 50c; 7-in., 75c.
Nephrolepis Bostoniensis, 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., 75c.
Nephrolepis Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c.
Nephrolepis Scottii, 4-in., 20c; 5-in., 30c; 6-in., 50c.
Small Ferns for Dishes, 2½-in., $3 00 per 100.
Rubbers, short stocky plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
Strong Latanias, 4-in., 15c; 5-in., 25c; 6-in., 50c.
Kentia Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00 to $1.50. Larger plants, $2.00 to $35 00 each.
Kentia Forsteriana, made-up, $1.50, $3 00, $5 00, $7.00, $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 each.
Begonia Gloire de Lorraine, just right for Xmas, 4-in., 30c; 5-in., 50c; 6-in., 75c.

JOHN BADER

43 Ravine St., N. S., **PITTSBURG, PA.**

FERNS

Whitmani, 5-in., at 35c; 6-in., 65c. Fine for retail purposes.
Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Taussimense, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Plumosus Nanus, from the bench, ready for 5-in. or to grow on for strings, $15.00 per 100; 3-in., $6.00 per 100; 4-in., $10.00 per 100; 6-in., $40.00 per 100.
Calla Plants, fine, ready for bench or 6 and 8-in. pots, will bloom in a short time, 4-in., $10.00 and $12.00 per 100; 5-in., $15.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Gloriosa Rothschildiana

Strong, four-year-old tubers.
Write for illustrated pamphlet
and price list.

KNIGHT & STRUCK

1 Madison Avenue NEW YORK CITY

Mention The Review when you write.

J. L. Dillon

Wholesale and Retail Florist

Bloomsburg, Pa.

Mention The Review when you write.

PANSIES

Extra strong, field grown plants, giant flowering, in great mixture of colors, $3.00 per 1000. No orders less than 500.

JOHN LAPPE,

Juniper Avenue, Maspeth, Long Island, N. Y.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition:

Cattleya Gigas (Hardyana type), C. Gigas Sanderiana, C. Gaskelliana, C. Speciosissima, C. Chrysotoxa, Oncidium Fuscatum, Odontoglossum luteo-purpureum, Miltonia Vexillaria, Miltonia Roezlii, and many others. Write for prices.

Lager & Hurrell, Summit, N. J.

Mention The Review when you write.

Geraniums

Rooted Cuttings ready now

S. A. Nutt.....$10.00 per 1000

WHITE BROS., Gasport, N. Y.

DETROIT.

The Market.

Business has been quite satisfactory during the last few weeks. October was a little dull at first, but a steady rush toward the latter part of the month brought the month's business far ahead of last year.

Stock of all kinds is plentiful, but little, if any, is going to waste. Some of the finest La Detroit roses ever seen are at present arriving from Klagge's greenhouses, with stems as long as Beauties, fine large flowers of good color and nice, clean foliage.

The weather has been more like spring than fall. Some days the temperature was as high as 60 degrees outdoors, and the sun has not been backward about shining either. This has brought the chrysanthemums out in large numbers, causing them to become a little too plentiful for a few days.

The demand for greens has been good, as we are now in the midst of our debutante season.

Various Notes.

The Michigan Cut Flower Exchange has added a line of chiffons to its list of supplies. If these move well, a line of staple ribbons will also be added.

Mr. and Mrs. William Dilger left for southern Kentucky Monday evening, November 15. Mr. Dilger will return in about one week, but Mrs. Dilger will perhaps be gone a month. Their destination is the extreme southern part of the state, on the Tennessee border. Mr. Dilger will leave, immediately upon arrival, for the mountains to investigate Kentucky rock. He has been experimenting with this rock as a paving material for the last four years and has finally found a way of laying it which makes a roadway equal to any other material, including foreign or domestic asphalt. The rock is pulverized and then laid in the cold state.

In my last letter I spoke, of the party and fish supper at J. E. Smith's, in Wyandotte. Since then so many of the party of about forty who were there have been singing praises for Mr. Smith that I feel a few more words are necessary. The supper of whitefish was not a supper at all, but an elaborate dinner, served in finest hotel style. After supper a most enjoyable evening was spent, dancing to music furnished by a string orchestra. H. S.

CARLISLE, PA.—Roy Erb, the Louther street florist, will build greenhouses on the tract of ground, containing sixteen lots, which he recently purchased.

Wholesale Trade List

Araucaria excelsa, fine plants, 3 tiers, 5-in. pots, 50c each.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Cycas Palms, fine shaped plants, 3-10 leaves, 10c per leaf.

Clematis paniculata, 3-in. pots, $5.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $6.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.

Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Araucaria, Cyclamen, Ferns, Etc.

		Doz.	100
2½-in.	Bostons	$0.60	$ 4.50
4-in.	"	2.00	
5-in.	"	3.00	
6-in.	"	5.00	
2½ in.	Whitmani	.75	5.00
3-in.	"	1.00	8.00
4-in.	"	2.50	20.00
2½-in.	Scottii	.60	4.50
6-in.	"	4.50	
4-in.	" from bed	1.50	12.00
2½-in.	Amerpohlii	.60	4.50
3-in.	"	1.00	8.00
4-in.	"	2.00	15.00
5-in.	"	3.50	
6-in.	"	5.00	
2-in.	Asparagus Plumosus Nanus	.40	3.00
4-in.	" " "	1.50	12.00
2-in.	Asparagus Sprengeri	.40	2.50
3-in.	" "	.75	6.00
4-in.	" "	1.25	10.00
2-in.	Ferns for dishes, 4 varieties		3.00
4-in.	Araucaria Excelsa, 2 tiers	5.00	40.00
4-in.	" " 3 tiers	6.00	50.00
5-in.	" " 4 tiers	7.50	60.00
4-in.	Rubber Plants	3.00	22.50

		Doz.	100
2-in.	Obconica Primrose		$ 3.00
2-in.	Baby Primrose		2.50
2-in.	Cyclamen, 4 colors		3.00
3-in.	" 4 "	$1.00	7.00
4-in.	" 4 "	2.00	15.00
2-in.	Poinsettias		5.00
2½-in.	Kentia Belmoreana		10.00
3-in.	" "		20.00
2½-in.	Kentia Forsteriana		10.00
3-in.	" "		20.00
2½-in.	Phoenix, 2 varieties		4.00
3-in.	" 2 "		7.00
	Bargains in Latania Borbonica		
	R. C. Hydrangea		1.50
2-in.	"	.50	4.00
3-in.	" 3 crowns	1.00	8.00
4-in.	" 3 "	2.00	15.00
5-in.	" 3 to 5 crowns	3.00	
2½-in	Moonvines		2.50
2½-in.	Vinca Var.	.50	4.00
3-in.	"	.75	6.00
10-in.	Wire Baskets	1.50	12.00
12-in.	"	1.00	15.00
14-in.	"	2.50	

We also solicit your orders for **R. C. Ageratum, Alyssum, Coleus, Salvias, Heliotrope, Feverfew, Lantanas, Vincas, Moonvines, Double Petunias, etc.** Write for prices. Satisfaction is our aim.

2% discount for cash with order. One-third cash required on C. O. D. orders. Give us a trial.

D. U. Augspurger & Sons Co., Box 778, Peoria, Ill.

Mention The Review when you write

AZALEAS

Just received in fine condition, a good lot of Van Dillewyn & Thiel's prize Azaleas—bushy, well-budded, symmetrical plants.

Deutsche Perle, Empress of India, Empereur du Bresil, Hexe, Madame Van der Cruyssen, Simon Mardner, Vervaeneana, etc.

	Per doz.	100
10 to 12 inches in diameter	$4.50	$35.00
12 to 14 inches in diameter	6.00	45.00
14 to 16 inches in diameter	7.00	55.00

——Limited stock; order promptly.——

JACKSON & PERKINS CO., NEWARK, N. Y.

Mention The Review when you write.

CANNAS

Discolor	Burbank	Chas. Henderson
Shenandoah	Austria	Elizabeth Hoss
Black Beauty	Pennsylvania	Florence Vaughan
David Harum	Frederick Benary	Madame Crozy
King Humbert	Chicago	Buttercup, Etc.

Extra choice stock.
Special Prices on application.

Mosbæk Greenhouse Co., Onarga, Ill.

Choice Stock

Chinese Primulas

Very best English and French strains, 3½-in., 75c per doz., $5.00 per 100.

Asparagus Plumosus

3-in., 85c per doz., $7.00 per 100.

Ferns

For dishes, assorted varieties, 2¼-in. pots $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz.

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100.

Cash with order.

Frank Oechslin, 4911 Quincy St. **Chicago, Ill.**

Formerly Garfield Park Flower Co.

YOUR CASH

will buy more goods of Kuhl for next 10 days than you can get anywhere else. We offer you

Cyclamen, 2-in., at $2.00; 2½-in., $3.50; 3-in., $6.00; 4 in., $15.00; 5-in., $75 00.

Primroses, Chinese and Obconica, 2½-in., $3.50; 3-in. $6.00; 4-in., $10.00. **Forbesi,** 2½-in., $5.00; 3-in., $7.50.

Gloire de Lorraine, 3-in., at $20.00; 4-in., $35.00; 5-in., $60.00.

Celestial Peppers, 3-in., $7.50; 4-in., $12.50; 5-in., $25 00.

Roses. Baby Ramblers, 3-in., at $10.00. **Madame Souperts,** 4 in., at $12.50. **Hermosa,** 4-in., at $12.50.

Araucaria, 75c and $1.00 each.

Crotons, $1.00, $1.25, $1.50 each.

Japanese Air Plants, in baskets, at $1.50, $2.00 and $2.50 per dozen.

Azaleas, 75c, $1.00, $1.25 and $1.50.

GEO. A. KUHL, Wholesale Florist and Grower PEKIN, ILLINOIS

Mention The Review when you write.

Prepare for the Holidays

ARAUCARIAS OUR SPECIALTY. THREE FULL HOUSES SOLD ALREADY.
ONLY ONE MORE HOUSEFUL LEFT. SECURE YOUR SUPPLY.



TESTIMONY FROM MICHELL.

I personally visited Mr. Aschmann's greenhouses September 21, 1909, and found that the **Araucarias, Begonia Gloire de Lorraine, Boston, Whitmani, Scottii, Amerpohlii, Todeaoides ferns, Rubber Plants, Kentias** and **Arecas** are indeed A No. 1. Have never seen any better plants. The Gloire de Lorraine begonias in 6 in. pots are a perfect wonder, bushy and clean. Have never seen his greenhouses filled with plants as good as they are now.

F. J. MICHELL, of the firm of Henry F. Michell Co., 1018 Market St., Philadelphia, Pa.

Four Houses Filled with the Best. With What? Sure, with ARAUCARIAS, Our Specialty

Araucarias our specialty. More in favor than ever before.

We are one of the largest importers of these well-known and beautiful evergreen decorative plants, the **Araucaria Robusta Compacta, Excelsa Glauca and Excelsa.**

Araucaria Robusta Compacta, real beauties, hard to beat, 4-yr.-old, 6-in. pots, 15 to 25 in. high, $1.25, $1.50 to $1.75 each.

Araucaria Excelsa Glauca, the most attractive of the Araucaria family. This is the blue-green variety, combining grace and beauty, and is much admired; 4-yr.-old, 6 in. pots, 4, 5 and 6 tiers, 18, 20 to 25 in. high, $1.00, $1.25, $1.50 to $2.00 each.

Areca Lutescens, 5-in., made up of 3 plants, 35c.

Araucaria Excelsa, 1909 importation, in sizes as herewith stated: 5½ to 6 in. pots, 3-yr. old, 4, 5, 6 and 7 tiers, 18, 20, 22, 24, 26 to 30 in. high, 75c, $1.00, $1.25 to $1.50 each.

Kentia Belmoreana, 4-in., 15 to 20 in. high, 25c to 35c; 6 to 7-in., stocky, 30 to 35 in. high, 6 to 7 good leaves, very bushy, $1.25, $1.50 to $2.00.

Kentia Belmoreana, 3-in., suitable for fern dishes, 10c.

Kentia Forsteriana, 8-in. pots, made up, 1 large, 4 ft. high in center, with 3 small around, price $3.00 to $4.00; single plants, 6 to 7-in. pots, 25, 30, 35, 40 to 48 in. high, 75c to $1.00, $1.25 to $1.50, $2.00 to $2.50 each.

Cocos Weddelliana, 3½-in., 18 to 20 in. high, 20c to 25c; 3-in., 15 in. high, 15c.

Azalea Indica, new crop, raised for us under contract by our Azalea specialist in Ghent, Belgium, just arrived and stood the sea voyage well. We never received a finer lot than this year, well budded for Christmas forcing. Remember, only the healthiest, strongest plants, with buds well advanced, are selected. Deutsche Perle (double white), Simon Mardner (double pink), Vervaeneana (double rose variegated), Apollo (red), 50c, 75c, $1.00, $1.25, $1.50 to $2.00. Mme. Petrick, best earliest pink. New varieties will flower in medium temperature. A child can force them into bloom for Xmas, full of buds, 75c, $1.00, $1.25, $1.50 to $2.00 each. Easter forcing varieties, Bernard Andre alba (white), Niobe (white), last year's plants, big sizes, 16, 18, 20 to 22-in., full of buds, $1.00, $1.50, $2.00 to $2.50 each. Remember, only last year's importation bloom successfully for Easter. Empress of India, Mme. Van der Cruyssen, De Schryveriana, Dr. Moore, Simon Mardner, Vervaeneana, Deutsche Perle and five or six more American favorite varieties, 50c, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50 each.

Azalea Mme. Petrick (double pink), for Thanksgiving, in bloom $1.00, $1.25 to $1.50.

Ferns, Scottii, 4-in., 25c; 5, 5½ to 6-in., 35c, 40c to 50c.

Ferns. Nephrolepis Todeaoides and Boston, 5, 5½ and 6-in. pots, 35c, 40c, 50c. Whitmani, 7-in., as big as a wash-tub, 75c to $1.00. Boston, Scottii and Todeaoides, 7-in., 75c to $1.00 each, as big as a washtub.

Scottii, 4, 5, 5½ to 6-in., 20c, 25c, 35c, 40c and 50c.

Ferns, Wilsoni, bushy, 3 ferns in a 6-in. pan, 25c and 35c per pan.

Primula Kewensis, new yellow novelty, rapid grower, flower will last for months, 4-in., 15c; 5-in., 20c.

Primula Chinensis, John F. Rupp's best strain, assorted, 4-in., 10c; 5¼-in., $2.50 per doz.

Adiantum Hybridum, very valuable for cutting; 4-in., 15c; 3 in., 10c.

Asparagus Plumosus Nanus, 2½-in. pots, $3.00 per 100; 3-in. pots, $5.00 per 100; 4-in. pots, $10.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $3.00 per 100; 4-in., $8.00 per 100.

Dish Ferns. Best assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

LOOK! A 7-inch Whitmani as big as a bushel basket, 75c to $1.00.

We have a full house each of the finest **Amerpohlii and Whitmani** in the market. Amerpohlii, 5½ and 6-in., 40c and 50c. Whitmani, 5½, 6 and 7-in., 25c, 40c, 50c, 75c, $1.00.

Begonia Gloire de Lorraine. Have a whole house full of them in 6 in. sizes, in first-class condition, ready to bloom now and for the holidays. Our experiments in the past in raising and cultivating this early Christmas plant put us in the foreground and now we will be able to deliver them in a much improved condition, with flowers much brighter in color and hardier, standing shipping well. Everybody seeing them, even enemies, must admire them. They are cracker-jacks; 7-in. pots, $1.25 to $1.50; 6-in. pots, 50c, 75c to $1.00. The 75c and $1.00 sizes are almost as big as 8-in.; 3-in. pots; 12c to 15c.

Made-up Plants, 8-in. pans, with 3 3-in. **Begonia Gloire de Lorraine** in center, edged with Asparagus plumosus and Sprengeri, or assorted dish ferns, very attractive. Sell on sight, 60c per pan.

Begonia Flambeau, 4-in., 15c; 5¼ in., 20c.

Begonias. New improved Erfordii and gracilis, 5¼-in., $2.50 per doz.

Cineraria Hybrida, Aschmann's well-known strain, 4-in., 10c.

Yellow Daisies, 2½-in., $4.00 per 100.

Jerusalem Cherries, 6 in., full of berries 25c, 30c to 50c.

Hydrangea Otaksa, pot grown, 6-in., 25c to 35c.

NOTICE—All our Ferns are pot, not bench-grown. All goods must travel at purchaser's risk. Cash with order, please.

Please state if you want stock shipped in or out of pots.

Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

FORMOSA LILIES.

I have planted my Easter lilies and have put them down in a cellar and covered them over with some moss. Is that as good as straw? Before I covered them over I gave them a good watering. When I find that they are becoming dry, do I have to remove the moss, or can I just water over the moss? The variety is Formosa. H. B.

Better remove the moss in order to see just which pots require watering. Lilies should be kept on the dry side until roots are active around the sides of the pots. An excess of moisture in the early stages of growth is often the cause of roots decaying and consequent sickly plants. Let them get quite dry before you water. As growths appear remove them to a lighter place. If you water the moss the lilies are likely to root up into it, which you do not want. W. C.

WHEELING, W. VA.—John Hellstern has recently completed an addition of three new greenhouses.

Important

Flowering, Foliage and Decorative Plants for Immediate Delivery

Also a fine list of

Christmas and Easter Plants

Write for our descriptive catalogue, sent free.

A. SCHULTHEIS
316 19th St. COLLEGE POINT, N. Y.

Cyclamens, fine stock, 2½-in., $5.00; 3 in., $8.00 and $10.00; 4-in., $12.00, $18.00, $25.00; 5-in., $35.00 and $50.00 per 100.

Primroses in bud and bloom, 4-in., $10.00; 5-in., $15.00 per 100.

Begonia Gloire de Lorraine, $35.00 and $50.00 per 100.

Asparagus Plumosus, 2½-in. strong, $2.50 per 100. CASH WITH ORDER

CHRIST. WINTERICH, Cyclamen Specialist **DEFIANCE, OHIO**

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JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Always mention the Florists' Review when writing advertisers.

DETROIT.

The Market.

Business has been quite satisfactory during the last few weeks. October was a little dull at first, but a steady rush toward the latter part of the month brought the month's business far ahead of last year.

Stock of all kinds is plentiful, but little, if any, is going to waste. Some of the finest La Detroit roses ever seen are at present arriving from Klagge's greenhouses, with stems as long as Beauties, fine large flowers of good color and nice, clean foliage.

The weather has been more like spring than fall. Some days the temperature was as high as 60 degrees outdoors, and the sun has not been backward about shining either. This has brought the chrysanthemums out in large numbers, causing them to become a little too plentiful for a few days.

The demand for greens has been good, as we are now in the midst of our debutante season.

Various Notes.

The Michigan Cut Flower Exchange has added a line of chiffons to its list of supplies. If these move well, a line of staple ribbons will also be added.

Mr. and Mrs. William Dilger left for southern Kentucky Monday evening, November 15. Mr. Dilger will return in about one week, but Mrs. Dilger will perhaps be gone a month. Their destination is the extreme southern part of the state, on the Tennessee border. Mr. Dilger will leave, immediately upon arrival, for the mountains to investigate Kentucky rock. He has been experimenting with this rock as a paving material for the last four years and has finally found a way of laying it which makes a roadway equal to any other material, including foreign or domestic asphalt. The rock is pulverized and then laid in the cold state.

In my last letter I spoke of the party and fish supper at J. E. Smith's, in Wyandotte. Since then so many of the party of about forty who were there have been singing praises for Mr. Smith that I feel a few more words are necessary. The supper of whitefish was not a supper at all, but an elaborate dinner, served in finest hotel style. After supper a most enjoyable evening was spent, dancing to music furnished by a string orchestra. H. S.

Carlisle, Pa. Roy Erb, the Louther street florist, will build greenhouses on the tract of ground, containing sixteen lots, which he recently purchased.

Araucaria, Cyclamen, Ferns, Etc.

	Doz.	100
2½-in. **Bostons**	$0.60	$ 4.50
4-in. "	2.00	
5-in. "	3.00	
6-in. "	5.00	
2½ in. **Whitmani**	.75	5 00
3-in. "	1.00	8.00
4 in. "	2.50	20.00
2½-in. **Scottii**	.60	4.50
6-in. "	4 50	
4-in. " from bed	1.50	12.00
2½-in. **Amerpohlii**	.60	4.50
3-in. "	1.00	8.00
4-in. "	2 00	15.00
5-in. "	3.50	
6-in. "	5.00	
2-in. **Asparagus Plumosus Nanus**	.40	3.00
4-in. " " "	1.50	12.00
2-in. **Asparagus Sprengeri**	.40	2.50
3-in. " "	.75	6 00
4-in. " "	1.25	10.00
2-in. **Ferns for dishes,** 4 varieties		3.00
4-in. **Araucaria Excelsa,** 2 tiers	5.00	40.00
4-in. " " 3 tiers	6.00	50.00
5-in. " " 4 tiers	7.50	60.00
4-in. **Rubber Plants**	3.00	22.50

	Doz.	100
2-in. **Obconica Primrose**		$ 3.00
2-in. **Baby Primrose**		2.50
2-in. **Cyclamen,** 4 colors		3.00
3-in. " 4 "	$1.00	7.00
4-in. " 4 "	2.00	15.00
2-in. **Poinsettias**		5.00
2½-in. **Kentia Belmoreana**		10.00
3-in. " "		20.00
2½-in. **Kentia Forsteriana**		10.00
3-in. " "		20.00
2½-in. **Phoenix,** 2 varieties		4.00
3-in. " 2 "		7.00
Bargains in Latania Borbonica		
R. C. Hydrangea		1.50
2-in. "	.50	4.00
3-in. " 3 crowns	1.00	8.00
4-in. " 3 "	2.00	15.00
5-in. " 3 to 5 crowns	3.00	
2½-in **Moonvines**		2.50
2½-in. **Vinca Var.**	.50	4.00
3-in. "	.75	6.00
10-in. **Wire Baskets**	1.50	12.00
12-in. " "	1.00	15.00
14-in. " "	2.50	

We also solicit your orders for **R. C. Ageratum, Alyssum, Coleus, Salvias, Heliotrope, Feverfew, Lantanas, Vincas, Moonvines, Double Petunias, etc.** Write for prices. Satisfaction is our aim.

2% discount for cash with order. One-third cash required on C. O. D. orders. Give us a trial.

D. U. Augspurger & Sons Co., Box 778, Peoria, Ill.

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AZALEAS

Just received in fine condition, a good lot of Van Dillewyn & Thiel's prize Azaleas—bushy, well-budded, symmetrical plants.

Deutsche Perle, Empress of India, Empereur du Bresil, Hexe, Madame Van der Cruyssen, Simon Mardner, Vervaeneana, etc.

	Per doz.	100
10 to 12 inches in diameter	$4.50	$35.00
12 to 14 inches in diameter	6.00	45.00
14 to 16 inches in diameter	7.00	55.00

Limited stock; order promptly.

JACKSON & PERKINS CO., NEWARK, N. Y.

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CANNAS

Discolor	**Burbank**	**Chas. Henderson**
Shenandoah	**Austria**	**Elizabeth Hoss**
Black Beauty	**Pennsylvania**	**Florence Vaughan**
David Harum	**Frederick Benary**	**Madame Crozy**
King Humbert	**Chicago**	**Buttercup, Etc.**

Extra choice stock.
Special Prices on application.

Mosbæk Greenhouse Co., Onarga, Ill.

Wholesale Trade List

Araucaria excelsa, fine plants, 3 tiers, 5-in. pots, 50c each.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Cycas Palms, fine shaped plants, 3-10 leaves, 10c per leaf.

Clematis paniculata, 3-in. pots, $5.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $3.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.

Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Choice Stock

Chinese Primulas

Very best English and French strains, 3½ in., 75c per doz., $5.00 per 100.

Asparagus Plumosus

3-in., 50c per doz., $7.00 per 100

Ferns

For dishes, assorted varieties, 2¼-in. pots $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100

Cash with order.

Frank Oechslin, 4911 Quincy St. **Chicago, Ill.**

Formerly Garfield Park Flower Co.

YOUR CASH

will buy more goods of Kuhl for next 10 days than you can get anywhere else. We offer you

Cyclamen, 2-in., at $2.00; 2½-in., $3.50; 3-in., $6.00; 4 in., $15 00; 5-in., $25 00.

Primroses, Chinese and Obconica, 2½-in., $3 50; 3-in $6.00; 4-in., $10 00. **Forbesi,** 2½-in., $5.00; 3-in., $7.50

Gloire de Lorraine, 3-in at $20 00; 4 in $35.00; 5-in. $60.00

Celestial Peppers, 3-in., $7.50; 4-in., $12.50, 5-in., $25 00

Roses. Baby Ramblers, 3-in., at $10.00 **Madame Souperts,** 4 in., at $12 50 **Hermosa,** 4-in., at $12 50

Araucaria, 75c and $1 00 each

Crotons, $1.00, $1.25, $1.50 each.

Japanese Air Plants, in baskets, at $1 50 $2 00 and $2.50 per dozen

Azaleas, 75c, $1 00, $1.25 and $1.50

GEO. A. KUHL, Wholesale Florist and Grower PEKIN, ILLINOIS

Mention The Review when you write.

Prepare for the Holidays

ARAUCARIAS OUR SPECIALTY. THREE FULL HOUSES SOLD ALREADY.
ONLY ONE MORE HOUSEFUL LEFT. SECURE YOUR SUPPLY.



TESTIMONY FROM MICHELL.

I personally visited Mr. Aschmann's greenhouses September 21, 1909, and found that the **Araucarias, Begonia Gloire de Lorraine, Boston, Whitmani, Scottii, Amerpohlii, Todeaoides ferns, Rubber Plants, Kentias** and **Arecas** are indeed A No. 1. Have never seen any better plants. The Gloire de Lorraine begonias in 6 in. pots are a perfect wonder, bushy and clean. Have never seen his greenhouses filled with plants as good as they are now.

F. J. MICHELL, of the firm of Henry F. Michell Co., 1018 Market St., Philadelphia, Pa.

Four Houses Filled with the Best. With What? Sure, with ARAUCARIAS, Our Specialty

Araucarias our specialty. More in favor than ever before.

We are one of the largest importers of these well-known and beautiful evergreen decorative plants, the **Araucaria Robusta Compacta, Excelsa Glauca and Excelsa.**

Araucaria Robusta Compacta, real beauties, hard to beat, 4-yr.-old, 6-in. pots, 15 to 25 in. high, $1.25, $1.50 to $1.75 each.

Araucaria Excelsa Glauca, the most attractive of the **Araucaria** family. This is the blue-green variety, combining grace and beauty, and is much admired; 4-yr.-old, 6 in. pots, 4, 5 and 6 tiers, 18, 20 to 25 in. high, $1.00, $1.25, $1.50 to $2.00 each.

Areca Lutescens, 5-in., made up of 3 plants. 35c.

Araucaria Excelsa, 1909 importation, in sizes as herewith stated: 5½ to 6 in. pots, 3-yr. old, 4, 5, 6 and 7 tiers, 18, 20, 22, 24, 26 to 30 in. high, 75c, $1.00, $1.25 to $1.50 each.

Kentia Belmoreana, 4-in., 15 to 20 in. high. 25c to 35c; 6 to 7-in., stocky, 30 to 35 in. high, 6 to 7 good leaves, very bushy, $1.25, $1.50 to $2.00.

Kentia Belmoreana, 3-in., suitable for fern dishes. 10c.

Kentia Forsteriana, 8-in. pots, made up, 1 large, 4 ft. high in center, with 3 small around, price $3.00 to $4.00; single plants, 6 to 7-in. pots, 25, 30, 35, 40 to 48 in. high, 75c to $1.00, $1.25 to $1.50, $2.00 to $2.50 each.

Cocos Weddelliana, 3½-in., 18 to 20 in. high. 20c to 25c; 3-in., 15 in. high, 18c.

Azalea Indica, new crop, raised for us under contract by our Azalea specialist in Ghent, Belgium, just arrived and stood the sea voyage well. We never received a finer lot than this year, well budded for Christmas forcing. Remember, only the healthiest, strongest plants, with buds well advanced, are selected. Deutsche Perle (double white), Simon Mardner (double pink), Vervaeneana (double rose variegated), Apollo (red), 50c, 75c, $1.00, $1.25, $1.50 to $2.00. Mme. Petrick, best earliest pink. New varieties will flower in medium temperature. A child can force them into bloom for Xmas, full of buds, 75c, $1.00, $1.25, $1.50 to $2.00 each. Easter forcing varieties, Bernard Andre alba (white), Niobe (white), last year's plants, big sizes, 16, 18, 20 to 22-in., full of buds, $1.00, $1.50, $2.00 to $2.50 each. Remember, only last year's importation bloom successfully for Easter. Empress of India, Mme. Van der Cruyssen, De Schryveriana, Dr. Moore, Simon Mardner, Vervaeneana, Deutsche Perle and five or six more American favorite varieties, 50c, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50 each.

Azalea Mme. Petrick (double pink), for Thanksgiving, in bloom $1.00, $1.25 to $1.50.

Ferns, Scottii, 4-in., 25c; 5, 5½ to 6-in., 35c, 40c to 50c.

Ferns. Nephrolepis Todeaoides and Boston, 5, 5½ and 6-in. pots, 35c, 40c, 50c. Whitmani, 7-in., as big as a wash-tub, 75c to $1.00. Boston, Scottii and Todeaoides, 7-in., 75c to $1.00 each, as big as a washtub.

Scottii, 4, 5, 5½ to 6-in., 20c, 25c, 35c, 40c and 50c.

Ferns, Wilsoni, bushy, 3 ferns in a 6-in. pan, 25c and 35c per pan.

Primula Kewensis, new yellow novelty, rapid grower, flower will last for months, 4-in., 15c; 5-in., 20c.

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Primroses in bud and bloom, 4-in., $10.00; 5-in., $15.00 per 100.

Begonia Gloire de Lorraine, $35.00 and $50.00 per 100.

Asparagus Plumosus, 2½ in. strong, $2.50 per 100. CASH WITH ORDER

CHRIST. WINTERICH, Cyclamen Specialist, **DEFIANCE, OHIO**

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Palms, Ferns AND Decorative Plants

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Rate for advertising in this department 10 cents a line net, per insertion.

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Adiantum cuneatum, 3000 plants in 6-in. pots, $15.00 per 100; $125.00 per 1000.
Estate of David Fisher, Montvale, Mass.

Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
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Agapanthus, sturdy field plants, 25c each, $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

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Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100. F. Ludemann, 3041 Baker St., San Francisco, Cal.

Fine Araucaria excelsa, in 6-in. pots, 60c each.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

SPECIAL OFFER.
Asparagus Sprengeri seedlings.
We have an exceptionally fine lot on hand and offer same at 50c per 100, $4.50 per 1000, while they last. W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus, 1000 5 and 6-in., just the right size plants to use for a new bed to grow for strings, $15.00 per 100, $125.00 per 1000.
Erie Floral Co., Erie, Pa.

Asparagus plumosus, fine, young stock, ready Jan. 1 to Aug 1, $2.50 per 100. 40,000 of them. Samples on request.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, strong plants, 2 and 3-in., $2.00 and $4.00 per 100. Sprengeri, 3-in., $4.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Asparagus Sprengeri, in 2½-in., at 2c; all first class stock. Will exchange for Boston or Amerpohlii ferns.
A. E. Boyce, Bartlesville, Okla.

Asparagus plumosus nanus, 2-in., $2.00 per 100; 4-in., extra fine, large plants, $8.00 per 100. Scharff Bros., Van Wert, Ohio.

Asparagus plumosus nanus, transplanted seedlings, 2 and 2½-in. pots, $10.00 per 1000 f. o. b. Loomis. Loomis Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 2½-in., 2½c; 2½-in. rose pots, 3c; 6-in., 15c. Excellent, thrifty stock. M. M. Lathrop, Cortland, N. Y.

Asparagus Sprengeri, strong plants, from 2½-in. pots, ready for 4-in., $2.50 per 100.
John F. Fischer, Huntsville, Ala.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus plumosus, very strong, 2½-in., $3.00 100, $25.00 1000; 3-in., $5.00; 4-in., $8.00.
Chas. A. Moss, Spartanburg, S. C.

Asparagus plumosus nanus, unusually stocky, 2½-in., $2.50; 2¼-in., $2.00 per 100.
J. H. Myers, Altoona, Pa.

Asparagus Sprengeri, 2¼-in., 2½c; 3-in., 5c; 4-in., 10c. Plumosus, 2¼-in., 3c.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 2½-in., $2.00 per 100; Sprengeri, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Asparagus plumosus, fine plants, 2½-in. If taken at once, $2.00 per 100.
Andrew Peterson, Hoopeston, Ill.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 per 100; $20.00 per 1000.
Iowa Seed Co., Des Moines, Iowa.

Asparagus plumosus, 4-inch pots, need shifting, 10c each; $9.50 per 100.
W. Bainbridge, Mower St., Mt. Airy, Phila.

Asparagus plumosus, strong plants, 3-in., $6.00; 3½-in., $8.00.
Kemble Floral Co., Oskaloosa, Iowa.

Asparagus plumosus, 2½-in., strong, $2.50 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Asparagus Sprengeri, strong plants, ready for 5-in. pots, $5.00 per 100.
J. F. Flood Co., Dedham, Mass.

Asparagus Sprengeri, 2½-in. pots, strong plants, $2.50 per 100.
Virginia Nursery Co., Purcellville, Va.

Asparagus Sprengeri, strong, 2-in., $1.75 per 100; $15.00 per 1000.
Reeser & Youngstrand, Springfield, O.

Asparagus plumosus nanus, fine, large plants, 2½-in., $2.50 per 100.
The Lester Greenhouses, Ottawa, Kansas.

Asparagus plumosus, 3-in., 85c per doz., $7.00 per 100. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Asparagus plumosus seedlings, $1.00 per 100; $8.00 per 1000.
I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT. BRIGHTON, MASS.

Asparagus plumosus nanus, 2-in., $1.50 100. Fine. U. G. Harglerode, Shippensburg, Pa.

A. Sprengeri, 4-in., good, $6.00 100; 2-in., $2.00. So. Bend Floral Co., South Bend, Ind.

Asparagus Sprengeri, 2-inch, $1.75 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus Sprengeri, strong, 2-in., 2c.
H. Klahr, Schoharie, N. Y.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

ASPIDISTRAS.

Aspidistras, green and variegated, 6 and 7-in. pots, 50c, 75c and $1.00 each. Cash.
Frank Sokol, College St., Worcester, Mass.

BEGONIAS.

Begonia Rex my specialty. Strong, from flats, ready for 4-in. pots, $3.00 per 100; $25.00 per 1000. Louise Closson, Bertha MacGregor and Clementinae, strong, 2½-in. pots, $6.00 per 100. Write for other sizes out of pots.
Chas. A. Moss, Spartanburg, S. C.

Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias. 1000 Marjorie Daw, 600 Sandersoni, fine, strong stock from 4-in. pots, $8.00 per 100. Cash with order.
Pahud Floral Co., Indianapolis, Ind.

Rex begonias. A fine asortment of 12 named varieties from 2½-in. pots, strong plants, $4.00 per 100. Virginia Nursery Co., Purcellville, Va.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Choice flowering begonias in five leading varieties, good, stocky 3-in., 5c; 4-in., 10c.
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Rex begonias, 2-in., $3.00 100, $30.00 1000; rubra, large plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Begonia Lorraine, $35.00 and $50.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Begonias, 8 var., flowering, 4-in., extra strong, only 10c. Hammerschmidt & Clark, Medina, O.

Begonia incarnata, 2½-in., ready for 4's, at 6c; 3-in., at 10c. L. E. Hits, Madison, Ind.

Beefsteak begonias, large, 2-in., $1.50 per 100.
Loyd C. Bunch, Fredonia, Kan.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Jerusalem cherries, 4-in., well berried, $8.00 per 100; 4-in., loaded with red berries, perfect beauties, $15.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Christmas peppers, 4-in., ready for 5-in., well branched, stocky, $5.00 per 100.
H. O. Hannah & Son, Sherman, Tex.

BOX.

DWARF BOX.
Fine, well rooted plants, 3 to 8 in., $1.00 to $5.00 per 100. Stock fine, but limited. Order soon. M. L. McClave, Benton Harbor, Mich.

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Boxwood, packed in crates of 50 lbs., cut to order. Shipments from Nov. 20 to Dec. 15.
Jones The Holly Wreath Man, Milton, Del.

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SPECIAL CLEARING PRICES.
TULIPS.
SINGLE—Keizerskroon, mammoth bulbs, $1.40 per 100; $12.00 per 1000. La Reine, 85c per 100; $7.50 per 1000. Rose Gris de Lin, $1.40 per 100; $12.00 per 1000. Yellow Prince, 85c per 100; $7.50 per 1000.
DOUBLE—Murillo, fancy bulbs, $1.80 per 100; $16.00 per 1000. Tournesol, yellow, $2.00 per 100; $17.50 per 1000.
NARCISSI.
Empress, double-nose, $1.60 per 100; $14.00 per 1000. Golden Spur, $1.40 per 100; $12.00 per 1000. Trumpet Major, $1.00 per 100; $8.00 per 1000.
250 at 1000 rate.
SLUIS SEED STORE.
544 W. 63rd St., Chicago, Ill.

Just received for Easter forcing, Lilium mult., 7-9, 300 case, $45.00.
SURPLUS.
Tulips, single, extra fine, mixed, $5.50 per 1000; double, extra fine, mixed, $6.00 per 1000. Paper White grand., fancy, 14 cm., $10.00 per 1000; 13 cm., $8.00 per 1000.
Currie Bros. Co., Milwaukee, Wis.

Dutch hyacinths, named varieties, $3.90 per 100; $36.00 per 1000. Write for price list.
Stapler's Seed Store, Pittsburg, Pa.

Bulbs. Special wholesale price list of native liliums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

Bulbs. Amaryllis, Milla, bessera, zephyranthes, Cooperia. Ask for prices. Wm. Tell, Austin, Tex.

CACTI.

Well established cacti in variety. Ask for prices. Wm. Tell, Austin, Tex.

CALLAS.

Calla lilies, fine started plants, 6-in., $2.00 per doz.; $15.00 per 100.
J. C. Schmidt, Bristol, Pa.

CANNAS.

Cannas, strong divisions. Allemania, $1.25 per 100; $10.00 per 1000; $45.00 per 5000. Mlle. Berat, $1.50 per 100; $12.50 per 1000. Cash with order. Stanley Wiers, 1352 So. Fountain Ave., Springfield, Ohio.

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CARNATIONS.

Carnation rooted cuttings for early delivery. Selected stock of White Enchantress, Winona, Afterglow, Winsor, Red Nelson Fisher, O. P. Bassett and Beacon. 1000 Lawson-Enchantress, field plants protected from frost, $30.00.
A. C. Canfield, Springfield, Ill.

15000 good, healthy carnation plants. White Perfection, $5.00 per 100; $40.00 per 1000. Craig, $4.00 per 100; $40.00 per 1000. Harlowarden and Queen, $4.00 per 100; $35.00 per 1000.
The Parker Greenhouses, Norwalk, O.

Field-grown carnation plants. To close them out. Enchantress, Winsor, Lawson-Enchantress and Aristocrat, $4.00 per 100; $35.00 per 1000. Cash or C. O. D.
A. M. Schafer, 2129 Balmoral Ave., Chicago.

Carnations, strong, field-grown, first size. Queen Louise, Boston Market, Prosperity and Joost, $4.00 per 100. Cash with order.
W. H. Gordon,
307 North Rowland St., Richmond, Va.

Strong Rose-pink Enchantress carnation plants, the money-maker of all pink sorts; house on your mum benches; cheap at 6c, going at $3.00 per 100. J. B. Goetz Sons, Saginaw, W. S., Mich.

Carnations. You can save money on the cuttings you buy if I am given the order. Send a list of what you want for pricing.
Albert M. Herr, Lancaster, Pa.

About 1000 field-grown carnations, White and Pink Enchantress and a few Nelson Fisher, 3c, or will exchange for any kind of ferns.
Ponce De Leon Floral Co., Atlanta, Ga.

Carnations. Fine, field-grown plants of Boston Market, $3.50 per 100.
Chas. Wiffin, Des Plaines, Ill.

CHRYSANTHEMUMS.

WARRICK BROS'. MUM STOCK PLANTS.
The following at 60c per dozen.

WHITE	PINK
Mrs. A. T. Miller	Helen Frick
Beatrice May	Mrs. M. F. Plant
Miss A. Roosevelt	John Burton
Mrs. Swinburne	YELLOW
Mlle. M. Desjouis	Monrovia
W. H. Chadwick	Director Gerard
Virginia Poehlmann	Jeannie Falconer
W. M. Moir	Mrs. G. Beech
Mlle. J. Nonin	Appleton
Lynwood Hall	Golden Chadwick
Timothy Eaton	Nagoya
PINK	Yellow Eaton
Pacific Supreme	Mary Donnellan
Mary Mann	

Golden Eagle.$1.00 doz. Gloria .....$2.00 doz.
Pres. Taft... 2.50 doz. Mrs. Kelley.. 2.00 doz.
Only a few of the above new varieties.
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498 Locust Ave., Washington, Pa.

CHRYSANTHEMUM STOCK PLANTS.
5c each; $4.00 per 100.

Golden Glow	Col. Appleton
Glory Pacific	A. J. Balfour
V. Poehlmann	Mrs. Clay Frick
Golden Eagle	Mrs. Buckbee
Pacific Supreme	Pres. Roosevelt
Alice Roosevelt	Maj. Bonnaffon
Pennsylvania	Philadelphia
White Bonnaffon	Alice Byron
Oct. Frost	Robt. Halliday
Golden Wedding	Polly Rose
Monrovia	Timothy Eaton
Yellow Eaton	Ivory

And many others. Send for complete list.
G. Van Bochove & Bro., Kalamazoo, Mich.

CHRYSANTHEMUM STOCK PLANTS.
75c per doz.; $4.50 per 100.

Monrovia	Touset
Maud Dean	Robert Halliday
Alice Byron	White Bonnaffon
Robinson	Maj. Bonnaffon
Ivory	Shaw
Col. Appleton	Golden Wedding
W. H. Chadwick	J. Nonin
Golden Chadwick	J. Jones
Adelia	Dr. Enguehard

The Munk Floral Co., Columbus, Ohio.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, 40c per doz.; $3.00 per 100; $5.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio

Chrysanthemum stock plants. Golden Glow, Pacific Supreme, Poehlmann, White Cloud, etc., 6c; $5.00 per 100. Kalb, Oct. Frost, Polly Rose, E. Snow, Touset, Ivory, Pacific, Rosiere, Monrovia, Geo. Pitcher, Halliday, P. Ivory, Shaw, Duckham, etc., 5c; $4.00 per 100. Gloria (new light pink), 12c; $10.00 per 100.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemums, healthy stock plants. Estelle, Polly Rose, Wm. Duckham, Adelia, Yellow Bonnaffon, Bronze Black Hawk, Dr. Enguehard, Halliday, Amorita, Robinson and Jones, at once for room, 50c per doz.; $2.75 per 100. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Chrysanthemum stock plants. J. Nonin, Dr. Enguehard, Col. Appleton, Mrs. Jerome Jones, Buckbee, V. Morel, Oct. Frost, Robt. Halliday, Monrovia, Mrs. Weeks, T. Eaton, Yellow Eaton, Merstham, M. Bonnaffon, C. Touset, G. Pacific, Polly Rose, 5c each; $4.00 per 100.
MILLER'S GREENHOUSES,
Mrs. Geo. F. Miller, Prop's, Muncie, Ind.

Chrysanthemum stock plants. Polly Rose, Pacific, Halliday, Bonnaffon, Adelia, Byron, Morel, Yellow and White Jones, Enguehard, Queen, Touset, Philadelphia, Dean, White and Pink Ivory, White and Yellow Eaton, Silver Wedding, Chadwick, Mayor Weaver, Lav. Queen, 60c per doz.; $4.00 per 100.
John Walker, Florist, Youngstown, Ohio.

A good cutting taken now, grown on, will give more and better cuttings at propagating time than you can get from any but the finest stock plants. We have in sand a fine batch of cuttings of V. Poehlmann, Touset, Chadwick, Eaton, Appleton, Monrovia, Bonnaffon, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

Chrysanthemums stock plants. Golden Glow, Lavender Queen, J. Nonin, Eaton, Enguehard, Shaw, Willowbrook, Omega, Intensity, Sunstone, E. D. Smith, Robinson, White Bonnaffon, Yellow Eaton, Silver and Golden Wedding and Rosiere, 75c per doz.; $4.50 per 100. Cash.
Ullrich's Greenhouse, Tiffin, Ohio.

Chrysanthemum stock plants. Virginia Poehlmann, $5.00 per 100; Shaw, White Maud Dean, Halliday, Maud Dean, October Frost, W. Bonnaffon, Y. Bonnaffon, Polly Rose, Glory Pacific, C. Touset, Ivory and Kalb, $2.50 per 100.
Lehde & Schoenhut, Gardenville, N. Y.

Chrysanthemum stock plants. Montmort, Kalb, Rosiere, Touset, Shaw, Polly Rose, Pacific, Ivory, Pink Ivory, Bonnaffon, White Bonnaffon, Jones, Yellow Jones, Nonin, Appleton, etc., 5c; $4.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo and Wm. Duckham, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Stock plants of chrysanthemums. Monrovia, Ivory, White Shaw, Early Snow, 50c per doz., $4.00 per 100, or will trade for rooted cuttings of geraniums.
James Crawshaw, 403 Plainfield St., Providence, R. I.

Chrysanthemum stock plants. Poehlmann, $5.00 per 100; Robinson, W. H. Chadwick, Major Bonnaffon, Halliday and Dr. Enguehard, 45c per doz.; $3.00 per 100. McNiece, pink, $1.50 per 100. C. L. Humphrey, Zanesville, O.

5000 chrysanthemum stock plants. Dr. Enguehard, Wm. Duckham, Buckbee, Willowbrook, Alice Byron, White Chadwick, White and Yellow Eaton, White and Yellow Bonnaffon, $2.00 per 100. Cash. Ernsberger Bros., Celina, Ohio.

Chrysanthemum stock plants. Pacific, Polly Rose, Monrovia, White and Pink Ivory, Oct. Frost, Touset, Rosierre, Mayor Weaver, White and Yellow Bonnaffon, Arline, all choice stock, $1.50 per 100. W. P. Mellott, Calla, Ohio.

Chrysanthemum stock plants. Kalb, Monrovia, White Fitzwygram, Opah, G. Pacific, Polly Rose, Shaw, Oct. Frost, Halliday, Touset, Josephine, Golden Trophy; also midseason and late varieties, $4.00 100. Wm. Ehmann, Corfu, N. Y.

Chrysanthemum stock plants. Polly Rose, Florence Teal, White and Pink Shaw, Oct. Sunshine, Roi d'Italie, to close out at once, $1.75 per 100, or will exchange. What have you?
E. A. Muchow, Clarence, N. Y.

Stock plants. Golden Glow, Oct. Frost, 50c; Bonnaffon, White Bonnaffon, 50c; Gloria, new early light pink, $1.50; Pres. Taft, new midseason white, $3.00. All per doz.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Chrysanthemum clumps. Golden Glow and Pacific Supreme, $2.00 per doz.; Oct. Frost, Touset, Monrovia, Mrs. Coombs and all standard varieties, $1.00 per doz.
B. F. Hensley, Knightstown, Ind.

Chrysanthemums, strong, healthy stock plants. C. Touset, Alice Byron, Polly Rose, G. Pacific, Kalb, Halliday, Shaw, $3.00 per 100. Cash with order.
W. H. & C. B. Newman, Akron, N. Y.

Chrysanthemum stock plants. Ivory, October Frost, Dr. Enguehard, Golden Wedding, Mrs. H. Robinson, Roi d'Italie, Golden Glow, 50c per doz.; $4.00 per 100.
Wilson Floral Co., Box 515, Des Moines, Iowa.

CHRYSANTHEMUMS, STOCK PLANTS.
Golden Glow, 5c. V. Poehlmann, C. Touset, Yellow Chadwick, White Chadwick, B. May, Alice Byron, 4c.
Holton & Hunkel Co., Milwaukee, Wis.

Chrysanthemum stock plants. Golden Glow, 4c; Monrovia and White Ivory, 3c. Pompons: Diana, 3c; Lula, Iva, Emo and Quinola, 2c.
W. D. Herrick, Downers Grove, Ill.

Chrysanthemum stock plants. 500 Golden Glow and 500 Crocus, 50c per doz., $3.00 per 100; 500 Shaw, 40c per doz., $2.00 per 100.
A. J. Boothman, Adams, Mass.

Chrysanthemum stock plants. Golden Glow, 5c; Monrovia, Oct. Frost, C. Touset, Alice Byron, Nonin, 4c; six varieties of pompons, 5c.
John S. Leach, Hartford City, Ind.

Chrysanthemum stock plants, 50c per doz.; $4.00 per 100. Estelle, Pacific, Oct. Frost, Monrovia; other kinds later. Cash, please.
Geo. A. Relyea, Poughkeepsie, N. Y.

Stock plants. Golden Glow, 5c; Oct. Frost and Monrovia, 3c; Kalb, Bonnaffon, Virginia Poehlmann, Touset and Ivory, 4c.
Batavia Greenhouse Co., Batavia, Ill.

Mum stock plants. Robinson, White and Pink Ivory, Holst, Ruth Cleveland, Giant Bronze, Boehmer, Intensity, 5c.
Jewell Greenhouse, The Dalles, Oregon.

Chrysanthemum stock plants. Touset, Pacific, Robinson and Enguehard, $3.50 per 100; 50c per doz. Cash.
F. C. Greene, 610 Innis St., Oil City, Pa.

Stock plants of chrysanthemums. Monrovia, Oct. Frost, Touset, Jeanne Nonin, 50c per doz.; $4.00 per 100. A. T. Hey Floral Co., Maywood, Ill.

Golden Glow, Pacific Supreme, Polly Rose and Glory of Pacific, stock plants, 25 assorted as wanted, $1.00. Chas. Frost, Kenilworth, N. J.

Chrysanthemum stock plants. Golden Glow, Opah, Touset, Polly Rose and Monrovia, 50c per dozen. A. C. Canfield, Springfield, Ill.

Merstham White, the finest single white daisy mum. Stock plants, $2.00 per doz.; $12.00 per 100. A. L. Randall Co., 19 Randolph St., Chicago.

Chrysanthemums. See our display adv. in this issue for prices on all the best varieties.
C. C. Pollworth, Milwaukee, Wis.

75 Bonnaffon, 75 Alice Byron and 75 Maud Dean mum stock plants, 5c each.
L. J. Reid's Greenhouses, Ft. Morgan, Colo.

Stock plants, Golden Glow and Pacific Supreme, 5c. W. H. Vance, Wilmington, Del.

Golden Glow stock plants, $1.00 per doz.; $5.00 per 100. Peirce Bros., Waltham, Mass.

Chrysanthemum stock plants, Monrovia and October Frost, 3c. Elva R. Davis, Ionia, Mich.

Chrysanthemums, field clumps. Pompons, 4c; singles, 8c. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cineraria hybrida grandiflora, Columbian and Bauscher's Royal mixture, dwarf, giant flowering; strong plants, 2¼ and 2½-in., $2.00 per 100. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, large flowering, dwarf prize, 2½-in. pots, $2.00 per 100. Cash.
E. Fryer, Johnstown, Pa.

Cinerarias, large strong plants, ready for 4-in. pots, $4.00 per 100. Cash.
Addems, Morgan & Co., Paxton, Ill.

Cinerarias, 2½-in., ready to shift, $3.00 100.
J. Bader, 43 Ravine St., Pittsburg, N. S., Pa.

Cinerarias, extra fine, 3-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Cinerarias, 2¼-in., $3.50 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

CLEMATIS.

Clematis, large flowering, red, white, purple and blue, nice stock, 25c; $2.00 per 10.
Clematis paniculata, profuse white, hardy, ornamental, fragrant and reliable in every way; a large stock of very fine plants, $1.00 per doz., $6.00 per 100, $50.00 per 1000.
F. A. Baller, Bloomington, Ill.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus rooted cuttings, clean, well rooted. Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000. Fine for stock plants. Cash.
Rudolf Nagel, Lancaster, Pa.

Coleus, 20 best varieties, rooted cuttings, 60c; 2½-in., $2.00 per 100.
Curtis Floral Co., Hampton, Iowa.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CYCLAMEN.

Cyclamen giganteum superbum, new English strain, larger flowers than any others, 10 varieties; also Rococo, in all colors, 4 strains of the new salmon shades, the new fringed, all that is best, 3-in., ready for a shift, $7.00 per 100.
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Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

CYCLAMEN—Continued.

Cyclamen, fine stock, 2½-in., $5.00; 3-in., $8.00 and $10.00; 4-in., $12.00, $18.00, $25.00; 5-in., $35.00 and $50.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen giganteum, mixed colors, 3-in., $6.00; 4-in., extra strong stock, $15.00. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, extra well grown and budded plants, from 4-in. pots, $15.00; 5-in. pots, $25.00 per 100. Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, nice stock, transplanted on benches, $3.00 per 100. Cash. Mail or express, charges prepaid.
E. Fryer, Johnstown, Pa.

Cyclamen persicum giganteum, large flowering, all colors, 3-in., $5.00 per 100; 4-in., $10.00 per 100; 5-in., $15.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cyclamen persicum giganteum, 4 colors, strong 3½ and 5-in., $8.00 and $20.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Cyclamen, best giant strain, 5 separate colors or mixed, strong, stocky plants, from 3-in., 7c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Cyclamen, large flowering giganteum, 3-in., $4.00 per 100. Samuel Whitton, Utica, N. Y.

Cyclamen giganteum, mixed, 3-in., 7c; 4-in., 10c. M. M. Lathrop, Cortland, N. Y.

Cyclamen giganteum, mixed, 2-in., 3c.
H. Klahr, Schoharie, N. Y.

DAHLIAS.

Dahlias. Jack Rose, Fringed Twentieth Century, Rose-pink Century and Big Chief, $3.50 per doz., $25.00 per 100. Virginia Maule, $4.00 per doz., $35.00 per 100. Write for special prices on best standard cut flower dahlias. Peacock Dahlia Farms, Williamstown Junction, N. J.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

Dahlias. Have a surplus of the following varieties, field clumps: Gen. Buller, Queen Victoria, Catherine Duer, A. D. Livoni, H. Lyndhurst, Camelliaeflora, 75c per doz.; $5.00 per 100.
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Dahlias, field-grown clumps, will divide in 3 to 5 eyes, and will make 3 to 5 plants in the spring; Catherine Duer, fine red, and Clifford Bruton, fine yellow, $5.00. Cash.
Ralph Hornor, Mt. Holly, N. J.

Dahlias. 300 large, field-grown clumps, fine varieties, $9.00 per 100; $25.00 for the lot.
Eschrich & Kaufman, North Milwaukee, Wis.

Dahlias, choice named varieties. Special prices on application.
Mosbæk Greenhouse Co., Onarga, Ill.

Florists' vars. of dahlias, cheap. Also gladiolus. C. H. Ketcham, N. S. D., South Haven, Mich.

DAISIES.

Daisies, bellis, double white and pink, $2.00 per 1000. California Giant, winter flowering, white and yellow, 2½-in., $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Paris daisies, yellow and white, 2-in., 1½c. Snowball and Longfellow, $2.50 per 1000. P. daisy, Etoile d'Or, rooted cuttings, 1c. Cash.
Byer Bros., Chambersburg, Pa.

Hardy daisies, Chrysanthemum maximum, better than Shasta. Strong divisions of same, $3.00 per 100; $25.00 per 1000.
W. A. Finger, Hicksville, N. Y.

Daisies, white, pink and mixed, strong plants, $2.50 per 1000.
Eden Nurseries, Port Allegany, Pa.

Double daisies or bellis, mixed, $2.50 per 1000. U. G. Harglerode, Shippensburg, Pa.

DRACÆNAS

Dracaena indivisa, 3-in., 5c; 4-in., 12c. Fine, field-grown stock, ready for 5 and 6-in. pots. Special prices on application.
Mosbæk Greenhouse Co., Onarga, Ill.

Dracaena indivisa, 2-in., ready for 3-in., $2.50 per 100; 3-in., good, strong plants, $4.00 per 100. Cash.
P. N. Obertin, 567 Chicago St., Kenosha, Wis.

Dracaena indivisa, field-grown, for 5-in. pots, much stronger than pot grown, extra fine, $6.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

FERNS.

500 Whitmani ferns, for 5, 6-in. pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Ferns for dishes, assorted varieties, 2¼-in., pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

FERNS FOR FERN DISHES, best stock, largest assortment: 2¼-in., $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000; 4-in., $12.00 per 100, $100.00 per 1000.
FERN SEEDLINGS, in 10 best fern dish varieties, strong healthy stock, ready for potting, $1.25 per 100; $10.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.
ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.
Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
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Ferns. Whitmani, Elegantissima and Piersoni, 4-in., $15.00 per 100. Amerpohlii, 3-in., 10c; 4-in., 20c. Extra fine Superbissima, 5-in., 50c. This is the finest new fern we ever tried. Our stock is fine.
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Ferns. Place your order now for ferns, largest stock and prices lowest considering quality. Whitmani, Elegantissima, Boston, Barrowsii and Piersoni, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
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Amerpohlii ferns, 3-in., 10c; 4-in., 20c; 5-in., 40c; 6-in., 70c; 7-in., 85c. Piersoni, 4-in., 15c; 5-in., 25c; 8-in., $1.00. All good stocky plants. 4-in. plumosus, $15.00 per 100.
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100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
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Ferns. Elegantissima and Scottii, 2¼-in., 5c; 3-in., 10c; 4-in., 15c. Whitmani, 2¼-in., 5c. Boston and Piersoni, 3-in., 8c; 4-in., 12½c.
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Ferns. Boston and Barrowsii, from bench, for 5-in. pots, $15.00 per 100; Barrowsii, 5-in. pots, extra heavy, $20.00 per 100. Cash.
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Ferns. Boston, Scotti, Whitmani, Piersoni rooted runners, $1.50 per 100, $12.00 per 1000; 250 at 1000 rate. Cash.
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Boston ferns, very strong, 4-in., $20.00; 5-in., $30.00. Kemble Floral Co., Oskaloosa, Iowa.

Ferns, assorted, for dishes, 2½-in., $3.00 100.
McRae-Jenkinson Co., Cheswick, Pa.

Ferns. Whitmani, 4-in., $15.00 per 100.
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Forget-me-nots, hardy, blue; fine plants, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

1000 forget-me-nots, winter flowering, blue, in 2½ and 3-in. pots, $2.50 per 100. Cash with order. R. Pritchard, Astoria, L. I., N. Y.

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Finest double fuchsias, dwarf habit. Strong and well rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash.
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Genistas, strong 4-in. stock, $15.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

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100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted, $1.25 per 100; $12.00 per 1000.
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Geranium rooted cuttings. Miss Kendall, dark cerise shading to scarlet in center, good bedder; scarlet mixture of double Grant, Doyle and Henderson. Mixed varieties of the above and other colors, good standard varieties, mostly red. Top cuttings from field-grown stock, $1.00 per 100.
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Geraniums. I want your trade. A trial order will convince you that my cuttings are grown to give you good plants. S. A. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000.
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Geraniums, September struck, from 2½-in. pots. 700 Marvel, 400 Jean Viaud, 400 Buchner, white, 400 B. Poitevine, $2.00 per 100. Clean, stocky goods that will suit you.
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Geraniums. Rooted cuttings of S. A. Nutt, dble. Grant, Mme. Buchner, Perkins, $1.25 100, $10.00 1000; 4000 2½-in., $2.50 100; 3000 4-in., $5.00 100. Excellent stock.
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Geraniums. Buchner, Poitevine, Jaulin, Nutt, Chas. Gervais, Henderson and Montmort rooted cuttings, $1.25 100; $12.00 1000.
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Geraniums, 2½-in., $2.00 per 100. Leading varieties in any quantity. Delivery when you want them. Order now. Write.
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Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
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Geraniums. Strong, well rooted top cuttings of S. A. Nutt and Mme. Buchner, $10.00 per 1000. Cash with order.
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Geraniums, S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt, 2½-in. pots, strong and vigorous, $2.25 per 100; $20.00 per 1000.
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S. A. Nutt geraniums, 2½-in., ready for shift, $2.25 per 100; $20.00 per 1000. Cash.
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100,000 gladioli, $4.00 to $7.00 per 1000, if taken from the field. Silver Trophy, Sec. 2, Groff's hybrids, mixed seedlings and named sorts. Also small bulbs and bulblets cheap. Send for lists.
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SURPLUS STOCK of choice named gladioli. Also bulbs and bulblets from my private collection at bargain prices.
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Who knows where I can buy a few Niagara gladioli?
Address No. 50, care Florists' Review, Chicago.

Gladioli, good stock, price right on fall delivery. S. Huth, Cuyahoga Falls, Ohio.

Augusta gladiolus, all sizes. Also dahlias.
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Dark heliotropes, 3-in., fine stock, 4c.
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HOLLY.
Have 6 years' experience in packing holly. Parties wanting choice Virginia holly can have their wants supplied by writing
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BOX HOLLY. HOLLY WREATHS.
Selected box holly. Holly wreaths made to order. Write me your requirements.
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Holly wreaths. Box holly. Holly wreaths a specialty, in large and small quantities. Selected box holly. Write for prices.
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Hollyhocks, 4 colors, 1st size, sure to bloom, 2c; 2nd size, 1c. Cash. 10% disc. on all plants now. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

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Double hollyhocks, 6 separate colors, $15.00 per 1000. Large, one year roots.
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Hydrangea Otaksa, field-grown, strong, well shaped plants. Pot now for Easter blooming. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c; 4-crown, 12c; 5-crown, 15c; 6-crown, 18c; 7-crown, 20c; 8-crown and over, 25c.
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Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
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GERMAN IRIS, colors purple and cream, 75c per doz.; $5.00 per 100.
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Iris hexagona, $3.00 per 100; $20.00 per 1000.
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Iris, Japanese, 50 varieties, $3.00 per 100.
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Iris, all types. Very select list.
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Lantanas, 4 kinds, fine, 2-in., 1¾c. Cash. 10% discount on all plants now. List.
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1000 lilacs, strong, for forcing; best varieties, 5 to 8 canes, 30c; 9 to 15 canes, 40c.
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Lily of the valley, Bruns' celebrated Chicago Market brand, for Xmas forcing, order now, $15.00 1000; $1.75 100. Berlin pips, early forcing variety, $1.50 100; $13.00 1000.
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Lily of the valley, field-grown, $1.00 per 100 by mail; $6.00 per 1000.
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20,000 cut-leaved weeping birch, all sizes. Write for cash price on size and number wanted.
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Black walnuts for planting, 25c per bushel.
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Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

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Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
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15 large, fine headed dracaenas, perfect form, splendid for theater or hall decorations, will stand 10-in. pots or small tubs. How much am I offered?
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This is the way we select our seed plants. If a plant, in the field, produces a bloom three inches or more in diameter and of fine texture, form and color, we stake it and, if the second bloom equals or exceeds it, we transfer to the seed beds. We want you to try these thoroughbreds, grown from our own seed. 100 plants, 50c; 1000 plants, $4.00. Cash.
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Brown's extra select, superb, giant, prize pansy plants, the best improved strain on the market, for size and colors unsurpassed. Fine, stocky plants, $2.50 per 1000; $20.00 per 10,000. Cash with order.
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PANSY PARK PERFECTION is the best strain of giant show and fancy pansies. It is the result of many years of breeding and selection and contains every variety worth growing; flowers of the largest size, perfect in form and texture and of an endless variety of rich and rare colors and markings. I have a very large stock of fine, field-grown plants, just right for transplanting, from specially selected seed, sown thinly, broadcast, so that each plant has plenty of room to grow stocky and strong, with extra good roots. All colors mixed, $3.00 per 1000; 500, $1.75; 5000, $14.00; 10,000, $27.00; 25,000 or more at $2.50 per 1000; 250, by mail prepaid, $1.25. Cash with order. The growing of pansy seeds and plants a specialty for 36 years.
From C. H. Ward & Son, Winter Park, Fla.—"Pansy plants came in first-class shape and extra fine. Thank you for such GOOD PLANTS AND GOOD COUNT."
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Stocky, heavily rooted pansy plants, field-grown, mixed giants, $2.50 per 1000; 3000 or more, at $2.00 per 1000. Eden's Royals, the finest cut flower and exhibition pansies, 80c per 100; $6.00 per 1000.
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Sweet scented strain of real Imperial Giants. Stocky, heavily rooted, field-grown, the finest cut flower and exhibition pansy, 40c per 100; $3.50 per 1000.
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Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
Gustav Pitzonka, Pansy Farm, Bristol, Pa.

150,000 pansies, finest mixture of real giants. Strong, stocky plants, $2.50 per 1000, $10.00 per 5000; also 5 separate colors, $3.00 per 1000, $12.00 per 5000. Cash.
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50,000 GIANT PANSIES, as fine lot of plants as I ever saw, from the best mixture of seeds I could buy, ready now, $2.00 per 1000.
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Giant pansies, mixed, $2.00 per 1000. Cash. 10% disc. now on all plants. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Pansies. Finest English, French and German prize strains, $2.50 per 1000. Special prices in quantity. F. A. Baller, Bloomington, Ill.

Giant pansies, Bugnot, Odier, Cassier, Trimardeau, mixed, $2.50 per 1000; 2000, $4.00. Cash.
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Pansies, Sunbeam, the strain that is sure to please, $2.50 per 1000.
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Pansies of my well known strain, none better, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

Pansies, giant flowering, $2.50 per 1000. Cash.
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Pansies, fine plants, $2.50 per 1000. Cash.
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Pelargonium rooted cuttings, 15 varieties, $2.50 per 100. Express prepaid.
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Peonies. Extra strong stock that must be sold to clear land. 2000 Q. Victoria, 2000 Dunlap, pink, 1000 Late Rose, Tricolor, A. Laurles, and good mixed sorts. Orders not calling for more than one-half of Q. Victoria will be filled for $5.00 per 100. Cash.
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PEONY MONS. DUPONT.
And 90 others.
For fall planting. Send for free price list of phlox, iris and peonies.
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Peonies, 20 superb varieties, 6 to 10 eyes, $1.75 per doz., $12.00 per 100; 3 to 5 eyes, pink, white, and red in equal proportion, $1.00 per doz., $6.00 per 100.
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SPECIAL OFFER. Peonies, 10 choice named kinds, all colors, early and late, $1.00 doz., $6.00 100; $55.00 1000.
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Peony list ready. Write for one today. Standard varieties. Prices right.
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Peonies, 1200 sorts, big stock. Send for list. Largest collection anywhere.
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Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

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Dreer's double petunias, mixed, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Petunias, dble., rooted cuttings, $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

PETUNIAS—Continued.

Dreer's double petunias, the best of selected large flowering doubles, finely fringed, mixed colors, rooted cuttings, $1.00 per 100; $9.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Petunias, single, fine, 2-in.; Howard's Star, Rosy Morn, Dwarf Snowball and seedlings, $1.75 per 100; $16.00 per 1000.
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Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

Petunias, all the good ones. See display adv.
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HARDY PHLOX.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100; $10.00 per 1000. All field-grown stock. Cash or reference.
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Poinsettias, 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $100.00 per 1000; 5-in., $20.00 per 100, $175.00 per 1000; 6-in., $25.00 per 100, $200.00 per 1000.
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Primula sinensis, the very choicest imported large flowering, fringed, in separate colors and our royal mixture; alba magnifica (the queen of whites); rosea magnifica, the giant delicate pink; Kermesina, brightest red; Cheswick, the most dazzling of all reds, and our royal mixture, proportionately in all colors and mixed; very strong stock, 3-in., $4.00 per 100, $35.00 per 1000; 2½-in., mixed, $2.50 per 100. Obconica gigantea rosea (the new beauty), fimbriata, bright rose; Royal grandiflora, mixed, strong stock, 2½-in., $2.50 per 100, $20.00 per 1000; 250 at 1000 rate. Cash.
FREEPORT FLORAL CO.,
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Primula chinensis, fine, strong, healthy stock from 2½-in., ready for 4-in., in the following varieties: Dble. white and rose, Duchess, white, English rose, giant salmon, extra dark red (fine for Christmas); Stellata, white and pink, $3.00 per 100. To every order I will add a few of my new auricula flowered strain gratis.
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Primula obconica, mixed colors, 2¼-in., $2.00 per 100, 200 for $3.00, 400 for $5.00; 3-in., $3.00 per 100, 200 for $5.00, 500 for $10.00. Chinese and obconica, 4-in., $6.00 per 100, 200 for $10.00.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primroses, Chinese and obconica, fine plants for Christmas blooming, 4-in., ready to shift, $6.00 per 100; 3-in., $2.50 per 100; 2¼-in., $1.50 per 100. Samuel Whitton, Utica, N. Y.

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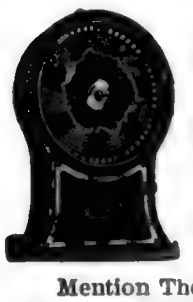
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My house has sixteen inches of glass in the sides. I have thought of making the sides double glass, with a 1-inch air space between, thinking by doing so to keep out cold. Is that advisable and has the plan any defect? Will double glass burn foliage? W. F. T.

For a house as small as the one described, it will be much easier to put in extra radiation to give the required heat, rather than to change to a steam boiler.

The use of double glass in the side walls would, of course, result in the saving of some heat, but, on the other hand, soot and dirt soon collect on the inside of the glass and, as a result, nearly as much sun heat is lost as is saved by the use of double glass.

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Please give me your advice in regard to heating my residence with hot water radiation from my greenhouse boiler, which is a new Burnham and large enough. I have been considering two plans, one with the feed pipe underground and the other with the feed pipe overhead, passing through the open air for sixty-five feet. I should prefer the underground idea if it will work. If you are positive that the underground method will not work, then please suggest the best way that is possible. E. A. M.

It would be possible to carry the flow pipe underground, provided the radiators in the dwelling are not less than six feet above the top of the boiler. The main should be carried just beneath the surface, covering it with asbestos packing and then enclosing it in a large sewer pipe. The amount of radiation required in the dwelling is not stated, but a flow and a return larger than 1½-inch will surely be required. Even a 2-inch flow would not handle much more than 100 square feet of radiation, aside from that in the main and flow pipe. By using a 2½-inch flow pipe, it would be possible to supply 200 to 250 square feet of radiation.

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Please inform me which of the following fuels, at the prices quoted, would be most economical to use: Hard coal, anthracite, at $6.75 per ton; smokeless coal, Pocahontas or Missouri River, at $4.25 per ton; soft coal, Pittsburg, at $3.75 per ton; splint coal, white ash, at $4 per ton; gas coke, crushed, at $6 per ton. W. E. F. W.

A definite answer to this question cannot be given, as not only is there a great difference in the coal from different mines, but it varies in different parts of the same mine. Moreover, a coal which gives good results in one boiler might be found far from economical in another.

In a general way it can be said that Pocahontas coal contains about ten per

EMERGENCY PIPE CLAMPS



To repair splits and rust holes on pipe. Made of malleable iron, and guaranteed to stop the leaks.

Send for catalogue of

Pipe Repairs and Steam Specialties

JAMES McCREA & CO.

Manufacturers

558-560 Washington Blvd., CHICAGO

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THE SUPERIOR

GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of

GRATE BARS

both rocking and stationary

Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.

Send for catalogue and prices.

Superior Machine and Boiler Works

840-850 West Superior St., CHICAGO

L. D. Phone, Monroe 1008.

Mention The Review when you write.

BUY THE

Taylor Automatic RETURN TRAP



AND SAVE MONEY

Write for our Guarantee and Best Prices

TAYLOR STEAM TRAP CO.

BATTLE CREEK, MICH., U. S. A.

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Always Mention the....

Florists' Review

When Writing Advertisers



WILKS HOT WATER BOILERS

Have NO CAST IRON sections to crack. They are made of heavy boiler plate and are fully guaranteed.

NO NIGHT FIREMAN REQUIRED

With the Wilks Self-feeding Hot Water Boilers

Keep an even and continuous fire for ten hours and longer without any attention

Very Economical in Fuel

PLYMOUTH, Richland Co., O., Sept. 27, 1904.
GENTLEMEN:—I have had one of the S. Wilks boilers in my establishment for nearly four years and am a most enthusiastic admirer of the same. Yours truly,
FANNIE E. CASE.

SEND FOR OUR CATALOGUE AND PRICES

S. WILKS MFG. CO., 3523 Shields Avenue, **Chicago**

Mention The Review when you write.

cent more heat units than a good quality of Pittsburg coal, and this, in turn, will be found to be worth about ten per cent more than a good grade of Ohio coal. As a rule, the Pocahontas coal requires a considerably larger grate than a quick burning Pittsburg coal, and both will require more frequent attention than the furnace size of hard coal. For a small plant, under ordinary circumstances, it is generally found advisable to use hard coal, even though it may not contain more heat units. Even at the prices mentioned, the hard coal should probably be chosen where one does not have more than 3,000 to 5,000 feet of glass and the houses are heated by hot water. Gas coke would be found even more expensive than the coals mentioned.

ST. LOUIS.

The Market.

The cut flower business showed little improvement last week, some saying that it was quite dull the greater part of the week. There was a great improvement in the wholesale market as far as stock was concerned. Everything was plentiful and a great deal of stock in roses, carnations, small mums and violets was dumped, as the demand, both local and shipping, was small.

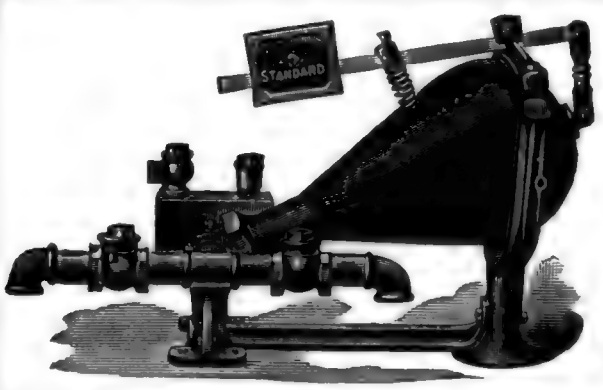
The uptown florists bought considerable of the first-class stock for show work in mums, Beauties and carnations. The downtown florists bought a lot of the second and short stem stock, which sold at low prices, such as, roses 25 cents per dozen, carnations 15 cents, and violets at 5 cents per bunch.

There is now some fine stock on sale, of all the seasonable flowers and plants, and at prices within reach of anyone; still few buyers were seen. There are some nice chrysanthemum blooms of Bonnaffon, both white and yellow; plenty of all kinds of roses, with extra long stems in Beauties, more than enough carnations, and a glut of vio-

Is the circulation in your gravity return sluggish, or is the pump giving trouble? It's never too late to install

"Detroit" Return Traps





The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

E. HIPPARD, Youngstown, Ohio

lets, some selling as low as $2 per thousand. The same may be said of greens, there being as much of it as anyone wants.

Club Meeting.

The Florists' Club held its regular monthly meeting Thursday afternoon, November 11. The attendance at this meeting was the largest in the history of the club, and when President Windler called the meeting to order there were sixty-five florists present.

Gustave M. Grossart, of Belleville, Ill., made application for membership.

As there were a large number of visiting florists present, the chair declared a recess, for a few minutes, to become acquainted with the visitors. After recess, the chair called upon F. J. Ammann to read his paper on "What the Wholesaler, Retailer and Grower Derive from Flower Shows," which was declared by those present to be one of the best papers ever read at a club meeting.

The chair then requested C. DeWever to present a paper to his own liking, at the next meeting, which Mr. DeWever agreed to do.

The report of the treasurer showed that the club is well supplied with funds to carry out the plans for the fall and winter meetings, each meeting to have a social feature of some kind.

The trustees reported that they had arranged for a smoker and lunch at the new Knickerbocker cafe at the close of the meeting. On entering the banquet hall the entire body of sixty-five were seated at a T-shaped table, which was handsomely decorated with roses and carnations. After the innerman had been satisfied, President Windler announced that J. F. Ammann would be toastmaster for the evening. Mr. Ammann then called upon all the visitors at the head table. Those who spoke were W. W. Coles, S. S. Skidelsky, J. A. Peterson, J. J. Karins, I. C. Bertermann and Joe Hill. Ex-presidents Young, Halstead and Fillmore also gave good talks. Two large automobiles, that were in waiting, then took the entire party to the Coliseum, where the flower show was being held, and the rest of the evening was spent among the plants and flowers. The next meeting of the club comes December 9, and the officers are looking for another large attendance.

Various Notes.

C. H. Perkins II, of Jackson & Perkins, Newark, N. Y., was a recent visitor. Mr. Perkins says that he had a pleasant stay and a good trade in his line.

There were a great many trade visitors in the city last week.

The thirty-sixth annual convention of the Horticultural Society of Southern Illinois will be held November 23 and 24 at Vienna, Ill. A. S. Halstead, president of the St. Clair Floral Co., of Belleville, Ill., is booked for a discussion on "Cross Pollenization," and Mr. Dintelmann, also of Belleville, is down for a discussion on "Beautifying the Home."

William C. Young and his nephew, Charlie, say they are much pleased with the result of their entries at the flower show. Their table and mantel decorations, and their bridal bouquet, were tastefully arranged and showed good workmanship, and their floral display of four pieces, the last day, was beautifully worked up.

Fred Lautenschlager was with us last week in the interest of Kroeschell Bros., Chicago. He is quite popular with the

CAPITOL BOILERS

EASY TO HANDLE



That's one good reason why Capitol "Divided Sections" are so popular.

A very good reason, too, when you consider that this means a saving of labor.

Keep this in mind when considering your new boiler.

Catalogue.

United States Heater Company.

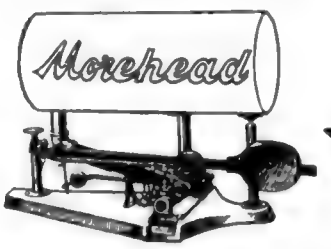
General Offices and Works, Fort Street and Campbell Avenue, DETROIT, MICH.

BRANCHES:—New York, 129 Worth St. Chicago, 34 Dearborn St. Omaha, 916 Farnam St. Detroit, 139 Jefferson Ave. Kansas City Office, 413 N. Y. Life Bldg.

SALES AGENCIES:—Minneapolis, Minn., Plumbing & S. F. Supplies Co. St. Louis, Mo., L. M. Rumsey Manufacturing Co. Denver, Colo., Kellogg & Stokes Stove Co. Duluth, Minn., Duluth Plumbing Supply Co.

Mention The Review when you write.

See That YOUR Steam Trap is a



THE **Morehead** is the **Standard** Trap in the Florists' field. There are more **Morehead** Steam Traps installed in greenhouses than of all other types of traps combined. To be a **Morehead** user is to be a thoroughly satisfied user. Write for trial proposition and ask for "**Trap Book.**"

MOREHEAD MFG. CO., Dept. M, Detroit, Mich.



IMICO

Hot Water Boilers

Made by

ILLINOIS MALLEABLE IRON CO.

1801-1825 Diversey Boulevard

CHICAGO

Are noted for coal economy and good results generally

SEND FOR CATALOGUE

Mention The Review when you write.

trade here, and is always a welcome visitor.

It was estimated that nearly $2,000 was spent with florists for floral offerings on the opening day of the new Mechanics National Bank. Designs of every description and great bunches of Beauties and chrysanthemums filled every available space.

George Ostertag is back at his work as superintendent of parks, as Park Commissioner Scanlan has returned from his southern trip.

Ostertag Bros. put in a busy week decorating. They furnished the reception, at the St. Louis Club, to the Japanese commission. This was a large affair and used up a lot of stock. J. J. B.

BALTIMORE.

The Market.

We have been having charming autumn weather, with the customary stimulating effect on the trade. Material has been fairly abundant and of fair quality, and was easily moved. Saturday night, November 13, found all stock pretty well cleaned up without much pressure. There was a large amount sold on the streets that was of the poorest quality seen in years.

This week has seen some of the best roses so far this season. Bride, Bridesmaid and Chatenay are good. Killarney is gaining in popularity every day on account of its splendid keeping qualities. Carnations are improving wonderfully. Enchantress bids fair to again attain the popularity of last season. Violets are showing up fairly well, but the weather is almost too warm to expect anything extra just at present. Any number of cyclamen can be seen just now in the windows, and find a ready sale. Ferns are selling well, especially the ones in 6-inch pans.

Various Notes.

Henry Eichholz, of Waynesboro, Pa., was a visitor Saturday, November 13, after paying a visit to the Washington flower show.

Philip B. Welsh, of Glen Morris, Md., had some extra fine Alvina carnations on display at the Gardeners' Club November 8. G. A. Lotze, of Glenburnie, also had some fine Golden King mums on display at the club meeting.

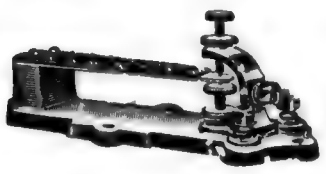
A large number of the florists went over to Washington Tuesday, November 9, to see the mum show, which was considered the best ever shown there. Q.

WOBURN, MASS.—Joseph Farrell, at School and Merrimac streets, has let the contract for a new greenhouse.

DO YOU KNOW ABOUT THE
Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO. 288 Dearborn St. CHICAGO
Mention The Review when you write.

Steel Return Tubular Boilers
The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.
JOHNSTON HEATING CO.
138 E. 31st St., NEW YORK

No More Ruined Stock
No More Sleepless Nights



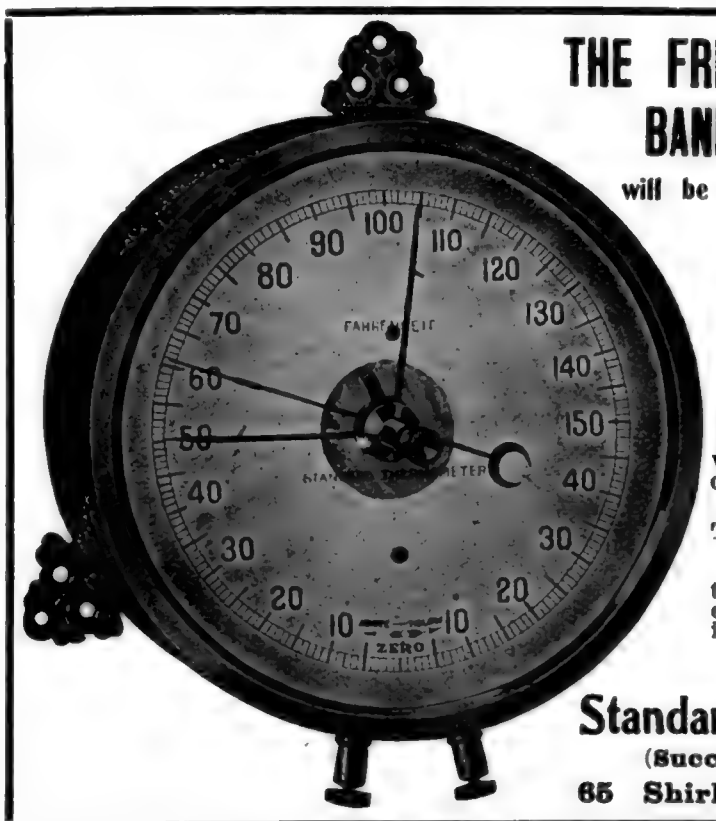
This little ADJUSTABLE THERMOSTAT does the work. Set the instrument at the minimum temperature wanted. It will ring a bell at the head of your bed when that temperature is reached.

Loyd C. Bunch, of Fredonia, Kan., writes: "I have used this kind of Thermostat four years and it has never failed. I set it at the minimum temperature I want, and go to bed and sleep soundly until my bell at the head of my bed wakes me."

Complete outfit, only $2.50

Includes Thermostat, alarm bell, 2 dry battery cells, 150 ft. insulated wire, switch, tape and staples. Full instructions for installation with each outfit. Anybody can put it up.

Manhattan Electrical Supply Co.
188 Fifth Ave., CHICAGO, ILL.
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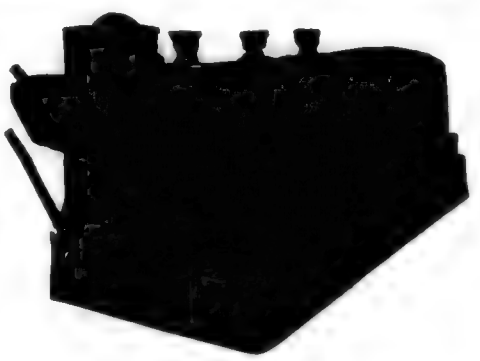


THE FREEZE-OUT THAT BANKRUPTS THE FLORIST
will be avoided by those who have our
STANDARD
THERMOSTAT
STYLE 1
Diameter, 6 in. Price, $5.00 each
It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.

MENASHA, WIS., Jan. 9, 1909.
THE PARKER MFG. CO.,
Boston, Mass.
GENTLEMEN: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.
Yours very truly,
JOS. B. FROEHLICH.

Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS
Mention The Review when you write.

THE KROESCHELL BOILER
IS THE ONLY PERFECT
Hot Water Boiler
Not Cast Iron
Has thin waterways. Heats quickly. It is the most efficient, safest and most economical boiler built. **Very powerful.** 15 sizes, heating from the smallest greenhouse up to 50,000 square feet of glass to 60 degrees, at 15 degrees below zero.
Prices and catalogue on application.



KROESCHELL BROS. CO., 444 Erie St., CHICAGO

Always Mention the....
Florists' Review
When Writing Advertisers

Electric Hose & Rubber Co., WILMINGTON, DELAWARE



Manufacturers of RUBBER GARDEN HOSE by a new and improved process. Made in any continuous length. Vulcanized under pressure. Made with seamless braided fabrics. Cannot possibly unwrap or separate between plies. Great strength and durability. Will not kink.

THE ORIGINAL CHICAGO ELECTRIC HOSE

NOT THE CHEAPEST, BUT THE LEAST EXPENSIVE. **FOR SALE BY ALL SUPPLY AND SEED HOUSES.**

Mention The Review when you write.

NEW ORLEANS.

Current Comment.

Reporting about the business done during the last All Saints' day is a hard matter, so many different opinions being heard. It is a fact, however, that the flowers were quite plentiful, coming from all directions. The quality was also better than in any previous year. The growers of the Mrs. H. Robinson, white, protecting it either by glass sashes or by cotton cloth, have improved its culture so that it is really the best chrysanthemum of all offered at this time. This flower is in the best of condition to be handled and superior to any soft stock grown in the greenhouse. Plenty of our home-grown flowers were sold for $5 per dozen.

What should be remembered, and not lost sight of by old growers or future ones, is that the demand for chrysanthemums is almost limited down here to that one occasion. We want still better quality, but not a quantity which cannot be disposed of at a paying price. If everyone would take that into consideration, there would not be a large surplus on the market, to be offered at the last hour at a very low figure.

Business is improving. There is a good demand for roses to plant. Our gardens have been at no time of the year so much loaded with flowers of all kinds.

Jules Fonta, for many years superintendent of Audubon park, has tendered his resignation. Mr. Marshall has been appointed as his temporary successor.

The damage done to Horticultural hall during the last storm has not yet been repaired.

Mr. Sanders, of McGregor Bros. Co., Springfield, O., was in town.

M. M. L.

MANKATO, MINN.—The Windmiller Co. rented the Mankato theater for a flower show this week, November 16 to 18. An admission fee was charged, 25 cents in the afternoon and 50 cents in the evening, when there was an orchestra. No stock was sold, though orders were taken.

WALLA WALLA, WASH.—The Walla Walla Foral Co. is building two new greenhouses at Meador park, near this city. The houses are 34x200, with concrete walls and iron tubing frames. The concrete extends to within two feet of the eaves, above this being glass. A new residence, headquarters for the superintendent, is being erected near the greenhouses.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.

Mention The Review when you write.

GROWERS' SUPPLIES Write for Prices

WILSON PLANT OIL AND FERTILIZER CO., Chatham, N. J.

Mention The Review when you write.

NOXALL

Our own private brand of

Greenhouse Hose

Do you think we would put our name on it if we felt it was anything less than the best?

You can't beat it.

Write for circular, sample or price.

E. H. HUNT, 76-78 Wabash Ave. CHICAGO

Mention The Review when you write.

MASTICA



USE IT NOW.

F.O. PIERCE CO.
P. O. Box 294
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty.

LASTS LONGER THAN PUTTY
EASY TO APPLY.

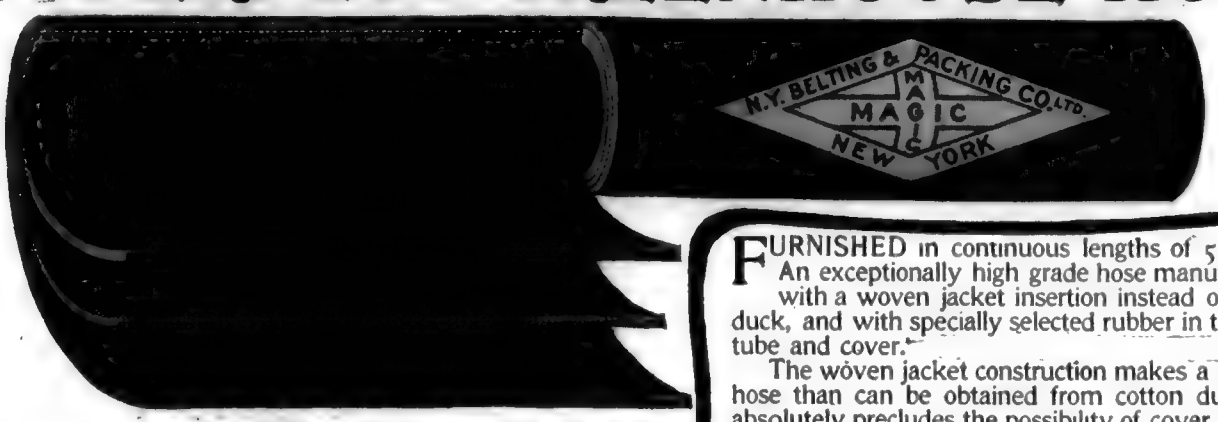
MACON, GA.—A beautiful floral design, for the funeral of Dr. R. L. C. White, of Nashville, Tenn., was recently made by the Idle Hour Nurseries, of this city. It was nearly three feet high and represented the coat of arms of Georgia, with appropriate wording, and made a most beautiful and artistic design.



Awarded diploma and medal, 1907, for the celebrated
Shower Maker, $1.00
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopcsay, South Bend, Ind.

Always Mention the Florists' Review when writing advertisers

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine
FOR SPRAYING

FUMIGATING PAPER
FOR BURNING

Fumigating Powder
FOR SLOW BURNING

DUSTING POWDER
FOR VEGETABLE GROWERS

You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT

76-78 Wabash Ave. CHICAGO.

Mention The Review when you write.

SAP SUCKERS

We have found your Tobacco Powders, both The Fumigating and The Dusting Kind, to be the best destroyer of all kinds of sap sucking insects.

Wm. Schlatter & Son,
Springfield, Mass.

Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder



Not genuine without it.

All *our* bags have our guarantee tag on the bag, reading "Satisfaction or Money Back," and this trade mark

$3.00 per bag 100 lbs.

It costs 15 cts. to thoroughly fumigate a house 100 x 25.

We sell direct to the grower.

Used it For Years and Says:

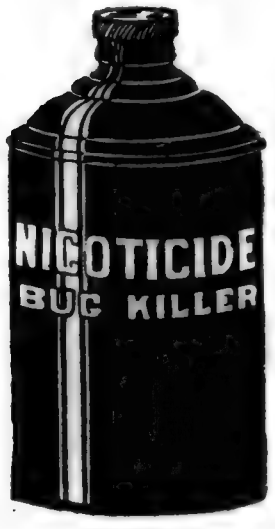
I know of nothing better for Fumigating than The Fumigating Kind Tobacco Powder.

John E. De Walt,
Carlisle, Pa.

The H. A. Stoothoff Co

Mount Vernon, N. Y.

Mention The Review when you write.



THE BEST Bug Killer and Bloom Saver

Drop us a line and We will prove it

P. R. PALETHORPE CO.

Dept. A

Owensboro, Ky.

Always Mention the Florists' Review when writing advertisers

GOOD'S Caustic Potash Whale Oil SOAP No. 3

Best for spraying trees, plants, shrubs.
Protects berries, small fruits, flowers, grapes, cabbages, etc.

KILLS SAN JOSE SCALE

Sure death to all parasites and insects. Contains active fertilizers.
No salt, sulphur, mineral oils or other substances to harm soil or trees.
Endorsed by
U. S. Dept. of Agriculture.

JAMES GOOD, Original Maker,
965 N. Front Street Philadelphia

Mention The Review when you write.

Peerless Sulphur Blower

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

Mention The Review when you write.

KILMDEAD

The best of all the tobacco dusts for



Dusting or Fumigating

25 lbs., $1.00	100 lbs., $ 3.00	1000 lbs., $27.00
50 lbs., 1.75	500 lbs., 14.00	2000 lbs., 52.50

Stumpp & Walter Co 50 Barclay St., New York.

Always Mention the Florists' Review when writing advertisers.

GLEN COVE, N. Y.

The regular monthly meeting of the Nassau County Horticultural Society was held in Pembroke hall November 10. President Everett occupied the chair. There was a good attendance, though some of the most prominent members had gone to the C. S. A. show in New York. It is pleasing to note that J. F. Johnston, one of the members, was awarded a first prize at that show.

The treasurer, E. J. Brown, read a satisfactory report in connection with the fall show. He said the drawings were better this year than ever before, which goes to show that the Glen Cove public is yearly taking more interest in the doings of the society.

Vice-president J. Elmslie presented President Everett with two cups, won at the fall exhibition. One, presented by Mrs. Smithers for a collection of outdoor mums, has to be won three times. The other, presented by Mrs. H. L. Pratt for a collection of fruit, was won outright. Mr. Everett, before resuming his chair, showed his appreciation in a neat little speech.

Recording Secretary Gaut was presented with the Troy cup. This cup has to be won three times before competition for it closes.

As usual, there was a miniature show at this meeting. Messrs. Pettrocia, Fleishhaur, Reidenbach, Ador, Highton, Cleres, Reul, Macdonald and Wilson each received honorable mention for meritorious exhibits.

In the points competition Mr. Wilson staged three plants of Begonia Gloire de Lorraine, which were awarded 95 points; V. Cleres, vase of mums, 84⅓; P. Reul, vase of mums, 83⅓; H. Gaut, lettuce, 77⅓.

G. Gilder, of Glen Cove, and Wm. Kissner were elected to active membership.

The judges for the monthly competition were Messrs. Wettlin, Holloway and Elmslie. W. M.

LEBANON, PA.—The residence of Christian Yost was totally destroyed by fire on the night of November 6. One of the greenhouses was also wrecked and hundreds of plants were ruined. The fire was supposed to have originated in the heating plant, which was located in the basement of the dwelling house. There was no insurance.

It Works

E. H. HUNT, 76-78 Wabash Ave., Chicago.

Dear Sir:—The CHICAGO SPRAYER works admirably on small plants like pansies, and equally well for spraying roses. It has my approval. Very truly yours,

W. A. HARSHBARGER,
Supt. Washburn Campus.

Fine Quality Orchid Peat

25-bbl lots.....80c per bbl
50-bbl lots.....75c per bbl
100-bbl lots.....70c per bbl

Osmunda roots.

WM. MATHEWS, Utica, N. Y.

COLUMBIA PLANT TUBS

"PLANT FINE PLANTS IN FINE PLANT TUBS."



Made of Louisiana Cypress, never decay, never fall apart. Used, endorsed and highly recommended by nine-tenths of the seedsmen and florists throughout the United States.

THE ONLY PRACTICAL PLANT TUB MADE.



No. 1, Plain. Made in two styles—Five sizes each. No. 2, Fancy.

Natural varnish finish on the wood, or if wanted can finish them in oil paint, but to order only.	Each	Staves are varnish finish, cypress alternating with imitation redwood.	Each
12-in. diameter, by 11 -in. high	$0.60	12-in. diameter, by 11 -in. high	$0.90
15 " by 14 "	.90	15 " by 14 "	1.35
18 " by 16½ "	1.20	18 " by 16½ "	1.80
21 " by 18½ "	1.50	21 " by 18½ "	2.25
24 " by 20½ "	1.80	24 " by 20½ "	2.70

These prices are NET to the dealer.

H. F. ERLEBACH, 406 Indiana Ave., Hammond, Ind.

Mention The Review when you write.

Imported Scotch Soot

100 lbs. in double lined bags at $2.50 per bag; 5 bags for $11.25; 10 bags for $20.00.

ARTHUR T. BODDINGTON, SEEDSMAN 342 West 14th Street, NEW YORK

Mention The Review when you write.

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Pure and unadulterated, thoroughly sterilized and immediately available. Used universally as a quick acting natural plant food.

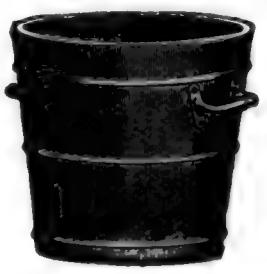
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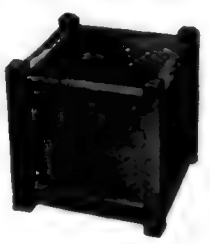
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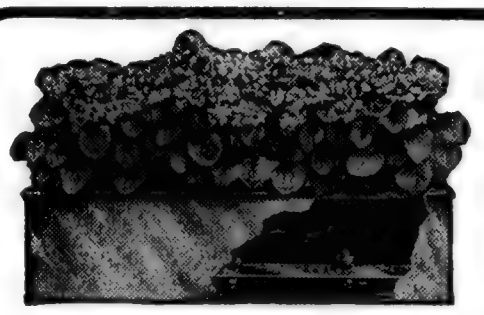
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SOUTH BEND, IND.

A finding in the suit of the Indiana Lumber & Manufacturing Co. against the South Bend Floral Co., the Citizens' Loan, Trust & Savings Co., Perkins Windmill Co., Charles E. Campbell and Charles M. Treanor was made in the circuit court November 10 by Judge Walter A. Funk. The Citizens' Trust Co. was given judgment of $7,035.77 on the first lien and the Indiana Lumber & Mfg. Co. the sum of $346.78 on the original complaint. The Perkins Windmill Co. was given $55, second lien, and Mr. Treanor on the complaint $667.75 with interest at six per cent from September 15, 1908, third lien. August Nugt, who was made co-defendant, at his request was given $30.

FORT WAYNE, IND.

All the florists are well pleased with the demand for flowers the last few weeks. The demand for carnations is greater than the supply.

W. J. Vesey and his wife spent several days in Chicago, attending the flower show. Mr. and Mrs. Vesey and their daughter, Margaret, the vice-president-elect of the L. S. A. F., have left for St. Louis, to attend the St. Louis flower show, intending to spend the entire week there. Mr. and Mrs. Maynard, of Detroit, met them at Fort Wayne, and rode through to St. Louis with them.

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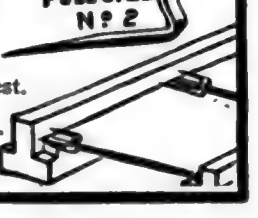
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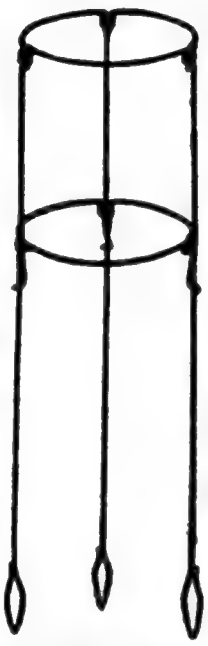
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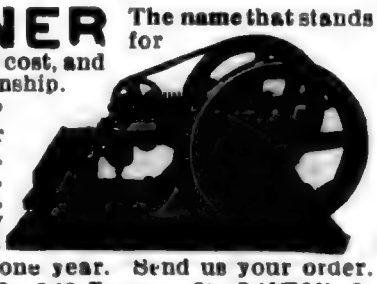
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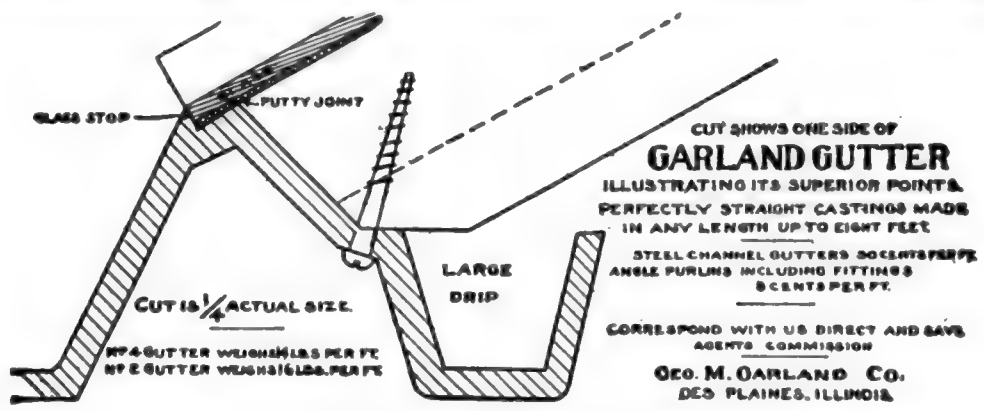
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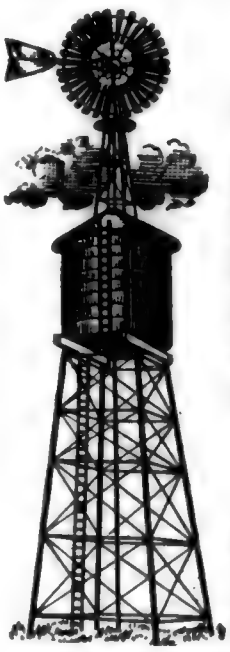
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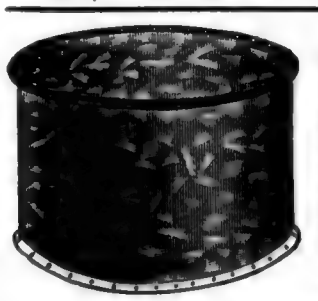
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PIPE Good, serviceable second-hand, with good threads and a coupling with each length; no junk. 1-in., 3c; 1¼-in., 4½c; 1½-in., 5c; 2-in., 6¾c; 2½-in., 10½c; 3 in., 14c; 4-in., 19c. New 2-in. standard black, 8½c; old 4-in. greenhouse pipe, 14c per ft.; 4-in. boiler tubes, 7c per ft. All kinds of fittings for 4-in. cast iron. All sizes new, black and galvanized wrought iron pipe carried in stock. Pipe cut to sketch.

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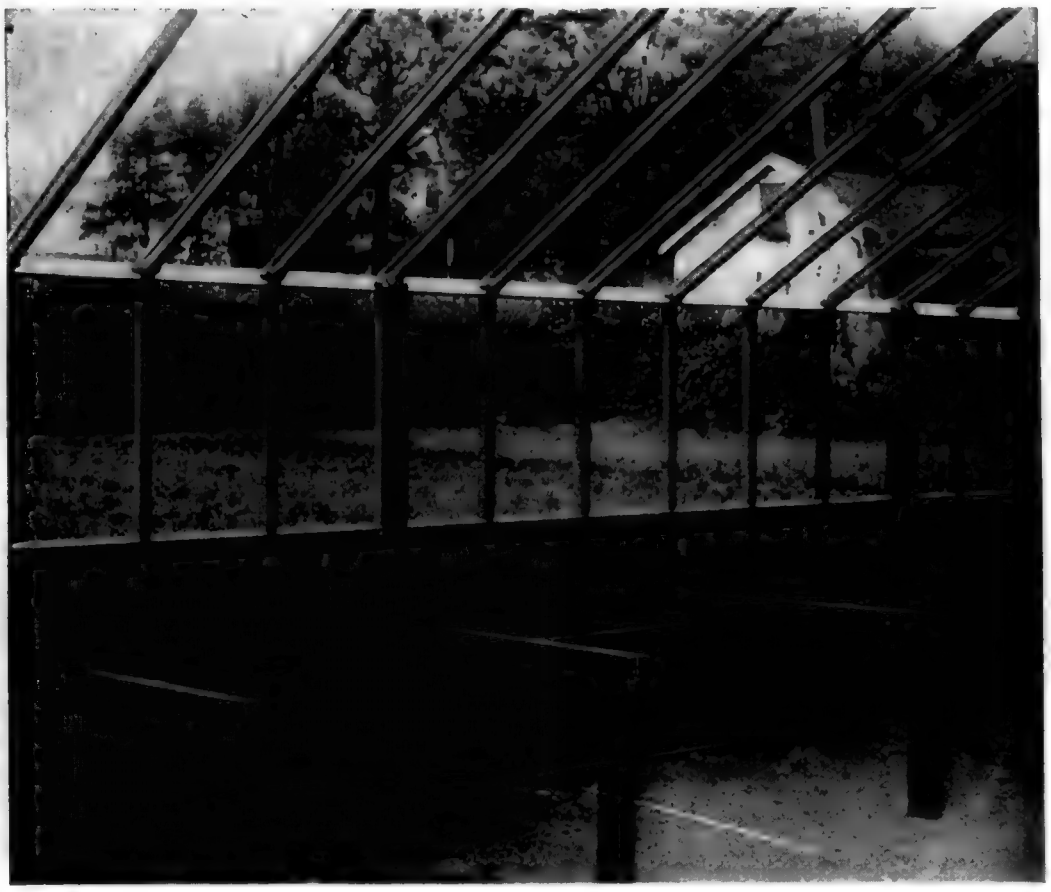
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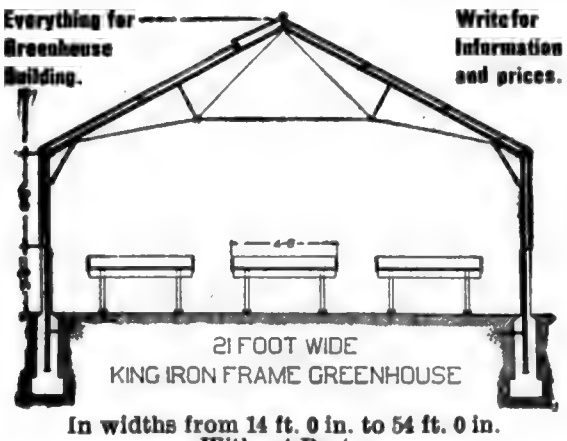
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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

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Greenhouse Material
Hotbed Sash

Modern construction, perfect workmanship, reasonable prices.

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No Shade No Drip No Draught

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UNIVERSITY of ILLINOIS

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, NOVEMBER 25, 1909. No. 626.

Shamrock Seed

The Real Thing
Imported Direct from Ireland

Sow this month for St. Patrick's Day

½ trade packet, 25c; trade packet, 50c.

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The 33 Prizes

won by our Carnations
at Chicago, St. Louis and Milwaukee,
speaks of the high grade
stock we grow.

Satisfaction guaranteed

Chicago Carnation Co., A. T. Pyfer, Mgr. **Joliet, Ill.**

For The RETAIL FLORIST

Now ready for immediate delivery.

Begonia Gloire de Lorraine, Begonia Pres. Taft and Cyclamen, now in bud and bloom.
Dracaena Terminalis, well colored.
Boston Fern and Harrisii Fern.
Adiantum Farleyense. Ficus Pandurata.
Iris Pallida Dalmatica.

——Price List on Application.——

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Ten Days' Free Trial

The Baur Carnation Clip

Please send without delay 10,000 more of the Baur Carnation Clips. They are the finest thing on the market. A. J. BOOTHMAN.

Wonderful and simply operated, just the right thing in the right place. GEO. EKAS.

Send us no money. The cleverest device ever invented for mending **Split Carnations,** will be sent to you absolutely free, without a cent deposit. Worth many times its cost.

Outfit (1 plier and 1000 clips), $2.50. Clips: $1.00 per 1000, $1.50 per 2000, $3.25 per 5000, $6.00 per 10,000, $12.50 per 25,000, $20.00 per 50,000.

POINSETTIAS (Best in America)—2½-in., $5.00 per 100; $45.00 per 1000.

SWAINSONA ALBA—3-in., $6 00 per 100.

ASPARAGUS PLUMOSUS—Strings 8 ft. long, 40c each.

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Of the following varieties: Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Mme. Petrick, Sacuntala, Prof. Wolters. 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

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Field-grown, one to two shoots to the plant, $7.00 to $10 00 per 100. Satisfaction guaranteed. Pot-grown, 4-in., one to four shoots to plant, $12.00 per 100; 5-in., three to five shoots to plant, $15.00 per 100.

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3-in., $15.00 per 100; 4-in., $35.00, 100; 5-in., $50.00, 100; 6-in., $75.00, 100.

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Full cases at 1000 rate.

	Per 100	1000
Giganteum, 7/9, 300 to case	$7.00	$60.00
Magnificum, 8/9, 200 to case	6.00	50.00
Auratum, 8/9, 160 to case	5.00	45.00
Album, 8/9, 225 to case	8.00	75.00
Chinese Lilies, 30 bulbs to basket, 4 baskets to bale, $3.00 per bale		25.00

Spiraea

Washingtonia .....$2.00 per dozen; $10.00 per 100

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

KILLARNEY ROSES

2½-in., choice stock.....$30.00 per 1000

AMERICAN BEAUTIES

2½-in., extra choice, in full growth, $50.00 per 1000

KAISERIN AUGUSTA VICTORIA

3-in., strong.....$45.00 per 1000

E. G. HILL CO., Richmond, Ind.

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"Snow in the Woods Bouquet Green in the Sheds"

Cars of Fancy Delaware Holly arriving daily after November 29. Cut and packed right under the eyes of our own employees.

Select Xmas Trees, Evergreen Wreathing, Etc.

The particular florist avoids disappointment by placing orders with us.

THE W. W. BARNARD CO., SEEDSMEN 109-119 W. Kinzie St., **Chicago**

WHITE KILLARNEY
MY MARYLAND
O. P. BASSETT

Ask the man who grows them

WHITE KILLARNEY

Grafted plants, 2½-inch pots, $12.00 per 100, ready for delivery March 15th, 1910. The White Killarney is far superior to the Bride, paying at least 50 per cent greater return per square foot of bench than the Brides. We graft only on selected Manetti and our young plants have a national reputation for superior quality.

MY MARYLAND

Grafted plants, 2½-inch pots, $12.00 per 100, ready for delivery March 15th, 1910. My Maryland is a splendid rose and must be grown to appreciate its heavy blooming qualities.

O. P. BASSETT

The best Red Carnation. Rooted cuttings ready by December 15th, $6.00 per 100; $50.00 per 1000. The Bassett has made good wherever grown. 200,000 plants were sold last year, which is the greatest test. As a money maker it is far ahead of all other varieties; it is in carnations what Killarney is in roses.

The above three varieties have been thoroughly tested and are the leaders for this season.

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Bassett & Washburn

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CRAIG'S SPECIALTIES

Don't Overlook Placing Your Order at Once For

CHRISTMAS

Our stock is in exceptionally fine shape this year and an order placed with us is bound to prove profitable to you.

BEGONIA GLOIRE DE LORRAINE

We have the largest and finest stock of this grand Christmas plant in America. Our stock has been grown cool and is sure to give satisfaction.

3-inch pots, well flowered, for basketwork..$20.00 per 100
3½-inch pots, well flowered, for basketwork.. 25.00 per 100
4-inch pots, well flowered..... 35.00 per 100
5-inch pots, well flowered..... 6.00 per doz.
6-inch pots, well flowered.....$ 9.00 and $12.00 per doz.
7-inch pots, well flowered..... 15.00 and 18.00 per doz.
8-inch pots, well flowered..... 24.00 and 30.00 per doz.
12-inch pans, specimens.....$6.00 each

We also have a large stock of the LIGHT LONSDALE SPORT at same prices. This variety is considered far superior to the original type, it making a finer shaped plant as well as holding the flowers much better, while the color is a little lighter than that of the original Lorraine.

BEGONIA AGATHA

A more dwarf type of Lorraine with rich, dark green foliage and flowers; a shade darker than Lorraine.

3-inch pots .....$20.00 per 100
3½-inch pots ..... 25.00 per 100
5-inch pots ..... 50.00 per 100
6-inch pots ..... 9.00 per doz.

CYCLAMEN

We have no hesitancy in saying that our stock this year surpasses anything we have ever had for Thanksgiving and Christmas.

4-inch pots, well flowered.....$25.00 per 100
5-inch pots, very fine.....$6.00, $9.00, $12.00 per doz.
6-inch pots, very fine.$12.00, $15.00, $18.00, $24.00 per doz.

FICUS PANDURATA

We consider this the best of all house plants.

6-inch pots, 24-26 inches high.....$24.00 per doz.
6-inch pots, 30 inches high..... 30.00 per doz.

CROTONS

We have the largest and most complete collection of Crotons in America, of the very highest quality and exceptionally well colored.

4-inch pots .....$25.00 per 100
5-inch pots .....$50.00 and $75.00 per 100
6-inch pots .....$9.00, $12.00 and $15.00 per doz.
7-inch pots .....$2.00 and $2.50 each
8-inch pots .....$2.50, $3.00 and $4.00 each

NEPHROLEPIS AMERPOHLII

(Phila. Lace Fern)

4-inch pots.....$20.00 per 100
6-inch pots.....$6.00 and $9.00 per doz.
8-inch pots.....$12.00 per doz.

NEPHROLEPIS WHITMANI

8-inch pots, strong.....$12.00 and $15.00 per doz.
9-inch azalea pots, very handsome plants..$24.00 per doz.

NEPHROLEPIS TODEAOIDES

(London Fern)

We consider this the best of the upright growing kind.

4-inch pots.....$20.00 per 100
6-inch pots.....$6.00 and $9.00 per doz.
Large plants.....$12.00, $15.00 and $30.00 per doz.

NEPHROLEPIS SCOTTII

6-inch pots.....$ 6.00 per doz.
8-inch pans..... 12.00 per doz.
10-inch pans.....$18.00 and $24.00 per doz.

NEPHROLEPIS BOSTONIENSIS.

8-inch pots.....$12.00 per doz.
10-inch pots.....$18.00 and $24.00 per doz.
11-inch tubs.....$3.00, $3.50 and $4.00 each

ASPARAGUS PLUMOSUS

2½-inch pots.....$4.00 per 100; $35.00 per 1,000
3-inch pots..... 7.00 per 100; 65.00 per 1,000

DRACAENA MASSANGEANA

This handsome plant is the best of all Dracaenas for houses.

6-inch pots.....$15.00 and $18.00 per doz.

DRACAENA FRAGRANS

6-inch pots, strong plants.....$6.00 and $9.00 per doz.

ARECA LUTESCENS

6-inch pots, very heavy.....$15.00 and $18.00 per doz.
7-inch pots, very heavy.....$24.00 per doz.

PANDANUS PACIFICA

6-inch pots.....$12.00 per doz.
7-inch pots..... 18.00 per doz.

PANDANUS VEITCHII

Well colored and just the plant for basket work.

2½-inch pots.....$25.00 per 100
3½-inch pots..... 35.00 per 100

BOXWOOD PYRAMIDS

3½ to 4½ ft. high, well shaped, in tubs.....
.....$3.50, $4.00 and $4.50 each

PHOENIX ROEBELENII

This is a most satisfactory plant.

4½-inch pots, well characterized.....$9.00 per doz.

GARDENIA VEITCHII

5-inch pots.....$35.00 per 100

In addition to the stock listed above, we will have in fine condition for Christmas sales Azaleas, Poinsettias, Berried Aucubas, Oranges, Solanums, etc., etc. Our price list is now in the hands of the printer and will be mailed shortly. DON'T FAIL TO SEND FOR ONE.

We extend to the trade a cordial invitation to call and inspect our stock.

ROBERT CRAIG COMPANY

4900 Market Street, **Branch, Norwood, Pa.** **PHILADELPHIA, PA.**

New Seedling Rose
RADIANCE

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK

318 N. Charles Street, BALTIMORE, MD.

IMPORTANT ANNOUNCEMENT TO CARNATION GROWERS

At the earnest solicitation of a large number of commercial and private growers, the Cottage Gardens Company has decided to disseminate this year the two famous Carnations

MRS. C. W. WARD and ALMA WARD

two varieties which are well known to all the leading growers of the country. 4 years' test in the New York market has demonstrated their popularity and good staying qualities. For the past 3 years we have been growing from 15,000 to 25,000 of each, during which time they have always commanded the highest market prices, and at no time has the supply been equal to the demand.

On the exhibition table they have taken the highest honors, and we believe it is safe to say these two carnations stand without an equal.

INVITATION

We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see them growing and compare their good points with other standard varieties grown under the same conditions.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market.

The keeping qualities of this variety are remarkable. Several shipments of blooms sent to Europe reached their destinations in perfect condition, and wherever exhibited it has always been the last to show signs of wilting.

AWARDS

American Florists' Society Silver Medal, ... Boston, 1906
The Craig Cup for Best Seedling, ... Philadelphia, 1906
The Lawson Bronze Medal, ... Washington, 1908
The Horticultural Society of New York, Silver Medal, Sweepstake Prize for Best 100 Blooms, ... New York, 1909
The Horticultural Society of New York, Diploma for Best New Variety, ... New York, 1909

Rooted cuttings ready December 15th.

$2.00 per 12; $12.00 per 100; $100.00 per 1000; $95.00 per 1000 in lots of 2500. 25 at the 100 rate; 250 at the 1000 rate.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers, 3½ to 4½ inches in diameter, on strong, erect stems 36 to 42 inches in length.

This most remarkable variety takes the same place among Carnations as the American Beauty Rose among Roses, and has, during the past 4 years, been awarded numerous prizes, including the following:

The Lawson Silver Medal, ... Toronto, 1907
(No Gold Medal having been awarded.)
The Lawson Gold Medal, ... Washington, 1908
The American Florists' Society, Silver Medal, Washington, 1908

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Clean, Vigorous Stock of Good Color and Full Value.



PHOENIX ROEBELENII.

PALMS

Areca Lutescens

	Per doz.	100
4-in. pots, 3 plants in a pot, 15 to 18 in. high	$3.50	$25.00
6-in. pots, 3 plants in a pot, 26 to 28 in. high	1.00 each	
7-in. pots, 3 plants in a pot, 36 in. high	2.00 each	

Areca Verschaffeltii

A grand lot of this beautiful Palm, a variety but seldom offered in quantity. Fine, strong plants.

	Each
6-in. pots	$1.50
7-in. pots	2.50

Cocos Flexuosa

We offer a limited number of larger plants of Cocos Flexuosa as follows:

	Each
7-in. tubs, 3 to 4 leaves, 6 ft. high	$ 5 00
8-in. tubs, 3 to 4 leaves, 7 to 8 ft. high	10.00

Cocos Weddelliana

We have nearly an acre of this most graceful palm in fine condition.

5-in. pots, 24 in. high	$1 00 each
7-in. pots, 30 in. high	2.50 each

Kentia Forsteriana

	Per doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 in. high	$ 2.00	$15.00	$140.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high	5.00	40.00	
6-in. pots, 6 leaves, 28 to 30 in. high	1.00 each		
6-in. pots, 6 leaves, 34 to 36 in. high	1.50 each		
7-in. pots 6 to 7 leaves, 34 to 40 in. high	2.50 each		
7-in. tubs, 6 to 7 leaves, 42 to 46 in. high	4.00 each		
8-in. tubs, 6 to 7 leaves, 48 to 50 in. high	5.00 each		
9-in. tubs, 6 to 7 leaves, 5 ft. high	8.00 each		
10-in. tubs, 6 to 7 leaves, 5½ ft. high	10.00 each		
11-in. tubs, 6 to 7 leaves, 7 to 7½ ft. high	15 00 each		

Kentia Forsteriana—Made-up Plants

	Each
6-in. pots, 3 plants in a pot, 24 in. high	$ 1 00
7-in. tubs, 3 plants in a tub, 34 in. high	2.50
7-in. tubs, 3 plants in a tub 38 in. high	3 00
8-in. tubs, 3 plants in a tub, 40 to 42 in. high	4.00
8-in. tubs, 3 plants in a tub, 42 to 45 in. high	5 00
8-in. tubs, 3 plants in a tub, 48 in. high	6 00
9-in. tubs, 3 plants in a tub, 4½ to 5 ft. high	8.00
10-in. tubs, 3 plants in a tub, 5 ft high	10.00
12-in. tubs, 3 plants in a tub, 6 ft. high	15 00
14-in. tubs, 4 plants in a tub, 7 to 8 ft. high	20.00

Kentia Belmoreana

	Per doz.	100	1000
2½-in. pots, 4 leaves, 8 to 10 in. high	$1 50	$10.00	$ 90.00
3-in. pots, 5 leaves, 12 in. high	2 00	15 00	140.00
4-in. pots, 5 to 6 leaves, 12 to 15 in. high	4.50	35.00	
6-in. pots, 6 to 7 leaves, 26 to 28 in. high	1.50 each		
7-in. pots, 6 to 7 leaves, 34 to 36 in. high	2 50 each		
8-in. pots, 6 to 7 leaves, 42 to 44 in. high	5.00 each		

Kentia Sanderiana

This is a very graceful, hardy Palm, of fine decorative appearance, which should prove a popular variety. We offer fine, bushy made-up plants.

5-in. pots, 20 to 24 inches high	$1.00 each

Livistona Rotundifolia

We offer a fine lot of this desirable miniature Fan Palm.

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3 in. pots	2.00	15.00
4-in pots	3.50	25.00

Phoenix Roebelenii

This is unquestionably one of the great Palms of the future, combining the grace of a Cocos Weddelliana with the hardiness of a Kentia; it will prove an invaluable plant for the house. We have a grand stock and offer:

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots, nicely characterized	3.50	25.00
4-in. pots, nicely characterized	each	.60
5-in. pots, splendid plants	each	1.25
6-in. pots, fine specimens	each	3.00

Phoenix Canariensis

A splendid lot of thrifty plants.	Each
7-in. tubs, 36 to 38 in. high	$2.50
8-in. tubs, 42 to 45 in. high	3.50
10-in. tubs, 48 to 50 in. high	5.00
11-in. tubs, 50 to 54 in. high	6.00

Phoenix Rupicola

	Each
Good 6-in. pots	$1.50
Good 8-in. tubs	2.50

Rhapis Flabelliformis

	Each
7 in. pots, 3 to 4 stems, 24 in. high	$2.50
7-in. pots, 4 stems, 26 to 28 in. high	3.00

FERNS

Nephrolepis Scholzeli—The Crested Scottii Fern

5-in. pans	each $0.50
6-in. pots	each .75
8-in. pans	each 1.50

Nephrolepis Scottii

	Each
6-in. pots	$0.50

Adiantum Farleyense

The best stock we have ever offered of this fine Maidenhair.

	Per doz.	100
3-in. pots	$3.50	$25.00
4-in. pots	5.00	40 00
5 in. pots	each	.75
6-in. pots	each	1.00

Pteris Wilsoni

This is the most decorative of all the Pteris, a handsomely crested form which is just as useful as a specimen plant as any variety of Nephrolepis, and in a small size a most desirable variety for fern dishes.

2¼-in. pots	$3.50 per 100
6 in. pans	35c. each

Mixed Ferns for Dishes

We can supply all the leading varieties for filling Fern Dishes in good, sturdy plants from 2¼-in. pots, $3 50 per 100; $30.00 per 1000. 3-in. pots, $6.00 per 100.

Adiantum Cuneatum

	Per 100
3-in. pots	$ 6.00
4-in. pots	10.00

MISCELLANEOUS PLANTS

Aralia Veitchii Gracillima

	Each
Nice plants in 4-in. pots, 10 to 12 in. high	$0 75

Aspidistra Lurida

	Each
5 in. pots, 6 to 8 leaves	$0.50
6-in. pots, 8 to 10 leaves	.75

Aucuba Japonica

	Each	Per doz.
Bushy plants, 12 to 15 in. high	$0.30	$3.00
Bushy plants, 18 to 20 in. high	.40	4.50
Bushy plants, 24 in. high	.60	7.00
Bushy plants, 28 to 30 in. high	.75	8.00
Heavy specimens, 8 ft. high	each 2.50	

Biota Aurea

A splendid golden evergreen for decorative work in cool halls or for use in filling window boxes, bushy, shapely plants, 15 to 18 in. high, 50c each.

Dracaena Massangeana and Lindeni

	Each
Good plants in 4-in. pots	$0.50

Euonymus—Silver Leaved

This is the plant you need to put the finish to Christmas baskets and hampers. It has beautifully creamy white and green variegated foliage, which harmonizes with all other flowering and foliage plants and is of graceful appearance. You will not regret giving it a trial. 5-in. pots, 10 to 12 in. high, 30c each; 6 in. pots, 18 to 24 in. high, 75c each.

Ficus Pandurata

	Each
Good 6-in. pots, 18 to 24 in. high	$2.00

Pandanus Veitchii

	Each
A splendid lot of well colored plants in 6-in. pots	$1.00

Bay Trees, Boxwoods, Pyramids and Standards in all sizes.

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CHRYSANTHEMUMS

THE BEST FORTY.

Every year it has been my pleasure to make up a list of forty varieties, for the benefit of my readers, of the kinds that have shown up most prominently at the shows. The list for this year is appended herewith, and the varieties are placed in the order of their merit. I have kept all novelties out of the list, because they have yet to stand the test of being generally grown.

Yellow—F. S. Vallis, Mary Donnellan, S. A. Naceur-Bey, Mrs. W. Duckham, Yellow Miller, Mrs. J. C. Neill, Cheltoni, C. Montigny, Mrs. Geo. Hunt, Col. Appleton.

White—Merza, Beatrice May, W. M. Moir, Nellie Pockett, Mrs. N. Davis, May Seddon, Mrs. D. V. West, Lynnwood Hall.

Pink—M. Hankey, Lady Hopetoun, W. Duckham, M. F. Plant, Frank Payne, L. Rosseau, O. H. Broomhead, Pres. Viger.

Crimson—Mrs. H. Partridge, Pockett's Crimson, Leslie Morrison, Pockett's Surprise, C. H. Totty.

Bronze and Any Other Colors—Mrs. O. H. Kahn, Glenview, Mary Mason, Rose Pockett, Mrs. J. Dunne, Mrs. J. A. Miller, Ethel Fitzroy, G. J. Brooks.

This list shows some interesting changes. For instance, the Eatons have practically disappeared from the shows in the east, and Appleton has dropped in yellows to last place. The latter variety has been quite disappointing to its admirers this year and will not be nearly so largely grown again. I am under the impression that many growers start this variety too early and that it does better when planted on the benches in June. It will be interesting to see if Appleton comes back again. Past history says that once a mum goes back it stays back. We shall see. The yellow section will be enriched by R. F. Felton and J. Locke this year, both splendid kinds.

The whites do not show much change. Merza is still queen, and deservedly so. Mrs. David Syme is a white that is booked to displace it, and certainly it looks good this year, but time alone can tell, since so many whites have come and gone and Merza still remains.

The bronze section is the most interesting to me. Some of the most beautiful things are set down because they do not conform to the florists' color chart, and here we find them. Some growers say that you cannot sell bronze kinds in the market, but this is a fallacy so far as New York market is concerned. Any bronze that has enough life and color, like Mrs. Kahn, will sell readily and at good prices. This variety has certainly made good everywhere. Mrs. H. Stevens and W. Hotston are two great additions to the "any other color" section this year.

In the reds, Mrs. H. Partridge has shown up better this year than ever before. I do not think that it will beat Pockett's Crimson another year, when everyone has good stock to work on, but its showing this year stamps it as a grand variety. Leslie Morrison and Pockett's Surprise have both shown up splendidly and have lived up to all that was said about them last year.

The pinks do not show much change from last year. Hankey has retained the hold it secured last year, and Duckham is holding its own better than I had expected. M. F. Plant has thrown much better flowers this year than last, as has also O. H. Broomhead. The pinks will have a welcome addition in Wells' Late Pink.

Summing up the season of 1909, it was in many respects the best we ever had. The weather was ideal and the flowers finished perfectly. The shows were well attended and the interest is up to fever heat again. The knocker may knock, as usual, and say we are scoring no advance, but he has said that for ten years, and actual measurements of the flowers easily disprove his remarks so far as size is concerned, while the range of colors and the number of varieties are far ahead of the past.

CHARLES H. TOTTY.

FOR SUCCESSION OF BLOOMS.

Will you please give the names of some good varieties of mums, so that I can grow a succession from early until late? I am now growing Major Bonnaffon, White Bonnaffon, Ivory and Pink Ivory. J. A. F.

The following list, while it may not include every good commercial variety, will give J. A. F. flowers to cut from the beginning to the end of the season. I have placed them in the order in which they will flower.

Yellow: Golden Glow, Monrovia, Yellow Miller, Chadwick, Col. Appleton and Yellow Chadwick.

White: Polly Rose, October Frost, Beatrice May, Nellie Pockett, Mlle. Desjouis and W. H. Chadwick.

Pink: Pacific, Mrs. Coombes, Wm. Duckham, Dr. Enguehard and W. R. Brock.



Chrysanthemum Mrs. David Syme.



Chrysanthemum Howard Gould.

Red and bronze varieties: W. Meredith, Mrs. Partridge, Matchless, Amateur Conseul, Mrs. O. H. Kahn, Ethel Fitzroy and Glenview.

These cover the season and also cover practically all the range of colors.

Chas. H. Totty.

SOME OF THE NEW MUMS.

Mrs. W. Arnold is a fine commercial white, an American seedling certificated by the C. S. A. on commercial scale; stem quite stiff; foliage well up and of deep, glossy green; hardly big enough for a show flower, but should make its mark as a commercial variety, as petal is hard and stiff and will stand handling.

Miss M. Smith is a terra cotta pink. Petals are hooked at the end, which makes it seem like a hairy variety. A handsome looking flower, with fine stem and foliage.

Mrs. David Syme is a grand white that is booked to displace all of our other whites on the exhibition table. It is as large as Moir, when the latter is well done. It carries the foliage right up to the flower; stem is absolutely perfect, and when taken on the bud about August 15 produces a flower that is as near perfection in its color as it is possible to get. Mrs. David Syme has been certificated in England, has won the gold medal in Australia and would have scored very high in this country had there been sufficient stock to place it before any committee.

Mrs. W. A. Read is an intense, fiery, scarlet crimson, petals standing out stiff to show the color to the best advantage. This variety is perfect in foliage, which is right up to the flower, stem stiff, grows rather above the average height, and will undoubtedly make its mark as a striking exhibition variety. Any bud after August 15 produces a perfect flower.

Onunda is the gigantic white that was staged by Wm. Duckham at the American Institute. The flower was forty-five inches in circumference, by actual measurement, and it was claimed, and I believe rightly, that it was easily the largest flower ever put on exhibition in America. The stem was fully equal to carrying the flower erect, which was remarkable when one considers the immense weight of the bloom. This variety scored ninety-four points on the exhibition scale. The color is the weakest point, being a lemon yellow, but it is a gigantic thing and its size makes it a feature to be reckoned with in exhibition varieties.

Howard Gould is a crimson scarlet, one of the Wells varieties for 1910; a reflexed, stiff petal that shows all the color to the best advantage; heavy, well-formed flower, foliage right up to flower, and stem first-class. This will be a welcome addition to the crimson section.

C. H. Totty.

RUST ON MUMS.

Kindly tell us the cause of the brown spots on the enclosed chrysanthemum leaves, and also the remedy.

H. W. W.

The brown spots on the leaves are rust, and the remedy to apply is sulphide of potassium, in the proportion of one ounce to two gallons of water. This will kill the germs of the disease and prevent it from spreading, and with reasonable care H. W. W. will have perfectly clean stock another year. C. H. Totty.

BLOOMS DROOP, STEMS BREAK.

What is the matter with my Col. Appleton chrysanthemums? The blooms droop over when partly open and the stems break. They are grown to single stems in bench. T. C. B.

It is pretty hard to tell what is the matter with these chrysanthemums, with-



Chrysanthemum Mrs. W. A. Read.

out knowing more of the way in which they were grown, when planted, the distance apart, etc.

I can hardly understand such a strong growing plant as Col. Appleton throwing over its flowers and having broken stems, as T. C. B. states. If the plants have been planted very close together, so that they are weak and spindly, it might be accounted for in that way. I have never in my experience seen Appleton, when given a reasonable amount of room and reasonable amount of feed, produce anything but satisfactory flowers.

If T. C. B. cares to give me a little more detailed information, I shall endeavor to wrestle further with the question. CHAS. H. TOTTY.

CHRYSANTHEMUMS IN ENGLAND.

National Society's Show.

After the extremely wet and sunless season which we have experienced—probably the worst for thirty years—it could not be expected that exhibition blooms would show up well at the chrysanthemum shows. Nevertheless, at the first important show of the season, that of the National Chrysanthemum Society, which opened in the Crystal Palace, London, November 3, there was a creditable display, surpassing the expectations of many. True, the show was not equal to those of former years, as the leading growers were unable to put up such imposing groups, on account of the weather conditions, but the competitive classes were well filled.

Some Prize-winning Varieties.

The great vase class for twelve vases of specimen blooms of Japanese chrysanthemums, with a first prize of £12, was spiritedly contested and the winner was found in W. Iggulden, Lock's Hill Nurseries, Frome, who put up the following varieties: Mme. G. Rivol, C. H. Totty, Lady Talbot, Mrs. Norman Davis, Gladys Blackburn, William Gee, F. S. Vallis, Mrs. A. T. Miller, Frank Payne, Reginald Vallis and Mrs. W. Iggulden. The best display of chrysanthemums on a circular floor space of 200 superficial feet (first prize, £8 8s), was won by W. Howe, gardener to Lady Tate, Streatham Hill. For forty-eight Japanese blooms, distinct (first prize, challenge cup and £9), many of the best growers entered and the place of honor was awarded to T. Walker, gardener to A. G. Hammersley, Esq., Bourne End. His best blooms were F. S. Vallis, Lady Talbot, Edith Smith, Mrs. A. T. Miller, Mrs. Norman Davis, J. H. Silsbury, Mrs. G. Mileham and President Viger.

A large gold medal was awarded to Norman Davis, Framfield, for a fine decorative display, the leading features of which were bold pyramidal stands of Mrs. Norman Davis, Mrs. A. T. Miller, Miss Lilian Hall, Pockett's Crimson, Clara Wells, etc.

Exhibit of W. Wells & Co.

W. Wells & Co., Merstham, put up a most interesting and pretty group and were awarded a gold medal. By the way, W. Wells, the senior partner, is at present in the United States, picking up all the points he can gather in connection with his favorite flower. No doubt he is in evidence at the leading shows. The group included Alice Lemon, a new pink Japanese; Robert Thorpe, a new single white, and Phosphorescence, a most promising market variety in the way of Source d'Or, but a vast improvement upon it. The coloring is intense.

W. J. Godfrey, Exmouth, also secured a gold medal. His exhibit contained promising novelties in Laura Hill, a terra cotta Japanese with straight, broad petals, and Acquisition, a fine yellow Japanese variety with broad, curling petals.

Dwarf Pot Plants.

Butler Bros., who are among the leading growers of chrysanthemums as pot plants for Covent Garden, demonstrated remarkable culture in dwarf, bushy plants, about eighteen inches long and the same in width, carrying on an average nine blooms, disbudded, grown in 5-inch pots. As decorative plants these are now much in demand, the small size of the pots enhancing their value for the variety of purposes they may be put to.

Another important exhibit to which a gold medal was awarded was that from Philip Ladds, Swanley Junction, one of the leaders in the chrysanthemum cut flower trade for Covent Garden. He made an extensive and imposing display of varieties as grown for market, arranged in fine decorative style.

H. J. Jones, Lewisham; H. Cannell & Sons, Swansley, and many other growers were well represented, and quite a break from the general run of the exhibits was found in a collection of roses grown in the open and exhibited by Hobbies, Ltd., Dereham. It was remarkable to see in November such fine blooms of Hugh Dickson, Mme. Abel Chatenay, Betty, Mme. Melanie Soupert and many others, and yet everyone was grumbling about the weather. John Green, the genial treasurer of the National Chrysanthemum Society and president of Hobbies, Ltd., evidently knows how to circumvent the weather conditions, for he practically shows roses all the year around. BEE.



Chrysanthemum Onunda.

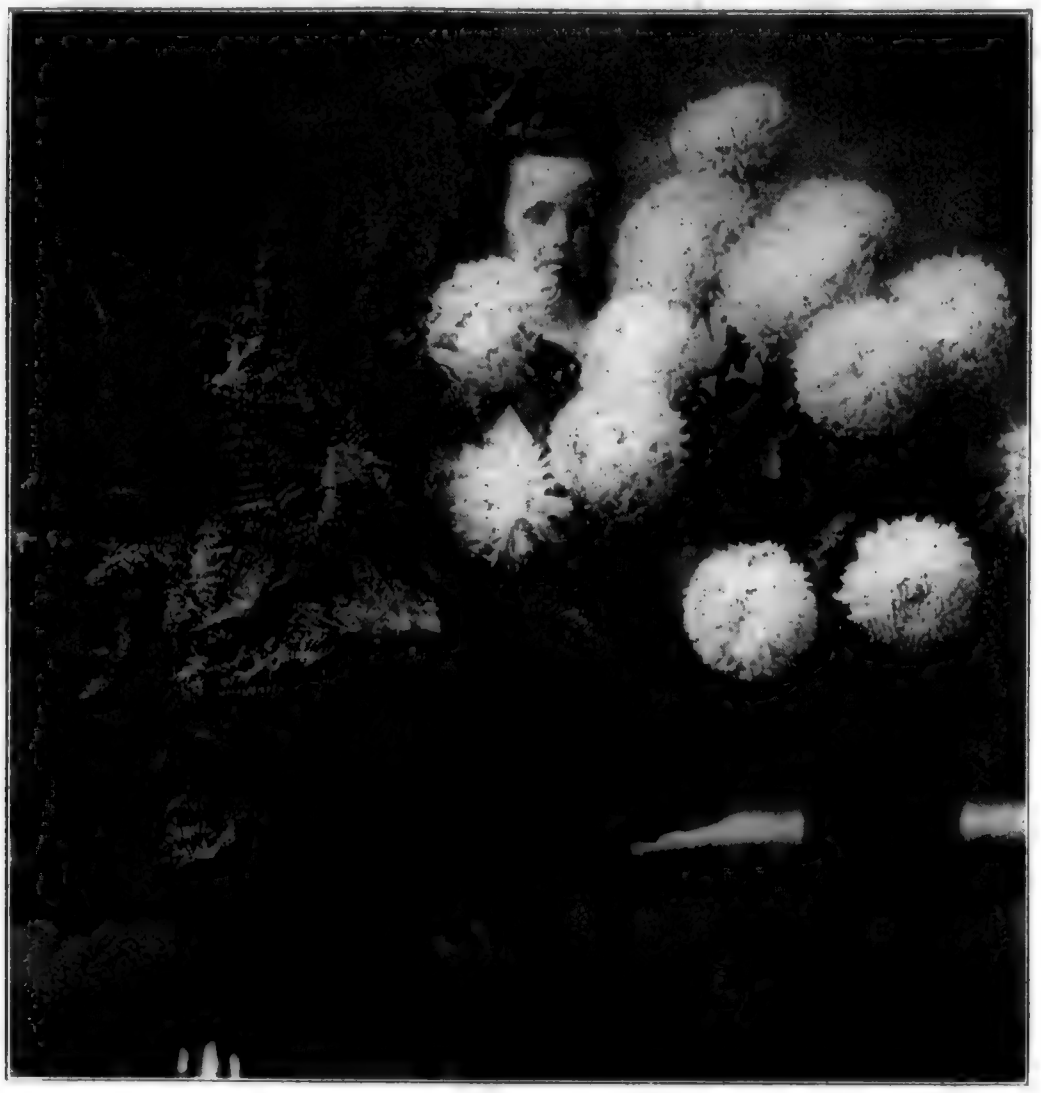
BENEFIT FROM FLOWER SHOWS.

[A paper by J. F. Ammann, of Edwardsville, Ill., read at a meeting of the St. Louis Florists' Club, November 11, 1909.]

The question, "What do the retailer, the wholesaler and the grower derive from the flower shows?" could be answered in many ways and a lengthy paper written, on account of the many benefits each branch of the profession derives from flower shows. I shall, however, just try to point out a few of the most important facts pertaining to each branch of the trade.

The retailer derives much from the flower shows, especially if he is alive to the situation and takes an active part in the exhibitions. While most retailers who do not exhibit give as a reason too much trouble and expense, yet it is a fact, nevertheless, that a well managed flower show is the best educator and cheapest advertiser known to the profession today. When you find as many private individuals ready to donate time and money to prizes for an exhibition which they consider educational and elevating to mankind, as is the case in flower shows, it is only the drones of the profession who will not grasp at the opportunity to advertise themselves, as well as help the good movement along by taking active part in the exhibitions.

The retailer belongs to the only branch of our profession which comes in direct touch with the consumer. The more ways and means he can provide to create a demand for the product, the more he is benefited. Where is that means more at hand than at a flower show?



The Products of Old Kentucky.

Where can it be procured for less money than at a flower show, where he is paid for filling his space and where newspaper items are published for him (advertising which he could not purchase at all), for absolutely nothing? I think, gentlemen, this is sufficient reason why a retailer derives much from a flower show.

Between Two Fires.

Next, the wholesaler. Poor fellow! I always have had a soft spot in my heart for this unhappy medium, who stands between two fires all the time. The grower expects high prices and the retailer wants to buy cheap; so in steps the wholesaler and says, "We will split the difference," and it goes. I really believe that if it were not for the wholesaler, the retailer and grower would not be on nearly as good terms as they are. On one thing we can all agree, I am sure, and that is: If the retailer can devise a scheme by which he can create a stronger demand for his goods, the wholesaler is also benefited by it. So the foregoing reasons will suffice, also, to show that the wholesaler is benefited by flower shows as well.

Now for the grower. When we talk about the grower I begin to feel a little more familiar with my subject, for I have been a victim to this branch for nearly a quarter of a century—and I only hope I may continue so for another quarter. If flower shows are a benefit to the retailer and the wholesaler, they are doubly so to the grower. On the success of either of the other two branches of the trade depends entirely (and well it should) the prosperity of the grower.

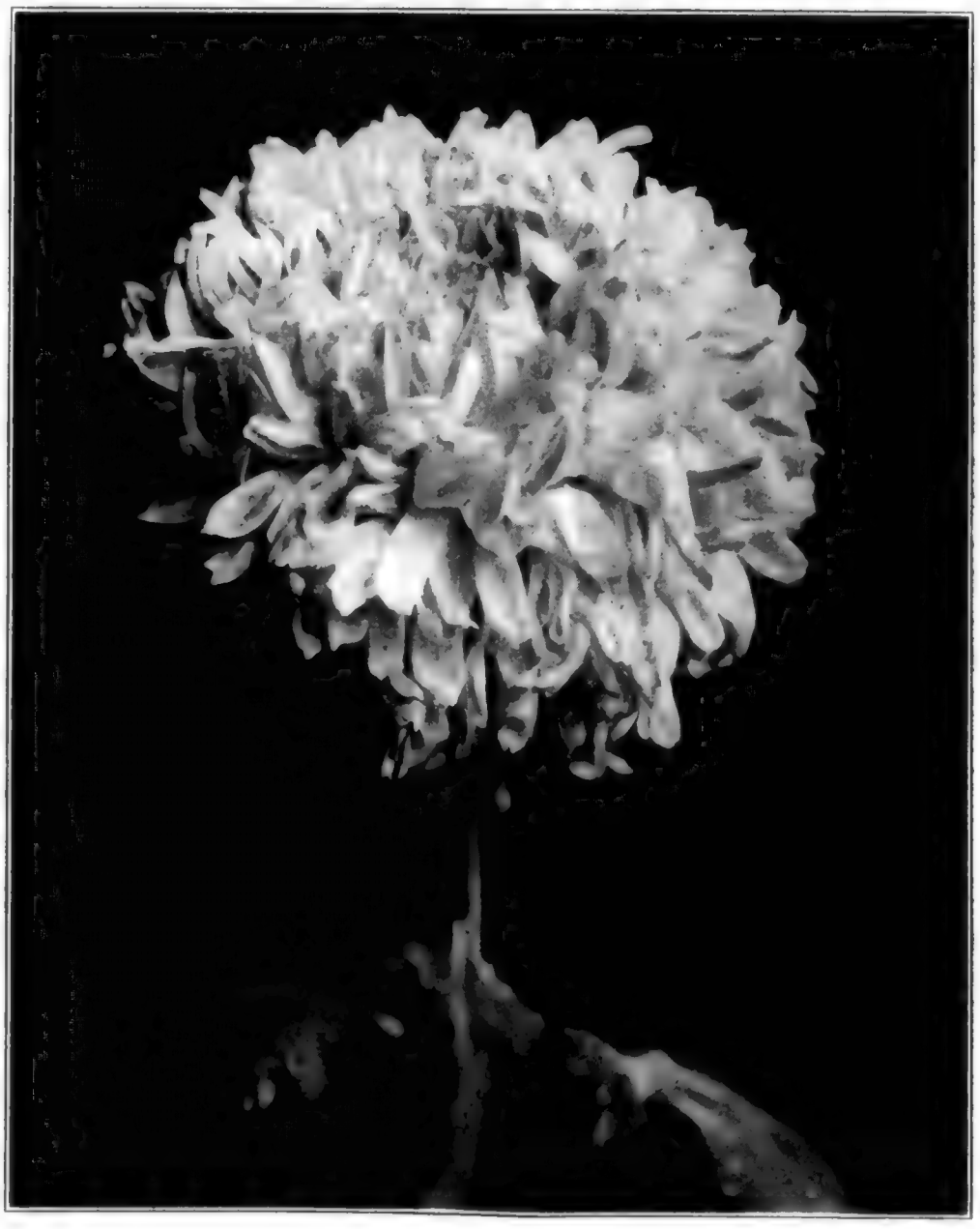
Slighted Opportunities.

I am sorry to say it, but I think I can say it without fear of contradiction, that no producer of any article, be it manufactured or grown, is so slow in taking advantage of exhibiting his wares as the average grower of flowers and plants. We can readily recall where farmers and stock raisers, as well as manufacturers, pay exorbitant prices for space at various exhibitions and fairs to show their product. Does the grower have to do that? No. On the contrary, he is paid, and in most cases paid well, for his exhibition, and in addition he gets just as much, if not more, advertisement for his goods as any other profession. I hope the day is not far distant when all the growers will see the flower shows in the light in which they are already seen by so many of our leaders, who are helping to make the shows a grand success everywhere.

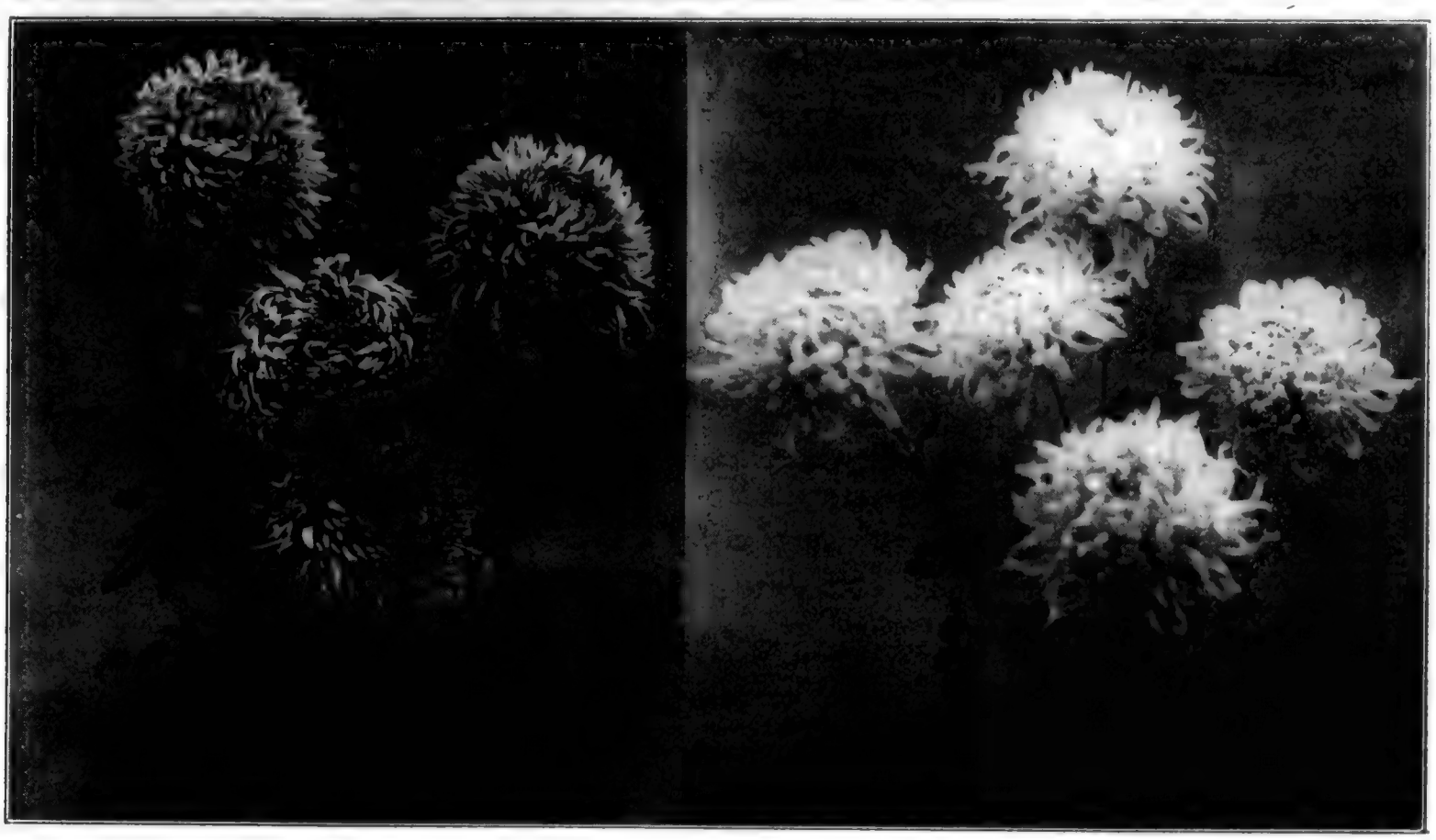
I hope that the contents of this paper will be received by all who hear it in the spirit it is given, and that every retailer, wholesaler and grower in St. Louis, in fact everywhere, will join me in giving three cheers for the flower shows, and all hail to the men who work so hard in making them a success.

MUMS IN KENTUCKY.

The accompanying illustration is reproduced from a photograph made at the establishment of the Burdell Floral Co., Bowling Green, Ky. This concern grows all its chrysanthemums in solid beds, with eight inches of soil on four inches of cinders. Some idea of the size of the blooms can be gained by comparing them with the other features of the



Chrysanthemum Mrs. W. Arnold.



Seedling Chrysanthemums Raised by M. D. Schmidt & Son, Dayton, Ohio.

picture. The little girl is 8 years old and stands four feet six inches high. The Whitmani fern is in a 12-inch pan and has a spread of over five feet. The varieties of mum are White Chadwick, Timothy Eaton and Roosevelt. The blooms facing the front, with the dark center, are Roosevelt. Those just in front of the little girl are Chadwick and the highest are Eaton. This picture was taken the latter part of October, which gives an idea of the season of these varieties in that section.

SCHMIDT'S SEEDLINGS.

M. D. Schmidt & Son, Dayton, O., like so many other growers, have for a number of years been experimenting with the raising of seedlings and have produced several new chrysanthemums of merit, two of which are illustrated in this issue. The white seedling is probably the best of their lot, the flowers being extremely large, firm in texture and of excellent lasting qualities. The only possible criticism of the flower is that it is flat, which brings it in the exhibition class, rather than the commercial section. The color is a glistening white and the stem is wiry and stiff, carrying the flower perfectly erect.

The pink seedling is also a robust grower, of unusually clear color. When finished the blooms are almost round and Schmidt & Son have cut flowers ten inches in diameter grown on plants that were carried up to two stems, as was the case with the plants on which the blooms photographed were grown.

Schmidt & Son also have an excellent seedling of an unusual shade of tan, quite distinct from any other variety. They have made no plans for the disposition of these sorts, but doubtless they will find their way into the hands of other growers in due season.

ELDORADO, PA.—A. S. Myers is interesting himself in the organization of a fire company here. S. Morris, secretary-treasurer of the Rosedale Land & Improvement Co., will donate a lot for the company's use.

PLUMOSUS TURNS YELLOW.

I am having trouble with my Asparagus plumosus on account of its turning yellow. I cannot blame the watering for this. I have noticed that when an angleworm got into the soil he soon put it in such condition that it quickly turned yellow. My plumosus is now mostly in 4-inch pots, having been put there from 2-inch. Do you suppose I am using too much manure (one part to three parts soil), or is my manure too green, or should I use a more open soil? I cannot get leaf-mold here, but can get unbroken buffalo sod, either in heavy loam or quite sandy. Is it advisable to use chopped sphagnum in soil to make it more open? I am located in northeastern Colorado.

L. J. R.

Asparagus likes a good, rich, heavy soil, with proper drainage underneath, so I hardly think that your soil is too heavy. It may contain too much alkali. Try soil from another locality. Chopped sphagnum can be used to make soil more porous, if that is desired. Usually very old rotted manure and sand are better.

A. F. J. B.

LILIES FOR EASTER.

Kindly tell us whether we can force our lilies for Easter. Though ordered in August, we did not receive them until the following dates: Lilium candidum, October 3; Lilium giganteum, October 27; Lilium Harrisii, November 1. They were all potted and put in coldframes the day they arrived. If we cannot force them for Easter, can we successfully hold them for Decoration day, and if so, how?

A. W. F. & S.

I think you should be able to get a good many of your lilies in flower for Easter, which next year comes unusually early. L. candidum should have been received before the middle of September. These will be all the better if they have been kept outdoors to get several good freezings. Many failures in the culture of this lily can be traced to a failure to properly treat them in the early stages of growth. Plants you want for Easter should be housed about December 15, and given a night temperature of 50 degrees. This should not be increased more than 5 degrees at any stage of their growth. If you want candidums for Memorial day, hold them in a coldframe until the end of March and then place them in heat.

Harrisiis potted November 1 should flower by the end of March. This is a late date to receive this variety. Place the bulbs of these and L. longiflorum giganteum in a house kept at 45 degrees at night, under a bench where they will not get drip, or in a shed. In a coldframe now growth will be too slow. Do not give them much warmth until well rooted. Then they want 60 degrees at night. This can be increased 5 degrees when the buds show. If you feel you have not the proper forcing facilities, you can easily hold the longiflorum giganteums for Memorial day in a cold house, but Harrisiis would hardly keep. In the event of your preferring to retard the giganteums, keep them in a frame for some weeks yet. Scatter some dry leaves over them for protection and use mats to exclude frost.

C. W.

CELESTIAL PEPPERS.

What is the reason for our celestial peppers not getting red, after having been full of berries for six weeks? They are being grown for Christmas, and are now in 5-inch pots. The seeds were sown in April, grown in a poinsettia house most of the summer and have been fed heavily with bone meal, potash in the soil and liquid manure water for two months.

E. F. C.

Your peppers will color all right in good season. Give them a warm, sunny house and keep them well supplied with water. These peppers prefer more heat than the solanums or Jerusalem cherries; 55 to 60 degrees at night will suit them until the fruit is colored, after which you can hold them in a cool house.

C.



The Products of Old Kentucky.

Where can it be procured for less money than at a flower show, where he is paid for filling his space and where newspaper items are published for him (advertising which he could not purchase at all), for absolutely nothing? I think, gentlemen, this is sufficient reason why a retailer derives much from a flower show.

Between Two Fires.

Next, the wholesaler. Poor fellow! I always have had a soft spot in my heart for this unhappy medium, who stands between two fires all the time. The grower expects high prices and the retailer wants to buy cheap; so in steps the wholesaler and says, "We will split the difference," and it goes. I really believe that if it were not for the wholesaler, the retailer and grower would not be on nearly as good terms as they are. On one thing we can all agree, I am sure, and that is: If the retailer can devise a scheme by which he can create a stronger demand for his goods, the wholesaler is also benefited by it. So the foregoing reasons will suffice, also, to show that the wholesaler is benefited by flower shows as well.

Now for the grower. When we talk about the grower I begin to feel a little more familiar with my subject, for I have been a victim to this branch for nearly a quarter of a century and I only hope I may continue so for another quarter. If flower shows are a benefit to the retailer and the wholesaler, they are doubly so to the grower. On the success of either of the other two branches of the trade depends entirely (and well it should) the prosperity of the grower.

Slighted Opportunities.

I am sorry to say it, but I think I can say it without fear of contradiction, that no producer of any article, be it manufactured or grown, is so slow in taking advantage of exhibiting his wares as the average grower of flowers and plants. We can readily recall where farmers and stock raisers, as well as manufacturers, pay exorbitant prices for space at various exhibitions and fairs to show their product. Does the grower have to do that? No. On the contrary, he is paid, and in most cases paid well, for his exhibition, and in addition he gets just as much, if not more, advertisement for his goods as any other profession. I hope the day is not far distant when all the growers will see the flower shows in the light in which they are already seen by so many of our leaders who are helping to make the shows a grand success everywhere.

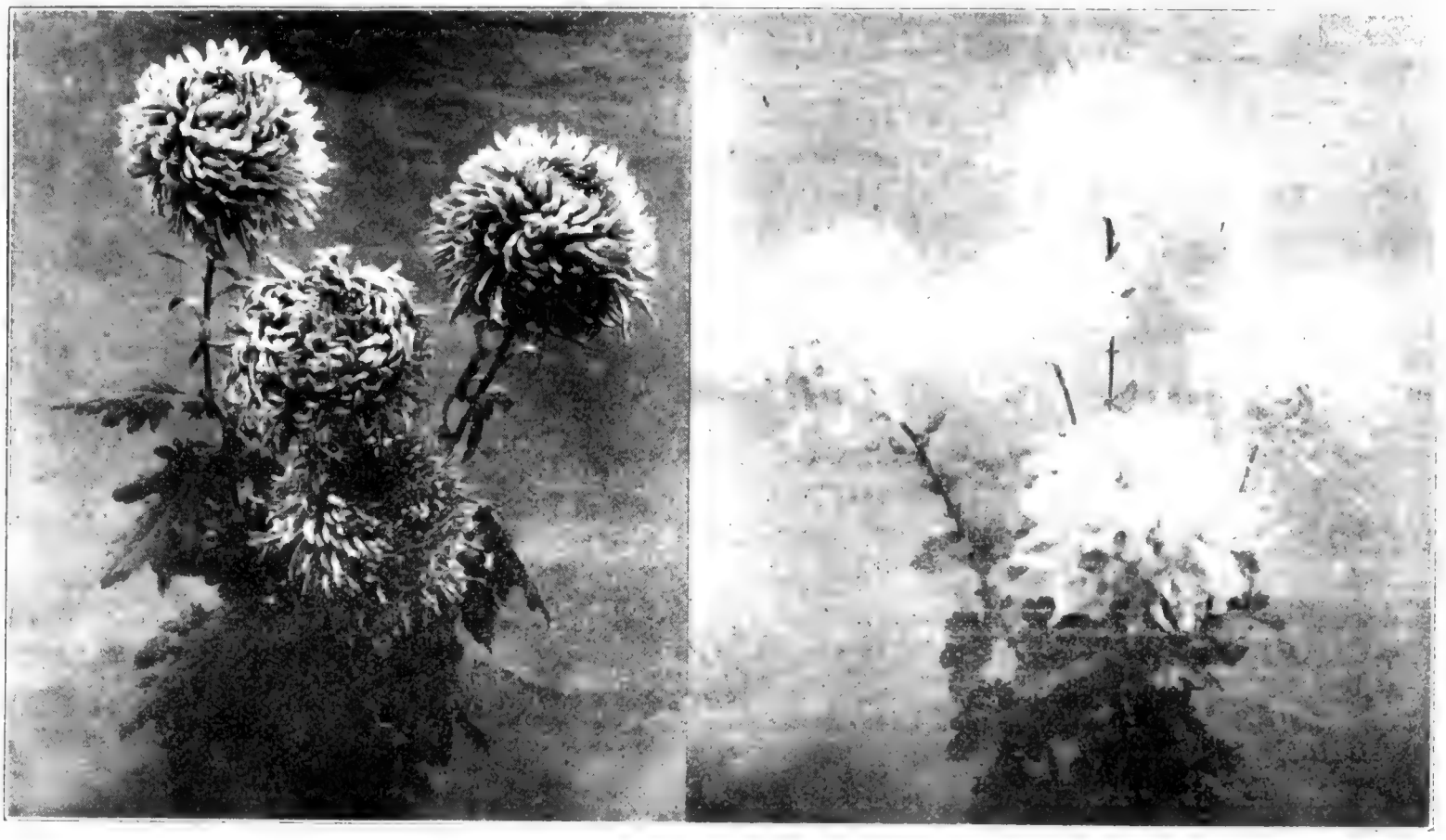
I hope that the contents of this paper will be received by all who hear it in the spirit it is given, and that every retailer, wholesaler and grower in St. Louis, in fact everywhere, will join me in giving three cheers for the flower shows and all hail to the men who work so hard in making them a success.

MUMS IN KENTUCKY.

The accompanying illustration is reproduced from a photograph made at the establishment of the Bardell Floral Co., Bowling Green, Ky. This concern grows all its chrysanthemums in solid beds, with eight inches of soil on four inches of cinders. Some idea of the size of the blooms can be gained by comparing them with the other features of the



Chrysanthemum Mrs. W. Arnold.



Seedling Chrysanthemums Raised by M. D. Schmidt & Son, Dayton, Ohio.

picture. The little girl is 8 years old and stands four feet six inches high. The Whitmani fern is in a 12-inch pan and has a spread of over five feet. The varieties of mum are White Chadwick, Timothy Eaton and Roosevelt. The blooms facing the front, with the dark center, are Roosevelt. Those just in front of the little girl are Chadwick and the highest are Eaton. This picture was taken the latter part of October, which gives an idea of the season of these varieties in that section.

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Asparagus likes a good, rich, heavy soil, with proper drainage underneath, so I hardly think that your soil is too heavy. It may contain too much alkali. Try soil from another locality. Chopped sphagnum can be used to make soil more porous, if that is desired. Usually very old rotted manure and sand are better.

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Harrisii potted November 1 should flower by the end of March. This is a late date to receive this variety. Place the bulbs of these and L. longiflorum giganteum in a house kept at 45 degrees at night, under a bench where they will not get drip, or in a shed. In a coldframe now growth will be too slow. Do not give them much warmth until well rooted. Then they want 60 degrees at night. This can be increased 5 degrees when the buds show. If you feel you have not the proper forcing facilities you can easily hold the longiflorum giganteum for Memorial day in a cool house, but Harrisii would hardly keep. In the event of your preferring to retard the giganteums, keep them in a frame for some weeks yet. Shutter some dry leaves over them for protection and see what's the exclusive rose.

C. W.

CELESTIAL PEPPERS.

What is the reason for our celestial peppers not getting red, after having been full of berries for six weeks? They are being grown for Christmas, and are now in 5-inch pots. The seeds were sown in April grown in a poinsettia house most of the summer, and have been fed heavily with bone meal, potash in the soil and liquid manure in water for two months.

F. A.

Your peppers could not have had a good season. Give them a warm, sunny house and keep them well supplied with water. These peppers prefer more heat than the solanums or Jerusalem cherry, 55 to 60 degrees at night will suit them until the fruit is colored, after which you can hold them in a cool house. C.

SEASONABLE SUGGESTIONS

Primulas.

Plants of Primula Sinensis are now in many cases pushing up their flower spikes. Some are already coming into bloom and a few will be in quite good shape for Thanksgiving. Primulas are not plants that sell at a high price and they are almost frowned upon by some of the high-class stores. However, when well grown and nicely flowered, they are attractive and possess vastly better keeping qualities in the average dwelling house than such plants as poinsettias, Lorraine begonias or azaleas. Furthermore, it being possible to sell them profitably at a comparatively low price, they come within the reach of those who are not habitual plant purchasers, and it is customers of this class that the average country florist is glad to cater to.

Allow the plants sufficient space so that the leaves are just free. They love a house where they get an abundance of fresh air and where there is none of that strong smell of fire heat so distasteful to many plants of this class. They will stand any sun we may now get, without shade, but must be carefully watered to prevent their wilting. A severe drying out will spoil many flowers. Afford a dose of weak liquid manure once in five or six days, and if the foliage turns a trifle pale use a little soot water or Clay's fertilizer to color it up.

Primula obconica is not usually in good flower for Christmas. A few flower spikes only are showing yet. It requires more water than P. Sinensis and will appreciate more liberal feeding. P. Kewensis is the most robust growing of the whole family and seems destined to become a useful and popular commercial variety. While it will flower in 4-inch and 5-inch pots, to have it in good condition 6-inch and 7-inch pots should be used. It is a thirsty subject and can be fed much more heavily than either P. Sinensis of P. obconica. It does not flower in season for Christmas, but from the middle of January to the end of March is one of the best decorative flowering plants yet introduced.

Poinsettias.

Many inquiries are now coming to hand relative to poinsettias and how to prevent loss of foliage on them. A common error is to keep the pans or pots too close together. This inevitably causes some of the lower leaves to fall. It is also partially responsible for sourness at the root caused by an excess of moisture. The surest cure for this is to spread out the plants and allow the sun to reach the pots. Bracts are now forming and it is at this time that judicious feeding will immensely benefit them. Do not attempt it unless sure the pots are well filled with roots and capable of absorbing it. The plants cannot have too light a house, and, to hold them stocky, should be as close to the glass as possible. A temperature of 60 degrees at night is a good one. A higher figure means leggy plants, which are not wanted. A lower one is often productive of pale foliage and too slow development of the flowers.

Lilies.

Thanksgiving Harrisii lilies are now opening and can easily be held in a cool house. The Christmas crop has buds of a good size, two to three inches long. These will be kept in a warm, moist house, 65 to 70 degrees at night, until the first buds burst, when a drop of 10 degrees in temperature will be given, unless the backward condition of the plants necessitates forcing tactics. A spraying overhead early each afternoon is beneficial and, besides helping to develop the buds, helps to keep down aphis. Fumigate or spray for the last named pest. It will speedily spoil the beauty of many flowers if allowed any leeway.

Some lilies for Easter are now six inches high. These are being kept in a cool, airy house. A further batch has just pushed growths through the pots, while the last lot of multiflorums and giganteums, owing to delay in shipments, have only just been potted. Any lilies for Easter should now have the growths started, or at least have the pots full of roots and be ready to push into heat at short notice. There is a little over four months left between now and Easter, none too long a time to flower them in. Throw away any plants coming with diseased foliage. It is a pure waste of space to cling to them in hopes that they may grow out of it, something they never do.

Hybrid Perpetual Roses.

November is a good month in which to plant hardy roses. The wood is now plump and well ripened. It is a pity more are not set out at this season, for they will give a much better account of themselves next summer than such as are planted in spring. Never allow the roots to become dry. Plant rather deeply, covering the buds or grafts three to four inches, and firm the ground thoroughly about them. Of course, roses all delight in land which contains plenty of humus and which has been deeply plowed or spaded. One advantage gained in planting hardy roses now is that all stock is freshly dug and has not been stored in a cellar over winter or subjected to much handling or drying at the root. As between own-root and budded roses for outdoor planting, the latter possess more vigor and are longer lived.

The growing of hybrids in pots is less practiced than a decade ago, when we had less variety in the rambler class. Some florists, however, continue to grow a batch each year and there is no better time than the present to pot them. We like to leave the plants outdoors for a time after potting, protecting the pots with straw to prevent breaking in case of severe frost. Roses prefer a rather heavy soil, and if some clay can be added to a naturally light soil, the plants will show a marked improvement in their growth.

Weather conditions are still favorable



Chrysanthemum Miss Muriel Smith.

and, with Indian summer temperatures prevailing, it may seem passing strange to suggest protection to hardy roses. We never know after this date how soon zero weather may come in our northern states, and the necessary protection to hybrid perpetuals should be given just before the ground freezes up. Of the various protecting methods, none is so good as drawing earth up to the stems of the plants. Where the plants are pruned back hard each spring, this is much the simplest and safest plan. Leaves, straw, manure and other materials as coverings are none of them equal to mother earth. We can be morally certain that such wood as is covered with soil will be green and fresh when exposed in spring.

In the case of hybrid teas, an increasingly popular and persistently blooming class of hardy roses, soil protection is not always sufficient and a safer plan is to dig up the plants and bury them outdoors on land which is well drained, or better still, plant them thickly in coldframes over winter. With rambler roses in some of the coldest states, protection is absolutely necessary. Much the easiest plan is to cut them loose and lay them on the ground, where a little later in the season some evergreen boughs spread over them will usually carry them through nicely. Crimson Rambler is a little hardier than the pink varieties. In some states none of these will require any protection, while in others they will be simply killed to the snow line if left exposed.

Hardy Perennial Borders.

Any delayed planting should be completed without delay. This has been a wonderful fall for outdoor work, and the absence of any severe frosts causes some plants to carry foliage almost as green and fresh as in midsummer. Late bulbs, such as Spanish and English iris, are best planted now, while spaces for hardy lilies should be covered with straw or leaves, as these generally are not to hand in some cases before December. All herbaceous borders look neater in winter with the tops cut from the plants. There is no need to haul away these tops, unless you are fastidious as to appearances. Let them lie on the leaves or other mulching material which the borders should get toward the end of the present month. It pays to mulch all perennials, no matter how hardy they may be. The great injury comes in February and March, when hot suns following sharp frosts cause many of the plants to be loosened or thrown from the ground when not mulched.

Watering Evergreens.

Last summer was unusually warm and dry over most of the country, and both summer and fall have been noted for a marked deficiency in rainfall in many states. Before applying the regular winter mulch to evergreens, particularly such broad-leaved varieties as hybrid rhododendrons, andromedas and kalmias, it will pay to delay mulching until we get a soaking rain, or, failing that, give the plants a thorough watering artificially. Every spring we hear lamentations about the damage wrought to evergreens by the severe winter. It is far more frequently lack of moisture at the roots than cold which kills so many plants. An evergreen, no matter whether it be a conifer or a broad-leaved one, will stand the average North American winter all right if moist at the root, but where soil conditions approach dryness, the death roll is bound to be heavy, especially if, as is sometimes the case, no moisture can percolate the soil for two or three months.

A prominent nurseryman remarked a few days ago that he had come to the conclusion that it paid to water evergreens well before the ground froze up and he proposed to soak several acres of stock this fall, including not only rhododendrons, but retinosporas, abies, piceas and other varieties. This successful grower attributes his light winter losses to watering practiced in late fall, when the soil was insufficiently moist to carry evergreens through the winter. Growers of stock on a small scale might well emulate this example, particularly in the case of stock planted during the present year.



TOO COOL FOR ROSES.

Will you kindly tell me through the REVIEW what varieties of roses are best to grow in a greenhouse where the night temperature is 45 to 48 degrees? The house is twelve feet to the ridge, and has concrete walls five feet high. H. M.

There are no varieties that can be grown profitably at this temperature. It would be possible to get a few flowers from most of the varieties used for forcing, but ten degrees more is necessary for success. Golden Gate and Ivory may suffer less than most other varieties at this temperature. RIBES.

WHITE ROSES COMING GREEN.

What is the cause of white blooms coming green? C. L. W.

There are many causes for white blooms coming green. Among the most common is allowing the temperature at certain stages of growth to take a heavy drop. This is more frequently the cause than any other condition, and happens most frequently in the fall, when the growth is soft. Gross feeding can also produce the same effect. RIBES.

FERTILIZER FOR ROSES.

Under separate cover I will send a box containing some soil from my rose bed. The soil, when put in, contained one-fifth rotted cow manure, and added to this was a 3-inch pot of bone meal to the bushel.

The roses were put in July 1 and have made good growth. Some of them have new shoots coming now. Some of the buds have been allowed to mature. I should like advice as to what fertilizer to use and the quantity. There has been nothing in the soil. C. L. W.

This soil is of fairly good quality, but deficient in fiber. The compost of soil and manure is in propor proportions, as is also the addition of bone meal. There is no reason why good stock should not be produced.

A sprinkling of wood ashes once in five or six weeks would be of benefit. Liquid feeding, made from fresh cow manure, and used once a week if the weather is bright, will give vigor to the plants and size to the blooms. RIBES.

MEALY BUG AND MILDEW.

I wish to ask for your advice, as I am troubled with a scale bug on my Climbing Perle rose. It is a little grayish bug and it gets around the joints of the leaves and turns them yellow. I should like to be informed as to how to check the pest. G. H. R.

The insect on the rose leaves is mealy bug, Coccus adonidum. If this insect is attacked when it first makes its appearance, it is easily exterminated. Where there is a good force of water it is easily destroyed by the use of the syringe. Where the pest has got a good hold and is very numerous, it can be destroyed by a weak solution of kerosene emulsion.

A critical examination of the leaves revealed also traces of mildew. Take notice of this, because it is a worse trouble than mealy bug. RIBES.

BLACK SPOT ON ROSES.

I have a small house of roses and the varieties are Killarney, Richmond, Chatenay and a few plants of My Maryland. There is black spot on them and I have been trying to get rid of it, but without success. I run my house at 54 to 56 degrees at night and 63 to 65 degrees on cloudy days. I syringe once a week and I keep my plants wet. They are in good health and free from mildew. C. K. O.

The surest remedy for black spot is the copper solution (cuprum). This should be applied once a week, using a nozzle that will make a fine spray. Every part of the leaves and stems should be thoroughly wet.

Although the temperature may be kept right, it is still possible to have an atmosphere in the house unfavorable to roses and favorable to the growth of black spot. Keep the atmosphere dry and a good circulation of air in the house, by putting on some heat and giving ample ventilation. Syringing once a week is rather a risky proceeding, as at rose temperature it will be difficult to keep spider in check. It is quite usual to syringe every bright day, and good results follow. RIBES.

THE RETAIL FLORIST.....

THE BEYER STORE.

The accompanying illustration is from a photograph taken in the store of the Beyer Floral Co., South Bend, Ind., and serves to give an idea how good a flower town South Bend must be. This store has all the facilities for handling trade that are to be found in the big metropolitan stores, and of course no such facilities would be maintained if there was not the business to justify them.

The Beyers, father and sons, are progressive people and good advertisers. They constantly keep up a first-class window display, in fact, leading the merchants of their city in this respect, and they believe it is this feature of their work which brings them the large volume of business they handle.

VALUE OF INSECTICIDES.

[A paper by Prof. Tennyson D. Jarvis, of the Ontario Agricultural College, Guelph, Can., read at the twelfth annual convention of the Canadian Horticultural Association, in Toronto, November 11, 1909.]

It is difficult to give any precise idea of the relative values of insecticides, since the kinds of plants and insects to which insecticides are applied, the density of the foliage, the condition of the greenhouses, and perhaps also the cost of the material have to be accurately considered.

William Hunt, the florist at the Ontario Agricultural College, at Guelph, and D. Manly Jobbins, of New Brunswick, N. J., have devoted a great deal of time and attention to insecticides and their potency, as well as their relative values, and are therefore, to a large degree, authorities upon this subject.

In my discourse before you respecting the various matters to be considered in forming any adequate notion of the relative value of insecticides, it may be necessary for the purpose of illustration to give at least the names of the more common and important insects with which we have to deal. It is, however, not my intention to enter into any minute description of them, as their characteristics, their life history and habits are already so well known to you.

I desire to mention here the white fly as one of the most common as well as, perhaps, the worst pests which infest our greenhouses. It is a small, active insect, easily recognized by its characteristic white and wax-like secretion, which completely covers all the parts of the body. The plant louse, known to the florist as the green fly and the black fly, comes next in the series of pests and is perhaps about as common and as injurious as the white fly. It is a small, soft bodied, green, brown or black insect, with long legs and long, flexible antennæ. The scale insect is usually small and shielded by a scale over it, and is, with but little exception, stationary. The mealy bug, a member of this family, is more mobile, and, with its powdery secretion over its body, makes a marked contrast to the other species of these insects. Mites and thrips may also be mentioned as common greenhouse pests; they are very active and are most numerous on the under sides of the leaves. These being the most common insects upon which our tests for the relative value of insecticides are to be made, we intend to limit the insecticides to those most commonly used by modern florists.

Tobacco Stems.

The time and labor required to prepare this material, the refuse from cigar factories, for fumigation, the discomfort in using it, as also the likelihood of injury to flowering and tender plants, render this means somewhat undesirable. It is the old and out-of-date remedy, which florists used for want of a better one. The cost in actual outlay also exceeds that of any other remedy of equal potency, being about 5 cents per thousand cubic feet of space for effective fumigation. The difficulty in keeping tobacco dry and preventing it from getting moldy renders this means of fumigation almost valueless, and few growers on a large scale fumigate now with tobacco.

Aphis Punk for Fumigation.

The fumigation with this means, used as directed, gives very effective results for plant lice. The material is brown paper strips saturated with strong solution of nicotine. It is sold in boxes of twelve sheets in a box, retailed at 60 cents per box; by the case containing one dozen boxes, or one gross of sheets in all, $6 to $7 per case. It takes about one box of twelve sheets to fumigate thoroughly a greenhouse of plants infested with green aphis, containing about 30,000 cubic feet of space. For black aphis or black fly a ten per cent stronger solution would be necessary; the cost per thousand cubic feet of space is about 2 cents. The material is easy of application. It is also less injurious to flowering plants than fumigating with tobacco stems. The cost of storage and labor is comparatively nil when compared with the cost of tobacco stems.

There are also several other preparations of nicotine for fumigating purposes, but the one mentioned is most generally used when fumigation with nicotine is used at all. A greenhouse 21x160 feet and eleven feet to the ridge would cost from 50 to 60 cents for enough aphis punk to thoroughly fumigate it.

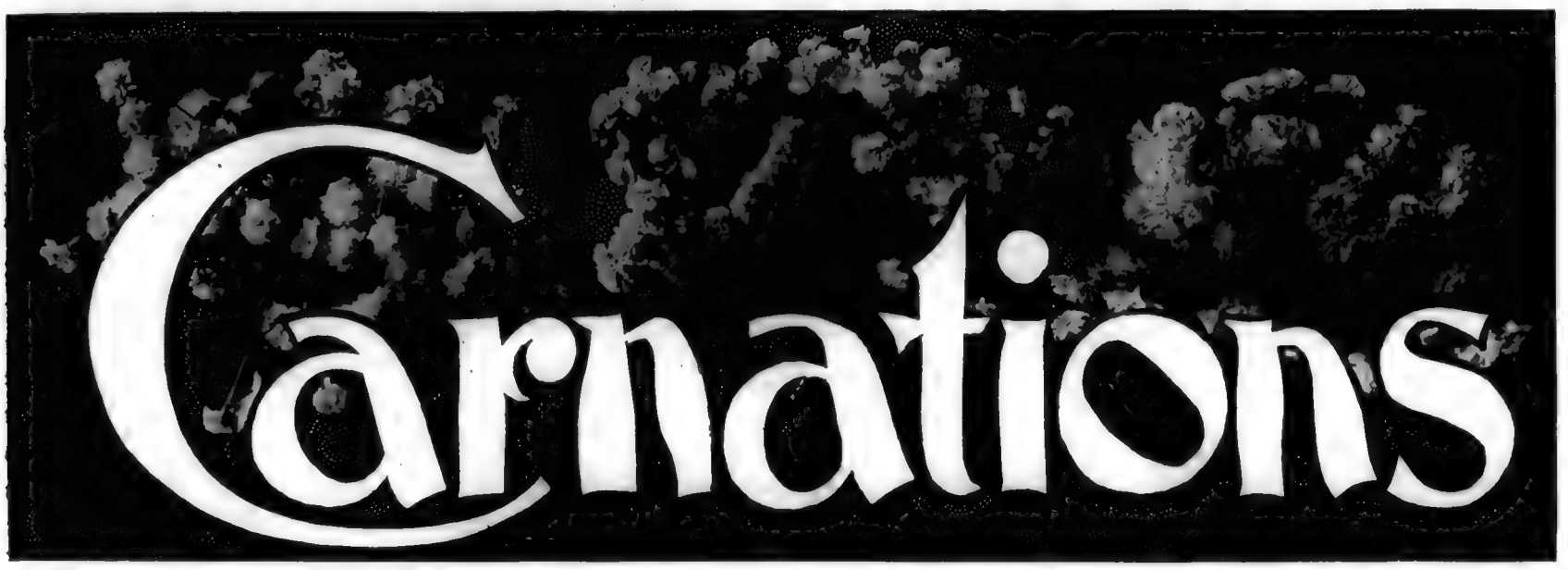
Nicotine Solution for Spraying.

There are several of these preparations made and sold. They are highly concentrated extracts of tobacco. A pint bottle costs from $1.50 to $2, and is diluted 400 to 600 parts water to one of the preparation. Mr. Hunt has found it advisable to use the 400 to one of the mixture in order to give thoroughly satisfactory results for green aphis. For black aphis on chrysanthemums a ten or fifteen per cent stronger solution is necessary, especially on old stock plants. The cost of this material is about the same per thousand cubic feet as for aphis punk. The cost of time and labor in preparing the solution and of application would be slightly more than fumigating with aphis punk, but not as heavy an item in this respect as the cost of fumigating with tobacco stems. The cost of nicotine solutions, to be effective, depends much upon the kinds of plants sprayed, the density of foliage, and whether the plants are badly infested with insect pests or not. As a rule, it is generally considered that applications of nicotine solutions are from thirty to fifty per cent cheaper, when considered from all points of view, than fumigating by the materials before mentioned. An-

(Continued on page 60.)



Store of Beyer Floral Co., South Bend, Ind.



CARNATION NOTES.—EAST.

Disbudding.

Although the operation of disbudding is generally conceded to be indispensable in the production of high grade blooms, it is doubtful if it is practiced to the extent it should be and with a clear understanding of the advantage to be derived. Too often it is regarded as a necessary evil, as something to be gotten over with the least possible exertion or perhaps postponed until the mass of surplus buds presents so distracting an appearance as to dishearten the most patient grower.

Primarily the object sought is to divert the energy which would otherwise be used in the development of side buds, into increased growth in the main one. We cannot, however, hope for an increase equal to the growth which would have taken place in these side buds, had they been allowed to remain, but we may be sure that if removed soon after appearance, there is no appreciable loss of plant energy. Inasmuch as only a part of the conserved energy will be utilized to increase the size of the bloom, a portion will go to strengthen the stem, calyx, etc.

Some years ago the question was put to me if disbudding did not cause abnormal growth in the partially developed main bud, thereby increasing the tendency to burst. Repeated experiments fail to prove this theory correct. In fact, the evidence would seem to show improvement in the opposite direction, provided the operation is properly conducted.

When and How.

Instead of allowing a mass of side buds to accumulate, these should be removed gradually and as soon as of sufficient length to be readily caught hold of. The removal in a short time of considerable growth, whether buds or cuttings, will cause a check in the plants and consequent splitting of calyxes. Besides, the benefits of the operation are lost if not performed when the buds are in the young stage.

On the other hand, there is such a thing as disbudding too early, causing injury to stem or leaves, and especially is this true if the bud directly under the main one is removed prematurely.

Under no circumstances is it excusable for injury to be done to the foliage, for, as everyone is aware, the carnation is not provided with a superabundance of leaves along its stem, and it is difficult to imagine a more inartistic bloom than one with its stem skinned to a bare pole.

Those of you who regularly read that ably conducted department of the REVIEW, "The Retail Florist," will perhaps remember Miss Blair's just criticism, some time ago, of the careless manner in which some carnations were disbudded. It clearly shows that the divine flower is not judged wholly by size of bloom, rigidity and length of stem, etc. To pass that most critical and withal final test, the feminine eye, it must needs possess qualities impossible for mere man to fully appreciate. GEO. S. OSBORN.

POOR GROWTH AND FEW BLOOMS.

I think perhaps you can give me some suggestions which will help me. I am located in northeastern Colorado and this is my first season. My carnations, when benched, were in good condition, except that they were somewhat affected with rust. They do not seem to have made the growth or flowers that I had hoped for by this time, in certain parts of the bed, and the only cause I can see is that I evidently got more manure in that part and it was horse manure. At the time I thought the manure well rotted, but I now see that it might have been more decomposed. You see, we had to put this soil and manure directly into the benches, because we had not at that time any compost heap started.

The bench that puzzles me the most probably had the largest quantity of manure in it. It is located against the west side, so that the west wall of boards, from the bench to the gutter, shades the plants along the back edge of the bench. The back edge is quite wet from drip all the time, so that I seldom water it, and yet the plants at the back seem to be growing more thriftily than those nearer the walk. Some myosotis planted along the edge next to the walk is somewhat yellow, evidently showing lack of chlorophyl in the leaves.

Now, I am puzzled whether the plants at the back really will make any more flowers than the others, or whether they are only stretching up for want of light. Our house is really remarkably light except for this. Perhaps the plants in the front of the bench are not getting enough water. I keep the soil moist. There are pipes under this bench. Does the fact that the plants next the outside are possibly cooled by the outside wall have anything to do with it?

Could I improve the soil by taking out a little and adding some buffalo prairie grass, sandy soil, on top to take its place, or do you think the plants will take a hold after a little and make up for lost time? They are now of a darker color than the ones growing more rapidly and there are always a few of the bottom leaves turning yellow. L. J. R.

After reading your letter carefully, I am inclined to suggest that your plants along the front of that west bench would enjoy a little more water. Those in the rear of this bench are probably getting more than they need, but they would stretch up that way even if they had only the proper amount of water. I would suggest that next summer you put in glass from the gutter down to the edge of the bench, to eliminate this drawing up.

I understand that in certain parts of Colorado it is impossible to get a really good natural soil. You will just have to experiment for yourself until you find where you can get the most suitable soil for growing plants. Your proportion of manure and soil is all right for some soils, while for others it would not do. Not knowing anything about your soil, I cannot advise you. Again I say, experiment. A. F. J. B.

RUST ON HARLOWARDEN.

Will you tell us what the trouble is with the carnations from which the inclosed leaves were taken? All our Harlowardens are getting into this condition. A. F. C.

Your Harlowardens are affected with the common carnation rust. This disease is not difficult to control, but if allowed to go unchecked it will do enormous damage. We attribute it usually to improper watering and syringing, connected with unfavorable atmospheric conditions. At this time of the year great care must be exercised in these respects, to prevent not only rust, but all other spot diseases as well.

By careful watering I do not mean scant watering, and the same holds good with the ventilating. The carnation enjoys liberal watering at all times, when in full growth, providing the drainage is ample. You should, however, from early in October on, syringe as little as possible, and only to keep red spider in subjection. We find that syringing once a week is sufficient, as a rule. There are always certain spots in your houses which are more favorable to red spider than the rest of the house, and these you must syringe oftener. By keeping the foliage dry you will keep the rust spores in a dormant condition. The brown, powdery substance constitutes the spores by which the rust multiplies.

It will do little good, however, to stop

syringing unless you ventilate properly to keep the atmosphere from getting foul. Fresh, pure air is one of the best fungicides, in that it invigorates the plants so that they are able to resist the ravages of the diseases. Avoid sudden chills when the weather is cold and damp. Raise the ventilators moderately first, and increase the ventilation by easy stages as the weather may require.

Do not allow your houses to run cold and damp over night, but run a steam pipe in each house, even though you may have to keep the ventilators open a couple of inches. It does not pay to be niggardly in this respect. Paint the pipe with sulphur, lime and water about once each week. Dust your plants with air-slaked lime and sulphur, half and half, or better still, get some Grape Dust and dust it on.

If you will follow these suggestions you will have little further trouble with rust. A. F. J. B.

THE WORLD'S LARGEST FUCHSIA.

Alexander McConnell, the New York florist whose name is familiar to most readers of the Review, is a native of the Isle of Man, that interesting, romantic, tiny speck of ground near the west coast of England. It was during a recent visit to his birthplace that Mr. McConnell procured the photograph of the immense fuchsia which is shown in the illustration.

Fuchsias attain to great size and perfection in the island, on account of the remarkable equability of the climate. The average outdoor temperature is about 59 degrees in summer and 42 degrees in winter, and thus the difference between the summer and winter averages is only about 17 degrees. In that wonderfully uniform climate some palms and other plants, which in other temperate latitudes require artificial heat, grow throughout the winter in the open air. Bedding plants of all kinds grow luxuriantly and flower abundantly. Hedges of fuchsia are frequently seen in front of cottages.

The fuchsia illustrated is growing within the grounds of S. A. Whitham, Ballure House, Ramsey, Isle of Man. It is twenty-three feet in height and 105 feet in circumference and is believed to be the largest fuchsia in the world. The variety is a prolific bloomer, and when Mr. McConnell last saw it, early in September of this year, it was loaded with blossoms. On a former visit to the island, twenty-four years ago, Mr. McConnell noted that the fuchsia was then an immense specimen, and since then it has grown more in diameter than in height.

The Isle of Man is only about 12x33 miles in extent, and is so completely occupied by a mountain range, stretched over everything like a huge reposing animal, that one would suppose there would hardly be room for anything else. Yet about seventy per cent of the area, at last accounts, was under excellent cultivation and the balance of the space was utilized for pasturage. There is also some beautiful scenery, reached by good roads, which are traveled in summer by hosts of visitors. There are good English schools and the Manx language is rapidly becoming extinct.

Though the island is under the government of England, yet the modern institutions are strangely mingled with many peculiar remnants of ancient laws and customs, and the combination forms a fascinating subject of study. No wonder that Mr. McConnell's fellow Manxman, Hall Caine, the novelist, found plenty of good material around him for the writing of "The Manxman," "The Deemster," "The Bondman," and other stories.



The Largest Fuchsia in the World.

GYPSOPHILA PANICULATA.

The well known baby's breath is one of the florists' indispensables among hardy herbaceous perennials. If your stock of these is light, it is not yet too late to secure and plant a few more. Do not forget to try a few plants of the double flowering form. This cannot be raised from seed, like the single variety, but is a splendid thing for bouquet and funeral work. It is not generally known how useful this gypsophila is in spring if gently forced. Now that the plants have had a few good freezings, dig up some of them. Pot singly or place several in boxes six to seven inches deep. Stand outdoors until they have one or two good freezings. Then store in a frame or pit until you want to start them, which can be done any time after the middle of December. Gypsophila does not respond encouragingly to hard forcing. A temperature of 45 degrees for a start, advancing to 50 degrees, is quite warm enough at night for it.

COST OF METERED WATER.

In answer to R. M.'s inquiry as to rates on water by meter, I am sending you the meter scale of the city of Lynchburg, Va. The monthly charges are as follows:

2,500 gallons ..... 50 cents
Excess, 17 cents per 1,000 gallons to 5,000.
5,000 gallons ..... 93 cents
Excess, 14 cents per 1,000 gallons to 15,000.
15,000 gallons $2.33
Excess, 11 cents per 1,000 gallons to 50,000.
50,000 gallons $6.18
Excess, 8 cents per 1,000 gallons to 100,000.
100,000 gallons $10.18
Excess, 6 cents per 1,000 gallons to 200,000.
200,000 gallons $16.18
Excess, 4 cents per 1,000 gallons to 300,000.
300,000 gallons $20.18
Excess, 3 cents per 1,000 gallons for all over.

My water bill averages about $1 to $1.25 per month. I have about 10,000 feet of glass and also have my residence connected with the same meter. As you will notice, the more water used, the cheaper it is. Harry R. Brown.

MARGUERITES.

The growth now being made by the young marguerite plants is rapid and they will need frequent overhauling, as they fill the pots with roots rapidly. As chrysanthemums pass, it is possible to give the marguerites more space. It will not be possible to flower much of this young stock for Easter unless pinching is now discontinued, but as there is a steady call for marguerite blooms through April, May and June, there should be no trouble in disposing of the plants or flowers. Plants carried over summer in pots, or such as were lifted from the open ground and potted, will now be throwing some flowers and giving promise of a nice crop six weeks hence. Keep these in a night temperature of 50 degrees. Feed liberally when once the pots are full of active roots and never allow the plants to suffer from dryness.

WASHINGTON.

The Market.

A few days of cold weather the first part of the week checked the supply of cut stock considerably and it would undoubtedly have been for the best had Indian summer not returned. Mums are about over and the end of the week will wind up their season. Beauties have been in heavy supply. Carnations still seem scarce and will continue so until steady cold weather sets in, then stock and prices will improve.

New Wholesale Florist.

Washington now has her second wholesale florist, the name of the new firm being the Washington Florists' Exchange. This new firm was incorporated under the laws of the District of Columbia and is now doing business at 729 Thirteenth street. At a meeting November 15 the following officers were elected: President, J. L. Loose; vice-president, Theo. Dietrich; secretary, Robert Bowdler; treasurer, John Robinson; manager, Albert Schnell. Mr. Schnell has managed the local branch of the Pennock-Meehan Co. He will be assisted by Mrs. Schnell. The Washington Florists' Exchange will handle a full line of florists' supplies as well as cut flowers and plants.



Flowers for Seed at Fairfield Farm, Randolph, Wis.

Various Notes.

Z. D. Blackistone has returned from a shooting trip to lower Maryland, River Springs and Blackistone's Island. Mr. Lauscher, of this firm, is all smiles these days, as he is papa of a fine daughter.

A trip to the establishment of David Grillbortzer, Alexandria, Va., shows things to be in excellent shape. All that was left in the mum section was one bench of Timothy Eaton that were just about ready to cut. The carnation houses promise a heavy cut for Christmas. All the best commercial varieties are to be seen here. The roses are grown in the new range put up last season. Richmond occupies considerable space and the plants are extremely vigorous. Killarney is his heaviest crop and just at present is in full cut. It is an inspiration to go through this house. My Maryland and Ivory are also grown at this establishment. A bench of poinsettias that will be ready to cut in two weeks was a beautiful sight. Mr. Grillbortzer is looking forward to a good season and with the condition of his stock at present there is no reason why his expectations should not be realized.

Just across the road are the greenhouses of the Washington Florist Co. Everything at this place is spick and span. Here a general line of stock for the retail trade is grown, including a lot of pot plants, such as cyclamens, begonias, primulas, California peppers, poinsettias and some fine adiantums. Carnations are good, with a nice cut each day. Several benches of Beauties are in fine shape, producing some good stock. Cardinal takes the lead in red, with My Maryland in pink. Mrs. Taft is coming on fine, throwing heavier canes than almost any other rose. Orchids and gardenias are an important crop at this place. This is the only firm in this neighborhood that has taken up the culture of gardenias. So far it has been more than satisfactory. All the output is disposed of by the firm's two stores in Washington.

Gude Bros. Co. is displaying in the window this week a collection of orchids that attracts a great deal of attention.

Two new automobile delivery wagons were put into commission in the last few weeks by florists, one by Fred H. Kramer, the other by Z. D. Blackistone. Mr. Blackistone's "On Time" is very appropriate, as there is nothing like being on time in these matters.

The first load of holly struck this city last week and certainly was fine. It is unusually heavily berried.

Wm. J. Moore, of Philadelphia, has filled the vacancy in the store of the Pennock-Meehan Co. caused by the resignation of Mr. Schnell.

Paper Whites have made their appearance in this market and were given the glad hand.

Visitors: Sydney Bayersdorfer, representing H. Bayersdorfer & Co., and Mr. Schott, representing M. Rice & Co., both of Philadelphia. W. F.

FLOWERS FOR SEEDS.

The accompanying illustration is from a photograph taken in September at the Fairfield Seed Farm of the J. W. Jung Seed Co., Randolph, Wis. Although only flowers are shown in the photograph, the farm also raises a large acreage of garden and farm seeds. Peas, beans, sweet corn, cucumbers, radish, tomatoes and muskmelons are the leading garden seeds grown there.

In farm seeds they make a specialty of breeding Dent varieties suited to the northern states, but also give considerable attention to barley, oats and clover seed.

SOCIETY OF AMERICAN FLORISTS.

Retail Florists' Delivery Association.

Pursuant to action of the preliminary meeting of retail florists held at Chicago, the following have been appointed a committee on organization of a Retail Florists' Delivery Association: J. A. Valentine, Denver, Colo., chairman; William F. Gude, Washington, D. C.; Philip Breitmeyer, Detroit, Mich.; W. L. Palmer, Buffalo, N. Y.; E. Wienhoeber, Chicago, Ill.; John Bertermann, Indianapolis, Ind.; W. L. Rock, Kansas City, Mo. W. N. Rudd, Sec'y.

Nov. 12, 1909.

Registration of Cannas.

Public notice is hereby given that the Conard & Jones Co., of West Grove, Pa., offers for registration the plants described below. Any person objecting to the registration or to the use of the proposed names is requested to communicate with the undersigned at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Description—Green foliage, strong grower, moderate height, huge heads of fiery scarlet, with yellow throat and narrow rim of yellow, round petals. Name—Halley's Comet.

Description—Green foliage, vigorous grower, four to five feet, flowers extra large, petals broad; color, La France pink. Name—Mrs. Alfred C. Conard.

Description—Green foliage, six to seven feet high, enormous flowers, beautifully wavy petals, orange scarlet, wondrously flaked with gold; an improvement over Mrs. Kate Gray. Name—Mrs. Carl Kelsey.

W. N. Rudd, Sec'y.

Nov. 20, 1909.

OBITUARY.

Jens P. Brudahl.

Jens P. Brudahl, of Racine, Wis., died Monday, November 15, at St. Luke's hospital, after a short illness with pneumonia. The funeral was held Saturday, November 20, from the Dania hall. Mr. Brudahl was 75 years of age, a native of Denmark, and came to Racine in 1867. He was one of the most prominent citizens of the city. His last resting place was amid a wealth of flowers, one of the most striking pieces being a large easy chair which his son-in-law, M. B. Lassen, had covered with flowers and which stood at the head of the casket. Six Racine florists, Messrs. Benstead, Burgens, Adams, Miller, Olsen and Porter, acted as pallbearers.

Frederick C. Schneider.

Frederick C. Schneider, one of the oldest florists of Detroit, Mich., died Monday morning, November 22. He was 68 years of age and had been engaged in the florists' and market gardening business in Detroit for at least forty years.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1909: President, J. A. Valentine, Denver, Colo.; vice-president, E. G. Gillett, Cincinnati, O.; secretary, Willis N. Rudd, Morgan Park, Ill.; treasurer, H. B. Beatty, Pittsburg.

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
THE REVIEW brings results.

THE REVIEW would like to receive good, sharp photographs of some well-filled fern dishes.

HOW many growers are keeping the records needed to intelligently answer the questions for the census of floriculture next year?

IT always is easiest to get the patronage of those whose trade is least worth having; the man to whom payment is an unconsidered matter cares not about the price.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THE many uses that are found for modern advertising methods are well illustrated by the use of space in the leading Chicago daily now being made by W. N. Rudd's Mount Greenwood Cemetery.

WHEN the Wells-Fargo Express Co. last week declared a dividend of 300 per cent it put in the hands of the shippers a strong argument against the periodical advances in rates which all the express companies are making.

WHY is it people write to newspapers, asking perfectly legitimate questions, and fail to sign their names? The REVIEW does not answer anonymous inquiries in its columns. J. D. H., Cupertino, Cal., is not a subscriber and it therefore is impossible to identify him. And there are others.

MONEY FOR BOTH.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

I do not know how I could get on without the Review; it certainly is a money-maker for the subscribers and advertisers. By reading the last three copies I made $30, and perhaps more, for the trades do not all come in at once, you know.—L. M. Smith, Laurel, Del.

NATIONAL FLOWER SHOW.

A meeting of the National Flower Show committee was held at Horticultural Hall, Boston, November 19, for the purpose of organization and arranging a preliminary schedule. President-elect Pierson presided and S. J. Goddard, secretary of meeting, J. K. M. L. Farquhar, Robert Craig, Edward A. Stroud and William J. Stewart, of the S. A. F. committee, were present. The committee inspected Mechanics hall and obtained an option on it for March 23 to April 4, 1911.

About $15,000 will be apportioned for premiums.

All the committee present were enthusiastic over the outlook for Boston, 1911. Mr. Pierson requested the Massachusetts Horticultural Society, Boston Coöperation Flower Market, Park Street Market, and Gardeners' and Florists' Club to each appoint three members to compose a general committee. The Massachusetts Horticultural Society will appoint at its next regular directors' meeting. The Boston Coöperation Flower Market has appointed Wm. H. Elliott, Morris F. Comley and John McFarland. The Park Street Market has appointed S. J. Goddard, E. Allan Peirce and Alex Montgomery. The Gardeners' and Florists' Club has appointed P. Welch, Duncan Finlayson and T. Roland.

The next meeting will be upon the call of committee on preliminary schedule.

Mechanics hall contains 105,000 square feet of exhibition floor space.

S. J. GODDARD, Sec'y.

CHICAGO.

The Great Central Market.

Thanksgiving is not a holiday to be compared with Christmas, Easter or Memorial day, but this year it assumed unusually large proportions in the market because of the fact that turkey day came just at the time the weather changed. Following several weeks of unseasonably warm, bright weather, the change to dark, cold days resulted in a considerable curtailment of production. The reduction in crops was not only apparent in the Chicago district, but it occurred simultaneously throughout all the middle west, with the result that the shipping demand increased decidedly. It would have increased anyway, had it not been Thanksgiving, but the extra demand for flowers for the holiday dinner-tables served to give the market an extra activity. The reduction in supplies came just at a time when the chrysanthemums were pretty well cut out with many of the out-of-town growers who have been supplying their local demand, and this always means that buyers will come back into the Chicago market for roses and carnations.

The week beginning November 14 was little if any better than the week preceding, which was the worst November week this market has experienced in years. Toward the end of last week the reduction in supplies had begun to affect the market, but it was too late to make a satisfactory average for the growers that week. While the business increased largely at the beginning of this week, and prices advanced, the change was only sufficient to put the market on a good early winter footing. The price of Beauties went up above the normal rate for the season, because the supply for the last few days has been extremely light, but the value of other flowers was not above what it usually is at this date, and on some leading items, like violets, the price has been below that of last year. The buyers have been having things pretty much their own way the last few weeks, and many objected to paying the prices asked this week, but really they were paying no more than they ordinarily pay at this time of the year, and the only special cause the growers have for thanksgiving is that the market had resumed the normal condition.

While Beauties are scarce, other roses have been about equal to the demand, though the supply is only half what it was ten days ago. The dark weather has hurt the quality of roses. Killarney is even better, compared to Maid, than it usually is. White roses again are

Order Today Some of Our

Killarney

And you will know where to get your supply for the holidays.

We have had a big cut of fine Killarney for two months or more, but the real crop is just coming on—timed to be at its heaviest at Christmas. This certainly is grand stock—a good proportion of the "special" lengths, but mostly "selects" (medium to long), that every retail store can sell in quantity if the customers only see them. We want you to try these now, so we shall be sure of your order for Christmas when we shall have a big cut of Specials and all other lengths.

CARNATIONS

Most of the stores that need good Carnations know that year after year we have had the finest and most uniform large supply of Carnations offered on this market. The crop is on again and the quality never was better. From now till summer you cau wire Amling and be sure you are calling on the largest lot of really good stock in this market.

BEAUTIES

No matter if Beauties are scarce, we always have them, the best stock, carefully handled, sure to fill the bill where buyers are critical.

VIOLETS

If your competitors do business with the ordinary Violets, try ours; you can pull the trade your way, just as we are doing, once you let people know the quality of your Violets. You will agree we have "the cream of the Hudson River doubles," also fragrant home-grown singles. Try some today.

Green Goods

Use Smilax in your decorations. We can supply it by the hundred or thousand; $10 per 100; $80 per 1000. Plenty of Asparagus bunches. All other Greens in large supply.

Fancy Valley Always on Hand

Current Prices

AMERICAN BEAUTY	Per doz.
Long stems	$5.00 to $6.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.25
Short	per 100, $8.00

	Per 100
Killarney, special	$10.00 to $12.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
Richmond, special	10.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
My Maryland, special	10.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
White Killarney, special	10.00 to 12.00
" select	6.00 to 8.00
" seconds	4.00
Maid and Bride, special	8.00
" " select	5.00 to 6.00
" " seconds	3.00 to 4.00
Mrs. Field	3.00 to 6.00
CARNATIONS	
Common and short	2.00
Select, large and fancy	3.00 to 4.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	1.00 to 1.25
" fancy single	.75 to 1.00
Chrysanthemums	
Large and fancy, doz., $2 to $3	
Medium.....doz., $1.50 to $2.00	
Small	8.00
Pompons, 35c to 75c bunch (about 50 flowers)	
Sweet Peas	1.00 to 1.50
Valley	3.00 to 4.00
Easter Lilies.....per doz., $2.00	15.00
Stevia	2.00
Paper Whites	3.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri....per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax.....per doz., $1.50	10.00
Ferns.....per 1000, 1.50	.20
Galax, bronze.... " 1.00	.15
" green..... " 1.00	.15
Leucothoe	.75
Boxwood.....35c bunch; $7.50 case	
Mexican Ivy.....per 1000, $7.50; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Reliable Christmas Greens

We do not claim cheapness for our Christmas Greens **except** as "the best is always the cheapest," and this is specially true of Holiday Greens. It is **quality you want and we offer.** Don't be caught by lower prices; be sure of the quality. Here is as cheap as the best stock can be sold.

MOUNTAIN LAUREL
Medium Laurel Wreathing, per 100 yds..$6.00
Heavy Laurel Wreathing, per 100 yds... 8.00
Branch Laurel, per bunch..... .75

BEST DELAWARE HOLLY
XXX Brand. Well berried, in full size cases.
Per case.....$ 5.00
5 cases..... 23.75
10 cases..... 45.00

WILD SMILAX
Best grade obtainable. 50-lb. case.....$5.00

HOLLY WREATHS
12-inch, single, per dozen.....$ 2.00
12-inch, single, per 100..... 12.50
12-inch, double, per dozen..... 3.00

WINTER BERRIES
Per case.....$ 3.00
5 cases..... 14 00

CHRISTMAS EVERGREEN WREATHING
Medium, per 100 yds.....$3.50
Extra Heavy, per 100 yds..... 5.00

EVERGREEN WREATHS
12-inch, plain, double, per dozen.....$1.50
12-inch, with Immortelles, per dozen.... 2.00

MISTLETOE—Quality the best.
1 lb.....$0.25
5 lbs..... 1.20
10 lbs..... 2.25

ITALIAN BOXWOOD
Per bunch.....$0.25 50-lb. case.....$7.50
This is especially imported and is of the finest quality.

All prices on above goods subject to changes. Send for complete illustrated Price List of Christmas Specialties.

Order Now—CHRISTMAS RIBBON—Order Now

Red and Foliage Green. No. 5, per bolt, 25c. No. 16, per bolt, 60c. No. 22, per bolt, 75c. No. 40, per bolt, 90c. No. 80, per bolt, $1.00.

JAPANESE AIR PLANT
Large lot of specially fine bunches just received.

CORRUGATED BOXES
Just what you need for shipping Wreaths, etc.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

selling fairly well. Richmond has sprung into favor.

Really first-class carnations are holding up fairly well, but generally speaking the carnation market is weak. With the prices so low as they were, it is only natural that the growers should have saved up stock, hoping for an extra demand this week. This accumulated stock has been selling according to value, and some of it had hardly any money value. The result is a wide range in prices, with the usual disappointment at averages.

Chrysanthemums have sold better this week than at any time recently. There has been an adequate supply of the big, fancy, late varieties; so many, in fact, that they have not realized their full value; but good small flowers have not been equal to the demand at the price. Chrysanthemums are now fairly well cleaned up, but there will be mums in the market for a month yet.

Violets have not realized as much money as they did last Thanksgiving. Sweet peas are more abundant. There is plenty of valley, but it has been selling well. Stevia, bouvardia and mignonette, with Paper Whites, are now available.

There is nothing new in the green goods market, but boxwood of good quality is again selling fairly well.

Club Meeting.

The Florists' Club held an adjourned meeting at the Union restaurant November 18 to felicitate itself on the financial outcome of its connection with the flower show and to voice the hope of its members for still better things. This is the first time on record that the club has made a penny out of the show, and many speakers thought the time has now come when the club should be admitted to full partnership in the exhibitions of the Horticultural Society.

According to reports presented by E. F. Winterson, J. B. Deamud, Ed Enders, Fred Lautenschlager and D. A. Robertson, for their various committees, the club has a net profit on the show of between $400 and $5 0, while the Horticultural Society, in the face of the bad last day, made about $2,600 net. Of the club's income, $472.13 came from the flower booth, where the profit fell only about $75 short of what was made in the nine days during the national show last year. The committee spoke a word of appreciation for Poehlmann Bros. Co., Bassett & Washburn, Wietor Bros., Peter Reinberg, J. A. Budlong, George Reinberg, E. F. Winterson Co., Zech & Mann, C. W. McKellar, J. B. Deamud, C. A. Samuelson and Schiller, who donated stock. All the committees were discharged with thanks, and H. E. Philpott, the member from Winnipeg, was given a special vote of appreciation for his work.

G. D. Reid and Ed Assa were elected to membership, and the names of A. C. Kohlbrand, J. H. Prost and Joseph Koboquist were proposed.

The names of August Poehlmann and C. L. Washburn were added to those of W. N. Rudd, J. C. Vaughan and Leonard Kill to consider the matter of asking for the 1911 S. A. F. convention.

Fred Lautenschlager gave a short account of the St. Louis and Milwaukee shows and the secretary was instructed to express to the clubs of those cities the congratulations of Chicago and the club's thanks for hospitalities shown its members.

T. E. Waters acted as secretary in the absence of Secretary Johnson, who was out of town. Refreshments were served, as usual.

Various Notes.

Louis Bauscher and his son, James, of Freeport, Ill., have been in town buying supplies for the new store they plan to open shortly.

Fourteen young ladies, employees of the W. W. Barnard Co., had a jolly time Saturday evening, November 20, at a theater party, preceded by a chop suey supper. The boys were barred from the festivities, as this was strictly ladies' night, and the girls report the time of their lives.

The executive committee of the Horticultural Society held a meeting November 19 to approve reports on the flower show. It appears that the profit was about $3,200, a few accounts yet remaining to be adjusted. So successful did this show prove, costing slightly more than $9,000, that it already has been decided to hold one in 1910, and George Asmus has been appointed a committee of one to draft a preliminary premium list. J. H. Stockmans was voted $100 in recognition of the merit of his landscape plan for the last show, and Manager Asmus, Press Agent Burdett and Ed Hauswirth, who had charge of the admission, each received a recognition in cash for their good work, to which the success of the show was largely due,

WANTED

Every **Florist** and every **Gardener** in every town of every state in the Union to use

Aphine

Make it your
"Buy" Word

Send for descriptive circular

George E. Talmadge
Madison, N. J.

Mention The Review when you write.

CARNATIONS

We want every buyer to get acquainted with our superior supply of Carnations. Splendid stock; none better anywhere, and not many as good; the kind of Carnations it is a pleasure to set before a customer. And OUR SUPPLY IS THE LARGEST of any house west of Philadelphia. Can ship thousand lots as promptly as smaller quantities—any color. We want specially to hear from those who use 200 to 1000 a day—want their standing orders.

KILLARNEY

We are leaders on Killarney and White Killarney in this market. Good grade, $4.00 to $8.00; extra long, $10.00 to $12.00.

VIOLETS

The Violets we handle are considered the finest coming into the Chicago market. Regular standing orders solicited. Special prices on large lots.

Richmond, Maryland, Maid and Bride, fine stock in good supply.

All sizes and colors of Mums still available.

Fancy Valley always on hand, $3.00 per 100; extra select, $4.00 per 100. Finest Fancy Ferns, $1.50 per 1000.

MEXICAN IVY, 75c to $1.00 per 100. **WILD SMILAX—headquarters for the best grade of stock.**

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

...HEADQUARTERS FOR...

CARNATION BLOOMS

	Per 100	1000
Carnations, select stock	$ 3.00	$ 30.00
Single Violets, long stem fancy stock	.50	5.00
Chrysanthemum White Bonnaffon	12.50	100.00
Marguerite Daisies	.50	5.00
Fancy Cut Ferns		1.50
Leucothoe Sprays	.50	5.00

Galax, green	per 100, 10c; per 1000,	$ 0.75
Galax, green	per 10,000,	6.00
Boxwood	per bunch, 25c; 50 lbs.,	7.50
Boxwood	100 lbs.,	14.00
Green Sheet Moss	per bale, 25c; 5 bales,	1.00
Fresh Sphagnum	per bale,	1.00
Red Immortelles	per doz.,	2.25
Smilax	per doz.,	1.50
Wild Smilax	large case.	5.00

I would be pleased to quote you prices on any Cut Flower or Florists' Supplies you may want.

WILLIAM MURPHY, Wholesale Commission Florist

311 MAIN STREET, **CINCINNATI, OHIO**

Mention The Review when you write.

bringing the net profit down to around $2,600.

The retailers had a rally at the Masonic Temple November 18, to which every retailer in town had been invited, and which brought out a large attendance for the discussion of mutual interests. The retailers are pushing along in their work of harmonizing divergent views and their efforts seem likely to result in putting the business in Chicago on a better footing than ever before.

E. C. Amling says that Monday, November 22, brought a heavier run of shipping than any preceding day this season.

Poehlmann Bros. Co. says that after having tried all sorts of wood and paper boxes for the shipment of its stock from greenhouses to store, the most satisfactory and cheapest has proven to be the one made by the Sefton Mfg. Co., on Thirty-fifth street, out of extra heavy corrugated board. Some of these boxes have made as many as thirty trips from Morton Grove to the city. On each trip nearly the cost of the box is saved on express charges, and the return of the empties, bundled, is far cheaper than with wood empties that now cost 10 and 15 cents each to return. After the boxes are pretty well worn they are used for shipments to customers in nearby towns, thereby taking the place of a wood box and saving express charges for the customer.

Bassett & Washburn say the fame of the O. P. Bassett carnation has spread around the world and they have received orders from Europe for several thousands of cuttings. They expect to do a big business in young stock again this season, on Bassett, White Killarney and My Maryland.

George Asmus became a thirty-second degree Mason last week, the ceremony lasting through three days and concluding with a banquet.

Frank Johnson has been on one of his semiannual trips to the Twin Cities and Duluth for the A. L. Randall Co.

The E. Wienhoeber Co. reports the busiest season in the history of the business. Saturdays have been extremely busy with debutante work, for which long roses principally have been used, but there has been a big run of funeral work and table work. It is reported that the Wienhoeber Co. expended close to $900 in maintaining its booths at the flower show, though Mr. Wienhoeber himself is not saying anything about it.

Kyle & Foerster have added another ice chamber to their big cool room, thereby giving them much better control of the temperature during hot weather.

Conrad Wolfe, of Duluth, was one of the week's visitors.

J. D. Thompson and the company which bears his name at Joliet threshed out another of their legal difficulties last week. It was a suit to determine the ownership of some of the personal property, including several cups and medals won at flower shows.

George Fabyan, who owns the Riverbank Greenhouses, at Geneva, formerly the Harvey establishment and later conducted under the name of Engledew & Co., is rebuilding the houses at the southern end of the property, the removal making room for landscape work which is in contemplation.

Kennicott Bros. Co. received a carload of eastern ferns by express November 22 for cold storage.

Charles Schneider, who formerly did business as the Central Floral Co., has filed a petition in bankruptcy. There are quite a number of small claims, especially among the smaller growers who sell their own stock. Miss Eaton, formerly in the flower business, also has gone into bankruptcy, but her liabilities are principally to the landlords on leases. Two or three other buyers have shut up shop, affording further lessons in the necessity for requiring cash from buyers of unknown responsibility.

The E. F. Winterson Co. is receiving from F. R. Gilman, Rhinebeck, the Mrs. Gilman violet in excellent condition.

Anton Then, Jr., was found lying unconscious in one of his father's greenhouses November 18. His brother, John, who made the discovery, called help to take him home, where he now is seriously ill with typhoid fever. Mrs. Then is still in the hospital, where her daughter was born November 10.

C. W. McKellar says that it is impossible to get anywhere in this country all the cattleyas that are required just now, between the crops of labiata and

Roses :: Violets

Best Beauties, Fancy Carnations

The North and Northwest, where the florists all are doing a big business, are learning to rely on Milwaukee for their Cut Flowers. Large supply and the quality second to none in the whole United States. The superior quality of

Milwaukee Stock Was the Notable Feature of the Fall Shows

Buyers who have not yet tried Milwaukee stock should send us an order now. The stock and service will cause you to become a regular customer.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write.

Trianæ. He says that under the circumstances buyers are using Dendrobium formosum, but that the shortage will be overcome by the arrival of Trianæ in another ten days or so.

A. Lange was the only retail florist who attended the land show banquet at the Congress hotel November 20.

A visit to the greenhouses of Ernest Oechslin, at Maywood, shows prospects for a good Christmas and spring trade. He has one house each of azaleas and poinsettias and his men were busily engaged potting lily bulbs for the spring. Mr. Oechslin says he is now crowded for room, but there is little chance to expand at present, as his ground is now practically all under glass and the adjoining property is built up.

Joseph Kohout, carnation foreman at Bassett & Washburn's, is doing a fortnight's term of jury duty at Hinsdale.

Bowling.

The Carnations lost three straight to the Bullard & Gormley team November 20, but they still lead the Florists' League. The scores November 18 were:

Orchids.	1st	2d	3d	Carnations.	1st	2d	3d
Hueber	125	118	126	Ayers	135	198	119
Graff	151	137	126	Pasternick	155	115	138
Kruchten	161	133	180	Krauss	161	118	124
Vogel	97	113	122	Farley	199	153	118
J. Zech	118	124	162	A. Zech	139	134	170
Total	652	625	716	Total	789	718	669

Violets.	1st	2d	3d	Roses.	1st	2d	3d
Bergman	129	132	221	Wolf	116	140	126
Johnson	149	152	135	Goerisch	112	133	121
J. Kruchten	103	115	151	Pieser	101	125	114
Lieberman	102	157	161	Orseske	123	134	113
Yarnell	153	129	137	Skafgard	164	160	107
Total	635	685	805	Total	613	692	581

PETER REINBERG

35 Randolph St., CHICAGO

Current Price List

American Beauties	Doz.
Long stems	$4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$0.75 to 1.00

ROSES	Per 100
Richmond	$4.00 to $10.00
Bride	4.00 to 8.00
Maid	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Uncle John	4.00 to 6.00
Killarney	4.00 to 8.00
My Maryland	4.00 to 10.00
Mrs. Field	4.00 to 10.00
Carnations	2.50 to 3.00
Mums.doz., $1.50 to $3	
Ferns ..... per 1000,	1.50
Asparagus...bunches	.50 to .75

ROSES, our selection, $4.00 per 100

Mention The Review when you write.

NEW YORK.

The Market.

This week opened cloudy and colder, with the hope and prospect of crisp, seasonable weather. Shipments towards the close of last week decreased in volume and a general cleaning up at somewhat better prices gave the street encouragement.

Early this week it appeared that Thanksgiving prices would be reasonable. The holiday is not expected to be other than a good Saturday at this busy time of the floricultural year.

The demand for orchids from out of town grows constantly. The local call is persistent. The amount of stock sent in will not go around. Prices are advancing. The chrysanthemum supply is immense and the quality of most of it now superb. For the medium and inferior grades there is little demand, and these go at any offer, but the Chadwicks, Bonnaffons and Gold Mines are snapped up rapidly.

Carnations have held well at 2 cents in quantity for the best stock, with a higher rate at times for the novelties or small lots. Valley and lilies do not vary. Narcissi and bouvardia are here. Gardenias, when perfect, bring $4 a dozen, and few can be had under $2 of any grade. The demand is greater than the supply. There are no more of them on the streets. The big football games lifted the violet market; 75 cents was top, with 50 cents per hundred in bunches of fifty, and half of that for anything the street men handled.

There are many large weddings booked for this week and next, with a large number of debutante affairs, so the leading retailers are having a good run of work.

Various Notes.

Monday, December 13, the Florists'

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

Specially Fine Roses

If your trade calls for the best long Roses, we have long, fancy stock in large quantities in all leading varieties, but especially in

Killarney and My Maryland

Of course we have plenty of medium and shorter roses for all orders. Can meet any demand in the rose line.

Carnations--Fine Stock--Large Supply

HEADQUARTERS FOR WILD SMILAX ON SHORT NOTICE

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long specials	$5.00 to $6.00
30 to 36-inch	4.00
24-inch	3.00
18 to 20-inch	2.00
15-inch	1.50
Short	per 100, $6.00 to 8.00

	Per 100
WHITE KILLARNEY, extra long, fancy	$10.00
Long	8.00
Medium	6.00
Short	4.00
MY MARYLAND, extra long, fancy	10.00
Long	8.00
Medium	6.00
Short	4.00
KILLARNEY, fancy	10.00
Long	8.00
Medium	6.00
Short	3.00
MAID and BRIDE, select	6.00
Medium	4.00
Short	$2.00 to 3.00
RICHMOND, fancy, long	8.00
Medium	4.00 to 6.00
Short	2.00 to 3.00

	Per 100
KAISERIN, extra long, fancy	$10.00
Long	8.00
Medium	6.00
Short	4.00

EXTRA SPECIALS CHARGED ACCORDINGLY

	Per 100
CARNATIONS, fancy	$ 5.00
" select	$ 3.00 to 4.00
" splits	2.00
CHRYSANTHEMUMS—	
White, yellow and pink, doz.,	$1.50-$2.00
Fancy	doz., 3.00
POMPON MUMS, pink, white and yellow, per bunch, 50c and 75c.	
VIOLETS, New York Doubles	1.00 to 1.50
Singles	.75 to 1.00
HARRISII LILIES	doz., $2.00
VALLEY	3.00 to 4.00
PLUMOSUS SPRAYS, SPRENGERI	3.00 to 4.00
PLUMOSUS STRINGS, extra long	60.00 to 75.00
SMILAX	per doz., $2.00
GALAX	per 1000, 1.50
FERNS	" " 1.50
ADIANTUM CROWEANUM	1.00
LEUCOTHOE	.75
WILD SMILAX, 50-lb. case, $5.00; small case, $3.50.	

VISIT OUR GREENHOUSES WHENEVER YOU COME TO CHICAGO—

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

Club holds its final meeting for the year. It is election night. The house committee will dispense liberally.

Kessler Bros. say they are doing a land-office business with decorative plants for florists who have no facilities for keeping palms in their stores. They handle large quantities of boxwood and have beautified many of the large hotels with window-boxes and evergreens. The sympathy of the trade is extended in the loss of their brother on Monday, November 15.

Mr. Warendorff, of the Ansonia hotel, had a swell wedding last week at Riverside, in which large quantities of white and pink mums and American Beauties were used. The immense hall of the mansion was covered with wild smilax and Beauties, the canopy of lilies, the bride's bouquet of valley and orchids. Miss Horn, formerly with Bloomingdale Bros., is now at the Ansonia, and, with Herman Warendorff, directed the decorations.

Nicholas Schreiner has embarked in the retail business in Solinger's store, at Seventy-first street and Lexington avenue.

The Hoffmeir flower shop is now open at Eighty-sixth street and Broadway, directly opposite the Belnord flower store, where Mr. Brown presides. Mr. Hoffmeir is a popular artist and his new store is in one of the best sections of New York.

The Harris-Inderleed wedding at the Prince George hotel last week was decorated by J. F. Sharkey. The new store has started well. Mrs. Sharkey is in charge of the office and H. R. Scommodan is the artist.

F. A. & E. J. Chapin, of Pine Brook, N. J., have leased their place to P. J. Schroeder. They grow smilax and asparagus, which are handled by N. Lecakes & Co. John A. Foley, the manager for Lecakes, says he has been re-

FINEST BEAUTIES
ROSES and CARNATIONS

NO BETTER STOCK TO BE HAD ANYWHERE. OUR STOCK HAS A REPUTATION.

CURRENT PRICE LIST

American Beauties	Per doz.
Extra long stems	$5.00
Stems 30 to 36 inches long	$3.00 to 4.00
Stems 24 inches long	2.50
Stems 18 to 20 inches long	2.00
Stems 15 inches long	1.50
Stems 12 inches long	1.00
Killarney and Richmond	**Per 100**
Extra select	$10 00
Good lengths	8.00
Medium lengths	$6.00 to 7.00
Short lengths	3.00 to 4.00
Bride, Maid and Perle	
Long stems	8.00
Medium lengths	6.00
Short lengths	3.00 to 4.00

Fresh Roses, our selection, in lots of 500 or more, per 1000, $30.00.

Carnations	Per 100
Red O. P. Bassett, extra fancy	$ 4.00 to $ 5.00
White and Pink according to length of stem	4.00
Easter Lilies, Giganteum	12.00 to 15.00
Lily of the Valley	3.00 to 4.00
Asparagus, per string,	.60
Asparagus Sprays, per 100,	$2.00 to 3.00
Sprengeri, "	2.00 to 3.00
Smilax, per doz.	1.50
Adiantum, per 100,	1.00
Galax, green and bronze, per 1000,	1.25
Ferns, "	1.50

BUY YOUR FLOWERS DIRECT OF THE GROWER

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO

Mention The Review when you write.

ceiving an average of over 1,000 Gold Mine, Chadwick and Bonnaffon mums daily from Garreau Bros., of Jersey City, which have all sold at from $2 to $3 per dozen. Saturday, November 20, they handled over 5,000.

B. S. Slinn, Jr., says he has a fellow feeling for the REVIEW, because they each are commencing their thirteenth year.

John Egenbrod, formerly with A. J. Guttman, has joined the ranks of the speculators in cut flowers and is doing well.

Paul Rigo, formerly with Henshaw & Fenrich, is now with A. J. Guttman.

Peter F. McKenney, Fifth avenue and Forty-second street, had the decoration of the Marie Antoinette hotel November 17 for the Ferguson-Forshaw wedding.

Walter F. Sheridan had a beautiful window of White Frick mums Saturday, November 20, a new variety of perfect white and of good size, grown by Paul Fisher, of Woodbridge, N. J.

The Onaway Florist, with greenhouses at Boonton, N. J., is open for the season at Seventh avenue and Fifty-seventh street, with Miss Bearsley as manager and George C. Simms, formerly with Charles Thorley, as artist.

S. Masur, of Brooklyn, has added a new wagon to his conveniences, and says November has been his best month in years for wedding decorations. He hopes to occupy a much larger store in the spring.

Mary Kolloge, sister of Herman Dreyer, deceased, was adjudged a bankrupt Tuesday, November 16, and W. H. Siebrecht, Jr., appointed trustee. William Kolloge was manager and there are nine houses, filled with a general assortment, to be disposed of.

There is to be a new Castle Gould, costing a million, where Harry Turner presides over horticultural things. The old castle was erected in 1902. Great landscape effects are already provided for.

At College Point one needs to go early if a satisfactory examination of the Anton Schultheis place is contemplated, for it takes a lot of time to enjoy the complete plant display provided. There are houses of Erica fragrans, poinsettias, azaleas, oranges, Jerusalem cherries and camellias all ready for shipment. Azaleas were in bloom for Thanksgiving. The camellias are varied and handsome. I have seen no finer stock of ericas. Bougainvillea is perfect and the stock of Pandanus Veitchii, araucarias, palms and ferns of all the popular varieties has never been excelled here. The stock of hardy roses is immense, the ramblers predominating. The whole plant is modern and complete, and with his seven sons to follow in his footsteps, there seems good reason to expect the name of Schultheis to long be allied with American floriculture.

A meeting of retailers and growers was held at 133 West Twenty-eighth street last week, with J. H. Troy, of the Rosary, in the chair. A growers' committee was appointed, consisting of R. M. Schultz, H. L. Rohner, David McKenzie, C. F. Ditsenberger and H. C. Steinhoff, to meet a similar number of retailers and report results at a subsequent meeting. About eighty were present and remarks were made by John Birnie, George D. Nicholas, George Stumpp, H. C. Steinhoff, Mr. Warendorff, Mr. Barton, Robert Simpson, President Dards of the retailers' association and others. The present outlook is favorable to a continuance of the methods of distribution which have prevailed successfully for so many years, and to a better understanding between wholesalers, growers and retailers and a greater harmony than has ever characterized the cut flower business in this center.

Holly is selling for Thanksgiving at $7 a case. Many of the supply men are handling it.

The shipments of wild smilax grow. The Kervan Co. and B. Rosens receive quantities daily and the demand takes it all.

A demonstration of Aphine will be held at the store of the Manhattan Flower Market, 46 West Twenty-eighth street, December 13, if Treasurer Ebel's present plans are consummated. The day has been chosen because of the Florists' Club meeting that evening.

M. C. Ebel, the treasurer of the Talmadge Co., with C. H. Totty and Mr. Schultz, attended the debut of Velasca Surrett at Hammerstein's Monday, the lady Mr. Totty lately honored by naming his big new red Australian mum after her. Mr. Totty gave Velasca 95½ points, with a full score for beauty, size and form, but he said she was a little scant on foliage.

John T. Withers, of Jersey City, starts February 5 on an educational and observation trip.

Julian N. Hanft, uncle of the Hanft brothers, is seriously ill. Until a week ago, Mr. Hanft, who is 80 years old

KENNICOTT BROS. CO.

Handles All Cut Flowers in Season

CURRENT PRICE LIST

AMERICAN BEAUTY	Per doz.
Long stems	$5.00 to $6.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short	per 100, $6.00 to $8.00

	Per 100	
Killarney, special		$10.00
" select	$6.00 to	8.00
" seconds	3.00 to	4.00
Richmond, special		10.00
" select	6.00 to	8.00
" seconds	3.00 to	4.00
Kaiserin, special		8.00
" select	5.00 to	6.00
" seconds		4.00
My Maryland, special		10.00
" select	6.00 to	8.00
" seconds	3.00 to	4.00
Bridesmaid	3.00 to	8.00
Bride	3.00 to	8.00
Mrs. Field	3.00 to	8.00
CARNATIONS		
Common		2.00
Select	3.00 to	4.00

Chrysanthemums	Per 100	
Extra fancy	doz., $3.00	$20.00
Medium	doz., $1.50 to 2.00	$10.00 to 15.00
Small	6.00 to	8.00
Pompons and singles, per bunch	35c to 75c	
Valley	3.00 to	4.00
Easter Lilies	per doz., $2.00	15.00
Violets	.75 to	1.00
Sweet Peas	.75 to	1.50
Stevia		2.00
Paper Whites		3.00
DECORATIVE		
Asparagus Plumosus, per string	.50 to	.75
" " per bunch	.35 to	.75
" Sprengeri	per 100 2.00 to	6.00
Adiantum	" .60 to	.75
Smilax	per doz., $1.50	10.00
Ferns	per 1000, 1.50	.20
Galax, bronze	per 1000	1.00
" green	"	1.00
Leucothoe		.75

Boxwood. 35c per bunch; $7.50 per 50-lb. case

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

Wild Smilax

Always on hand for immediate shipment. Large cases only, $5.00 each; two or more at $4.50 each.

KENNICOTT BROS. CO.

48-50 Wabash Avenue, CHICAGO

LONG DISTANCE PHONE, CENTRAL 466.

Mention The Review when you write.

was active in the store, as he has been for several generations.

P. H. Goodsell, nurseryman, will be married December 4, at the residence of the bride's father, General Jackson, at Hartford, Conn. Myer, of Madison avenue, has charge of the floral decorations. The honeymoon will be spent in Europe.

Walter Mott, of the Yuess Gardens, Newburgh, was in the city November 19 and 20, visiting the bulb houses.

Bowling.

This is Thanksgiving turkey week with the Flatbush and Astoria bowlers. There were two contests for birds at Astoria Tuesday evening, one donated by Philip Kessler. November 16 was ladies' night, and forty gentlemen and ladies participated in the banquet and festivities. The ladies' prizes were won in the following order: Mesdames Siebrecht, Jr., Lorenz, Jr., Weishar, Boese, Bleckwen, Jr., Siebrecht, Sr., Donaldson, Doerhoefer, Bleckwen, Sr., Jacobson, Lorenz, Sr., Korfmann, Miesem, Anderson, Arnold, Einsman. Mrs. Jacobson made the best average for the afternoon, with a high score of 147. Mrs. Siebrecht, Jr., winner of the first prize, met with a painful accident when her fingers came in touch with a returning ball. Many a bowler can sympathize with the victims of this accident. In the evening the ladies and men bowled several games together. The prize offered by Philip Kessler was won by himself, so was handed over to the second man, John Donaldson. The men's best scores follow:

Player.	1st.	2d.
Kessler	147	175
Donaldson	158	178
Siebrecht, Sr.	147	151
Miesem	147	176
Einsman	133	146
Schleth	140	147
Jacobson	133	140
Lorenz	137	149
Doerhoefer	137	148
Bleckwen	114	139
H. Siebrecht	114	133
Arnold	102	136
Shaw	100	128
Boese	106	114
Siebrecht, Jr.	102	111
Anderson	101	115
Bleckwen, Sr.	51	100

Captain Berry asks all the New Yorkers interested in bowling to meet him at Thumm's alleys Wednesday evening, December 1, when it will be decided whether or not there is sufficient interest to go on with the weekly bowling.

J. AUSTIN SHAW.

Roses—Carnations

We have a splendid supply—the grade of stock that makes it possible for us to meet the needs of all classes of buyers. And

We know the needs of the trade

intimately through long connection with the business. It doesn't matter what you want, we have it. We have it in quantity, of the quality that sells steadily, and would like a share of your orders.

We still have a good supply of Bonnaffon

and other Mums; also the Pompons and Singles.

Finest Single and Double VIOLETS That Come to This Market.

We always bill shipments at the market rate.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 **CHICAGO**

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DETROIT.

The Market.

Last week was not quite up to the standard set by the previous weeks, causing a piling up of all kinds of stock toward the end of the week until about Saturday, when business picked up again.

The wholesale houses anticipate a good week for Thanksgiving, some good orders being already on file. Prices have not advanced, in this city, on any flowers but carnations. The continual scarcity of these has necessitated a slight advance in prices for Thanksgiving.

The sale of house plants continues good. Cyclamen, begonias, chrysanthemum plants, primroses, Jerusalem cherry trees, etc., are selling nicely.

Club Meeting.

A well attended meeting of the Detroit Florists' Club was held Monday evening, November 15.

The subject of the evening was a discussion of "The Relations of the Employer and Employee." E. A. Scribner and Frank Danzer started a lively discussion on the subject by reading the papers which were first used at a meeting of the Minnesota State Florists' Association and published in the REVIEW of October 28.

Mr. Scribner took the side of the employer and had the best of it, because there were but few employees present. Still, these few stirred up a lot of good arguments. The most of the talk dwelt upon the matter of wages. It was admitted that the wages received by the average greenhouse man are not quite equal to those received in other lines. But to offset this the argument was advanced that a florist or grower has steady employment throughout the whole year, and loses no pay if he is off for a day or sick for a week. Neither is he docked if he happens to come a half hour late some morning. Then the work is not such a strain on a man as is working at a bench or perhaps a polishing wheel all day.

Mr. Sullivan blamed the men themselves if the sanitary conditions are not up to the standard. He stated that some years ago he fitted even his modest place out nicely with toilet, towels, mirror, etc. "But look at it now," said he. "The men will not take the least pains to keep things clean."

Herman Knope gave some good advice to both sides. Mr. Knope is foreman at Breitmeyer's, and is well versed on both sides of the question. He said that many men are not worth what they receive. He referred to the jealousy existing among the men as a rule, saying that some men are always complaining that another is not doing his share.

Someone suggested a general raise in prices of all flowers and plants in order to better the wages, but how to bring about this raise was not stated.

All other business was suspended and the meeting was not adjourned until near eleven o'clock, when Herman Knope wound up affairs by suggesting that employees be taken into the club at a lower rate of dues and the name "Club" be changed to something else. Mr. Knope said that if the employees would attend the meetings more and broaden their knowledge, they could demand better pay.

Florists' Club Show.

The Detroit Florists' Club held its annual display Friday evening, November 19, at the Michigan Cut Flower Exchange, which firm has been kind enough, year after year, to turn over to the club their large, well-lighted basement, light, water, heat and all the help gratis.

The quality of the stock this year was certainly excellent and it was not lacking in quantity either.

Messrs. Michael Bloy, Herman Knope, Ed. Beard, Thomas Browne and Albert Stahelin constitute our exhibition committee this year and to these gentlemen must be given much of the credit for the show, as they spared no efforts to make it a success. All the stock was effectively arranged, making a neat, businesslike appearance.

Exhibits were made as follows:

J. F. Sullivan made a fine display of mums. The flowers were of good size and well grown.

Fred Miesel & Sons showed some very fine cyclamen, primroses and Begonia Gloire de Lorraine.

Gus. Taepke filled considerable space with four splendid vases of mums.

Beard Bros. showed some fine Whitmani and pteris ferns; also a vase of assorted mums.

Chas. Distelrath was on hand with good chrysanthemum plants, vases of Dr. Enguehard, Nagoya and Arline, and also a vase of assorted carnations.

Theodore Damerow's vase of yellow and white Eaton was one of the features of the evening. This grower also showed vases of W. Jones and Helen Weeks.

August Von Boeselager again showed his seedling carnation, Clara. He also showed a seedling known as Marshall, the color of which is like Harlowarden. Another dark seedling shown by Mr. Boeselager is known as Albert P.

Mr. Bloy was one of the largest exhibitors. He had a fine lot of cyclamen and Begonia Gloire de Lorraine; primroses, Whitmani ferns, two fine specimen asparagus ferns, and some lily plants. In chrysanthemums, Mr. Bloy showed Pres. Taft, white and pink Maud Dean,

CARNATIONS

This is Carnation season and we are in line to handle a big volume of business—can ship any grade from good to extra fancy, in large quantity at short notice. Special prices on 1000-lots.

Violets, Mums,
Beauties and All Roses

SEND ALONG THE ORDERS

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

AMERICAN BEAUTY	Per doz.
36 to 40-inch stem	$5.00 to $6.00
24 to 30-inch stem	$3.00 to 4.00
18 to 20-inch stem	2.50
12 to 15-inch stem	1.50 to 2.00
Short stem	.75 to 1.00
	Per 100
Bride	$4.00 to $ 8.00
Bridesmaid	4.00 to 8.00
Kaiserin	4.00 to 8.00
Killarney	4.00 to 10.00
White Killarney	4.00 to 10.00
My Maryland	4.00 to 10.00
Mrs. Field	4.00 to 10.00
Richmond	4.00 to 10.00
Carnations, good	2.00 to 3.00
" fancy	4.00
Chrysanthemums, fancy, doz.	$3.00
" medium, doz	$1.50 to 2.50
" small	6.00 to 10.00
Violets	.75 to 1.00
Valley	3.00 to 4.00
Harrisii Lilies	15.00
Callas	per doz., $2.00
Asparagus	per string 50c
" Sprengeri, per bunch,	.25 to .50
" Plumosus "	.50 to .75
Galax, green	per 1000, $1.50; .15
" bronze	" 1.50; .15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax	per doz., $1.50 12.50
Fancy Ferns	per 1000 1.50 .20
Boxwood	50 lb. case, 7.50
Wild Smilax	50 lb., 5.00

Prices subject to market changes.

Mention The Review when you write.

ROSES
CARNATIONS

ORDER OF US

No order too large for us to fill, and none too small to receive our careful attention.

31 YEARS AT IT

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

BEAUTIES	Per doz.
48-inch and over	$5.00 to $6.00
30 to 36-inch	$3.50 to 4.00
24 to 30-inch	2.50 to 3.50
18 to 20-inch	2.00 to 2.50
12 to 15-inch	1.00 to 1.50
8 to 12-inch	.50 to .75
ROSES (Teas)	**Per 100**
Bride and Maid	$4.00 to $ 8.00
Richmond	4.00 to 10.00
Killarney	4.00 to 10.00
White Killarney	4.00 to 10.00
My Maryland	4.00 to 10.00
Kaiserin	4.00 to 8.00
Perle	4.00 to 7.00
Roses, our selection	4.00
CARNATIONS, medium	2.00 to 3.00
" fancy	4.00
MISCELLANEOUS	
Mums, small, doz.,	$0.75 to $1.00
" medium "	1.50 to 2.00
" fancy "	2.00 to 3.00
Harrisii Lilies	15.00
Valley	3.00 to 4.00
Violets	1.00 to 1.50
GREENS	
Smilax Strings	per doz., 1.50 to 2.00
Asparagus Strings	each, .50 to .60
Asparagus Bunches	" .35 to .50
Sprengeri Bunches	" .35 to .50
Adiantum	per 100, .75 to 1.00
Ferns, Common	per 1000, 1.50
Galax	" 1.25
Leucothoe	.75
Boxwood	lb., 25c
Wild Smilax	$2.50, $3.50 and 4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

and White Chadwick. A vase of well grown Bride roses completed this exhibit.

Another of the large exhibitors was J. Breitmeyer's Sons. They showed a good collection of stove and greenhouse plants, some good orchids, some well grown valley, and plants of good clean Harrisii lilies, also several vases of well grown chrysanthemums, a vase of pink Imperial carnations, of fine quality, which attracted especial attention, also some fine O. P. Bassett, Enchantress, White Perfection, and Beacon, winding up with several vases of fine violets, both single and double.

John Dinser made a nice exhibit of plants, including some begonias, ferns, cyclamen, and araucarias.

Robert Klagge's stock was finer than ever. His display of roses was excellent. Rhea Reid, Richmond, Killarney, La Detroit, and White Killarney were particularly noticeable. Mr. Klagge also showed a vase of fine valley, and his single violets were good. A fine lot of cosmos in white and pink completed his exhibit.

R. H. Ellis, of Leamington, Ontario, was on hand with well grown vases of O. P. Bassett, Enchantress, White Enchantress and Beacon.

Among the best carnations seen were those of Ferdinand Kolbe. They were white and pink Enchantress, Rose-pink Enchantress and Beacon.

Last but not least, Mr. Pautke showed some fine pompons, one being a vase of Diana, also a seedling pompon which is a decided improvement on Diana. It is a cross between Diana and another pompon, is a vigorous grower, quite full and a good propagator. A sport of White Chadwick, the color of which was terra cotta bronze, was one of the attractions, as were also some Bonnaffon and Adelia. Mr. Pautke also showed a vase of lupines.

The report of the judges, J. F. Sullivan, Frank Danzer and Herman Knope, was as follows:

Chrysanthemums, white; first, G. Taepke; second, T. Damerow; third, M. Bloy.

Bronze; first, J. Breitmeyer's Sons.

Yellow; first, J. F. Sullivan; second, M. Bloy.

Pink; first, M. Bloy; second, J. F. Sullivan; third, J. Breitmeyer's Sons.

Best collection of not less than fifty; first, J. Breitmeyer's Sons; second, G. Taepke.

Best vase, one variety; first, Fred Pautke, Bonnaffon; second, T. Damerow, on Eaton; third, M. Bloy, on Chadwick.

Best collection of plants, first, J. Breitmeyer's Sons.

Cyclamen, first, M. Bloy; second, F. Miesel & Sons; third, J. B. Dinzer.

Primroses, first, M. Bloy; second, F. Miesel & Sons.

Begonia Gloire de Lorraine, first, M. Bloy; second, F. Miesel & Sons; third, J. B. Dinser.

Whitmani fern, first, M. Bloy; second, Beard Bros.

Specimen Boston, J. Breitmeyer's Sons.

Specimen Scholzelin, J. Breitmeyer's Sons.

Mum plants, Charles Distelrath.

Roses, best general appearance, R. Klagge.

Carnations, first, J. Breitmeyer's Sons; second, R. Klagge; third, Ferd. Kolbe.

Those receiving honorable mention were: R. Klagge, M. Bloy, R. H. Ellis, T. Damerow, C. Distelrath, A. Von Boeselager, F. Pautke, and J. Breitmeyer's Sons.

Various Notes.

The fine new show window at Sullivan's is quite a drawing card with its prettily arranged hampers and baskets of flowers. Norman Sullivan, who is the window trimmer, is continually displaying some new arrangements of flowers and small plants.

W. B. Brown is receiving daily some of the best carnations seen hereabouts. They are from the houses of Ferdinand Kolbe.

Hielscher's wire works is working overtime getting ready for the Christmas trade.

Another of the old florists of this city has passed into the great beyond. Frederick C. Schneider died Monday morning, November 22, after a long illness. He was 68 years old and had been engaged in the florist and vegetable business, in Detroit, for at least 40 years.

Mrs. Pearce, wife of Hubert V. Pearce of the Detroit Cut Flower Supply House, has been at a local hospital for some

ROSES CARNATIONS

You send the orders
We do the rest :: ::

Hoerber Bros.

Wholesale Growers of Cut Flowers

Greenhouses, Des Plaines, Ill.

Store: 51 Wabash Ave., Long Distance Phone Randolph 2758 CHICAGO

DON'T FORGET

MUMS GREENS

Mention The Review when you write.

time. She was recently obliged to undergo an operation, which for a time threatened to prove fatal, but she is now rapidly regaining her strength, and is apparently out of danger. H. S.

ST. LOUIS.

The Market.

The market last week was somewhat overcrowded with everything the retailers wanted, and prices were low, but we are looking for a different state of affairs for Thanksgiving and all of our wholesalers are making preparations to supply the local trade with stock of all kinds. It looks as though stock will be plentiful, as we have had warm and clear weather.

The chrysanthemum is still the leading flower and some extra fine blooms are coming in every day at reasonable prices. Roses are now at their height and plenty of fancy stock is now coming. There will be a slight advance in prices on these this week. Beauties have been plentiful all the week. Extra fancy stock in carnations is now coming in. Last week they were selling at a low price, but fancies will go up to $5 per hundred this week. A few Romans and Paper Whites have made their appearance, but not many as yet. Violets will go up to $1 per hundred this week and there should be plenty of them. Lily of the valley has a good call. Smilax is in demand and all other greens sell well.

Various Notes.

D. Augspurger, of D. U. Augspurger & Sons, Peoria, Ill., called last week.

Frank M. Ellis, formerly one of our wholesale florists, now of Panama, paid a visit to his many friends here last week. Mr. Ellis says the recent flood in Panama did great damage to his banana plantation. He will return in a few weeks.

Oscar Kuehn, head of the wire department of the W. C. Smith Wholesale Floral Co., was on the sick-list last week. Mr. Kuehn expects to be on deck again this week.

Alex. Siegel, at Sixth and Washington avenue, says that his counter trade has been excellent, with a good deal of funeral work.

Walter Retzer, late with Grimm & Gorley, is now employed with the Plant Seed Co., at 802 North Main street.

O. K. Sanders, son of C. C. Sanders, who has been on a western trip to California, will return this week and will enter the employ of his father at 5600 Delmar avenue.

Otto Sanders, who started recently under the Maryland hotel, makes attractive window displays. Mr. Sanders is using the daily papers freely to advertise his business and is doing well.

E. W. Guy, of Belleville, Ill., called last week and reports that he just returned from a three weeks' hunting and fishing trip and was sorry he had to miss the last club meeting.

A meeting of the executive board of the St. Louis Horticultural Society will soon be called to settle up flower show matters. All the prizes have been paid up in full.

R. J. Windler and C. Bergstermann, on South Grand avenue, are showing some excellent blooming plants and report a good trade so far this season.

At C. A. Kuehn's, last week, a fine lot of cut roses from J. F. Ammann and extra fine carnations from Henry Baer, of Peoria, were noticed. Stock of all

Winterson's Seed Store

45-47-49 Wabash Ave., Long Distance Phone Central 6004 CHICAGO

Plantsmen, Nurserymen, Seedsmen and Florists' Supplies

We can supply everything the Florist Uses Catalogue Free

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The Growers' Cut Flower Co.

J. J. COAN, Mgr. 39 W. 28th St., NEW YORK CITY Phone 6237 Mad. Sq.

Nothing Succeeds Like Success

OUR SECOND YEAR IS ONE OF CONSTANT PROGRESSION. WE HANDLE EVERYTHING IN CUT FLOWERS—AND FROM GROWERS OF NATIONAL REPUTATION. THE UNION OF INTERESTS IS NOT BASED ON EXPERIMENT. OUR GROWTH IS CONSTANT. WE ARE HERE TO STAY

Mention The Review when you write.

WESTERN

Chas. W. McKellar

ORCHIDS

51 Wabash Avenue, CHICAGO

Headquarters

Thanksgiving Prices

For week commencing Monday, Nov. 29, 1909

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to	$ 7.50
Dendrobium Formosum, white,	"	4.00 to	6.00
Dendrobium Phalaenopsis, pink	Per 100,		15.00
Vanda Cærulea, white, tinted blue	Per doz.,	3.00 to	4.00
Cypripediums	"	2.00 to	2.50
Oncidium Tigrinum, yellow	Per 100,		10.00
Assorted, selected flowers	Per box,	5.00 to	25.00
Gardenias	Per doz.,	4.00 to	5.00
AMERICAN BEAUTY—Specials	"		5.00
30 to 36-in	"	3.00 to	4.00
20 to 24-in	"	2.00 to	2.50
15 to 18-in	"		1.50
Short	Per 100,	6.00 to	8.00
Killarney, special	"	8.00 to	10.00
" select	"	5.00 to	6.00
" seconds	"	3.00 to	4.00
Kaiserin, special	"		8.00
" select	"	5.00 to	6.00
" seconds	"		3.00
My Maryland, select	"	6.00 to	8.00
" seconds	"	3.00 to	4.00
Richmond, select	"	6.00 to	8.00
" seconds	"		3.00
Mrs. Field	"	3.00 to	8.00
Bridesmaid	"	3.00 to	6.00
Bride	"	3.00 to	8.00

"Special" Stock billed accordingly

CARNATIONS

Common, short	Per 100,	$2.00 to	$ 3.00
Select	"		4.00

MISCELLANEOUS STOCK

Chrysanthemums, fancy	Per doz.,	2.50 to	3.00
" medium	"	1.50 to	2.00
" small	Per 100,	5.00 to	8.00
Violets	"	.75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00	"	15.00
Sweet Peas	"	.75 to	1.00
Bouvardia	"	4.00 to	6.00
Paper Whites	"	3.00 to	4.00

DECORATIVE

Asparagus Plumosus	Per string,	.50 to	.60
" "	Per bunch,	.35 to	.75
" Sprengeri	Per 100,	2.00 to	5.00
Adiantum	"	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50	"	10.00
Ferns	Per 1000, 1.50	"	.20
Galax, green and bronze	Per 1000,		1.25
" " " "	Case 10,000,		10.00
Leucothoe	Per 100,		.75
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO

Mention The Review when you write.

kinds was quite plentiful last week and demand slow.

At the W. C. Smith Wholesale Floral Co. violets and carnations were coming in quite heavily from Kirkwood, with a fair demand for violets, carnations and roses.

At H. G. Berning's and George H. Angermueller's there was an abundance of everything, especially mums and roses. The demand for stock was not as good as it should be.

The free chrysanthemum show, which was held last week and this week at the Missouri Botanical Garden, has been a great drawing-card. The show is held, as usual, in a large tent and despite the cold days the attendance has been large. The orchid houses, in the care of G. H. Print, and the cactus houses, in the care of G. Thompson, have also attracted the crowds during the show. The main show in the tent is open until 10 p. m., with plenty of electric lights. The show was visited by a great many florists during the week, who said these free shows do draw the crowds.

Visitors: F. J. Farney, representing M. Rice & Co., Philadelphia; W. E. Wadsworth, representing the Columbia Novelty Co., Chicago. J. J. B.

WAYSIDE NOTES.

Frank Burfitt, of Springfield, Mass., is looking for a suitable location, owing to the expansion of business.

George H. Sinclair, of Holyoke, Mass., who sent out Carnation Viola Sinclair, which is a local favorite, has a white seedling that is highly promising. In habit of growth it equals White Enchantress, with the flower of White Perfection. We shall hear more of this seedling later.

John McKenzie, of Cambridge, Mass., has moved into his new store, the only one in the five-story block he recently erected. He says it is the safest place for the surplus, when good mums are selling at less than 5 cents and can be bought cheaper from the faker on the street than from the wholesaler.

Fred C. Becker, of Cambridge, does a good business with the Harvard boys and welcomes anything in red at any time.

Dan Murphy, superintendent of the W. E. Doyle greenhouses, at Cambridge, for many years, took a vacation recently, intending to make it permanent, but the temptation to return was too strong and he is back again at the old stand. The boys welcomed him with a song, the refrain of which was "Danny, we have missed you."

At W. W. Edgar's, of Waverley, Mass., chrysanthemums are nearly over. The earlier varieties are grown, so as to give place to the big stock of blooming plants. Azalea Mme. Petrick will be in flower for Thanksgiving. It is a good seller.

It is an inspiration at this time to visit the houses of W. T. Walke, of Salem, Mass., where blooming plants are grown by the houseful. Cyclamens, poinsettias and Begonia Lorraine are fully up to the high standard attained here. I noted, when at R. W. Allen's place at Hudson recently, a pretty combination of poinsettia, Euphorbia jacquiniæflora and ferns made up in pans, and they sold at sight. Mr. Walke was panning up some Bonnaffons, naturally grown, which, he says, sell well.

A. J. Schmutz, of North Adams, Mass., has Enchantress, both white and pink, that average three and one-half inches across and that are perfect blooms. There is no sign of this grand variety giving out yet. M.

Niessen's
News Column

Beauties

Our growers are bringing in an immense crop of Beauties for the month of December.

We believe our Beauties compare favorably with any coming to the Philadelphia market. You are a good judge of flowers, and we will be glad to convince you of the superior quality with a sample shipment. You will also find our prices satisfactory.

Pink Killarney

We are getting in some very choice stock of this rose. Long stems, with extra large, well shaped flowers, of good color. Our growers are producing better Killarneys this year than ever before.

Chrysanthemums

We still have a fair supply of them, principally

Yellow Jones
White Jones
Jeanne Nonin
Bonnaffon

$1.50 to $3.00 per doz.

Carnations

Quality steadily improving. $2.00 to $4.00 per 100.

SPECIAL—In lots of 500 or more, fancy stock, our selection of colors, $2.50 per 100.

To increase the variety of your stock and to offer your trade a better assortment, we wish to call your attention to the following:

Pansies

$6.00 per 100 bunches.

An unusually fine strain, most all clean, bright colors. Can furnish a thousand flowers or more at short notice.

YELLOW DAISIES
$1.50 and $2.00 per 100.

BOUVARDIA
Pink and red. $3.00 per 100.

SWEET PEAS
White and pink. $1.00 per 100.

MIGNONETTE
Medium, $3.00 per 100; fancy, $5.00 per 100.

We will have a splendid stock of

Christmas Greens

Boxwood, Lycopodium, Holly, Holly Wreaths, etc. Complete list and prices on request.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

THE
December Teas

often demand dainty bits of color, generally in shades of pink. We offer you **Jardine, Killarney and Maryland Roses** in short, medium and long stemmed grades as desired, all with nice, clean flowers.

Enchantress, Winona, Winsor and Lawson Carnations, select and fancy stock; and Sweet Peas.

These are just a few of the many nice things we have. Our best service goes with them.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The week ending with the day before Thanksgiving is difficult to describe. The quantity of flowers coming into the market has been greatly increased and their quality has not been improved by depressingly warm weather. Saturday, November 20, saw a fair "clean-up" at some price, everyone realizing the importance of disposing of perishable stock in such weather as the close of the week. Monday found a more buoyant tone in the market with prices advancing on some select stock in small quantities, but with large sales of good ordinary stock at low prices. The supply of almost everything is very heavy, and the demand is brisk. Chrysanthemums are an important feature of the Thanksgiving business. Bonnaffon is the leading variety of the day, the principal demand being for the good ordinary grades; white and yellow Eaton, Golden Dome, white and yellow Chadwick, Jeanne Nonin, white and yellow Mrs. Jerome Jones, and in pink Maud Dean, Dr. Enguehard, Harry Balsley and Mlle. Jeanne Rosette are the principal varieties, the four pinks of course being in limited quantity. Carnations are selling better than for a month past, the fancies have advanced a point, but the bulk of the sales are at last week's quotations on a firmer foundation. Valley is quite scarce, cattleyas exceedingly scarce, gardenias rather more plentiful, though the quality warrants the higher figures. Violets are not as high as at this time last year, there is a good healthy demand for all choice stock at moderate prices, and fancy singles are worth nearly as much as doubles, due to their unusual quality.

Beauties have gone up as they always do at a holiday, but the balance of the rose list is in bad shape, only a few fancies of Jardine, Killarney and Richmond going up. Paper Whites have come in quantity, mignonette is improving, while the balance of the smaller flowers on the list show signs of the awakening that comes when the end of the autumn queen's reign is approaching.

The Sales of Ferns.

There is a strong feeling among the florists of antagonism toward department stores, a feeling which I have always shared to the extent perhaps of not giving full recognition in this column to the horticultural work these stores are doing. We can certainly learn a lot from their business methods. I will abandon the ostrich habit and proceed.

The department stores in this city have held a number of fern sales lately. The theory in these sales is to attract the public by special bargain offers, moving the stock rapidly as an advertisement for other stock, the profit being small. A large store held a three-days' sale of Boston and Scottii ferns, disposing of 4,000 plants in that time. These plants had cost them 20 cents each and sold at 25 cents each, the stock being received a wagon-load at a time. Another sale at a nearby store disposed of nearly as much stock; I think it was 3,000, in two days. A third sale of higher grade ferns, costing the store 30 cents each, with 20 cents' worth of embellishment added, disposed of 400 ferns at 89 cents each. The same price for the same size fern to the dealers in the regular channels, i. e., 30 cents, failed to move the stock.

These sales are undoubtedly of great educational value. They probably have little or no effect on the regular business, but it seems to me the margin is too small to make them permanent.

A New Rose.

The partners in the rose-growing firm of Stockton & Howe, Princeton, N. J., came to this city November 22 with a new rose which they displayed at some of the leading stores and at the wholesale commission house of Berger Bros. The rose is a seedling of their own, soft pink in color, an Enchantress shade, with long, pointed buds and extraordinarily heavy stem. It is said to be prolific. The firm has about 500 plants of this seedling which they propose to grow on another season before deciding on its future.



Some Christmas Specialties with us in Greens:

Holly

Extra selected, the best our gatherers can obtain in the Holly fields of Delaware and Maryland.

Per case, $5.00.
In lots of 5 cases, $4.50.
In lots of 10 cases, $4.00.
Special prices in quantity. Every case guaranteed.

Boxwood, in 50-lb. cases, $7.50.
Green and Bronze Galax, $6.50 per case of 10,000.
Green Leucothoe, $6.00 per 1000.
Bronze Leucothoe, $7.50 per 1000.

Boxwood

One of the P/M introductions. This, as a Christmas Green, has no equal. Some of the most beautiful and artistic effects can be made, especially in combination work, with something else that will make a bold and at the same time pleasing contrast.

Open 7 a. m., close 6 p. m. Not open for business on Sundays.
Not responsible for flowers after delivery to express company.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow St., Philadelphia, Pa.

1212 New York Ave., WASHINGTON

P/M QUALITY

CHRYSANTHEMUMS

Glad to say we'll still have some splendid blooms for early December.

EATON -- White and Yellow.
CHADWICK -- Golden and White.
J. NONIN, also a few other varieties.

Medium, $2.00 per doz.
Fancy, $3.00 per doz.
Some of the extra select Chadwicks, $4.00 and $5.00.

Roses

With cooler weather the improvement in the quality of the Roses is very noticeable. Better substance, better color, better foliage and better length of stem.

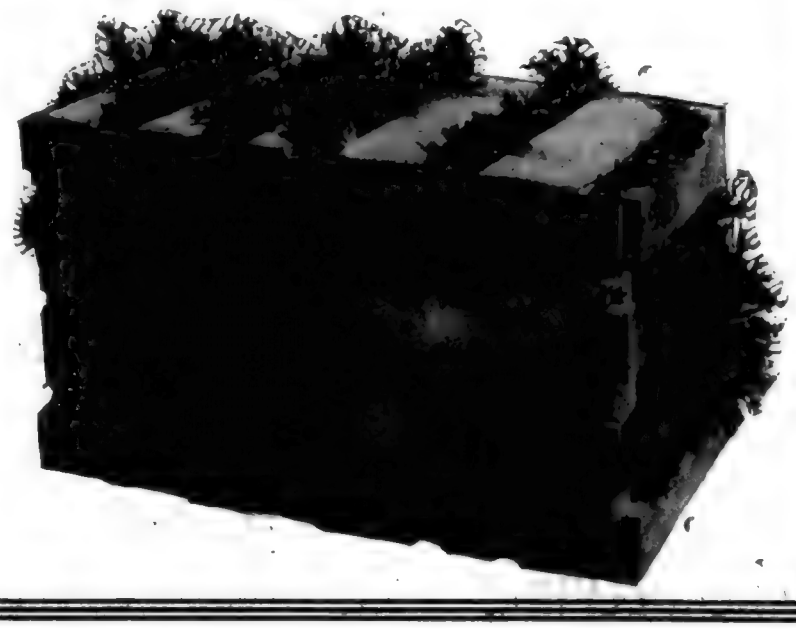
	Special	Fancy	Extra	1st	2d
American Beauties...per doz.	$ 5.00	$ 4.00	$3.00	$2.50	$1.50-$2
Richmond.....per 100	12.00	10.00	8.00	6.00	3.00
The 2 Killarneys.....	12.00	10.00	8.00	6.00	3.00
Maryland.....	12.00	10.00	8 00	6.00	3.00

Rose and Carnation Specials

Roses, in lots of 200 or more, our selection, $3.00.

Carnations, in lots of 500 or more, our selection, good quality, $2.50 per 100.

Xmas list of Greens on application.



MICHELL'S
Special Offer
FROM
Nov. 28 to Dec. 4

SWEET PEAS
WINTER FLOWERING

Christmas Pink, Pink and White.
Christmas White (Florence Denzer).
Mrs. Alex. Wallace, Lavender.
Price, 25c per oz.; ¼-lb., 75c; $2.00 per lb.
Also all other valuable varieties as listed in our Wholesale Catalogue, a copy of which is Free for the asking.

BEGONIA SEED

	Tr. Pkt.	Oz.
Vernon	$0.25	$2.50
Semperflorens Mixed	.30	1.50

VERBENA SEED
Michell's Mammoth Fancy Strain

This is without doubt the finest strain ever offered to the trade, combining large size, purity of color, and free flowering qualities.

	Tr. Pkt.	Oz.
Blue	$0.30	$1.25
Pink	.30	1.25
Scarlet	.30	1.25
White	.30	1.25
Mixed	.30	1.00

VINCA SEED
A Money Maker For The Florist.

Alba, White with Rose center.
Alba Pura, Pure White.
Rosea, Pink.
Price, 20c per trade pkt.; 60c per oz.
Mixed, 15c per trade pkt.; 50c per oz.

WATSONIA ARDERNEI
Florists, it will pay you to grow some of these bulbs. The flower is pure white, produced on stems about five feet in length. For cut flowers, they have proved especially valuable, lasting several days in a cut state, and are very decorative. The bloom and habit is similar to that of the Gladiolus, coming into full bloom about Easter, when its pure white blooms are of great value. Immediate ordering advisable at the special low price of $6.00 per 100.

Henry F. Michell Co.
Market Street,
Above 10th Street,
PHILADELPHIA, PA.

Narrow Widths in Gauze Ribbons
No. 2, 25c per piece No. 5, 35c per piece
10-Yard Pieces
COLORS ARE

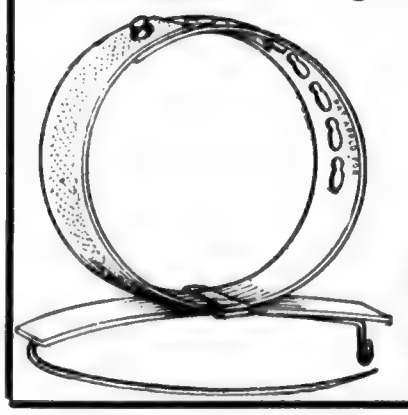
White	Nile	Cardinal
Maize	Violet	Cerise
Pink	Purple	Moss Green

SAMPLES FREE OF
Taffeta and Satin Taffeta Ribbons
in florists' shades and widths—also attractive Chiffons

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH STREET

Mention The Review when you write.

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, **25c each,** by mail postage paid. **By the dozen, $3.00,** postage paid. Correspondence solicited.

Address
ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.

Those who saw it were favorably impressed.

Godfrey Aschmann's Plants.

A beautiful house of Begonia Gloire de Lorraine is just coming into bloom, with the Lonsdale pale pink variety in the foreground. All the plants are spaced to insure shapeliness and freedom of bloom. It was as pretty a sight as Ontario street has ever seen at Thanksgiving. The plants were mainly specimens, with a side bench of a smaller size for baskets and ferneries.

The azaleas, also just coming into bloom, are of good quality. Mme. Petrick has entirely displaced Simon Mardner, while Vervæneana, soft pink, and Deutsche Perle, white are the other varieties grown for Christmas, these three being considered superior to any others for early forcing.

The demand in ferns this season has been largely for the straight-leaved varieties of nephrolepsis, Boston and Scottii. Whitmani is most popular among the crested sorts, Todeaoides second.

Primroses are extensively grown, many florists and dealers depending on this place for their supply. The preference is given to bright colors. White is not especially wanted at Christmas. A fern-leaved variety is an oddity.

Edward Aschmann says that the demand for araucarias has been heavy this season, a marked contrast to that of a year ago. His father particularly called my attention to an order just going out, saying that there was value in those araucarias as in all that he shipped. The place looked prosperous.

Various Notes.

The Monday before Thanksgiving by weekdays, and November 25 by the day of the month, was the twenty-fourth anniversary of M. Rice's start in the florists' supply business.

White Brothers, 231 North Eighth street, are preparing to open a branch at Sixty-fourth street and Woodland avenue, West Philadelphia. Charles Stewart, until three weeks ago with the Highland Rose Co., has gone into the firm to assist his uncle by managing the new place.

J. George Sturgeon, Baltimore, Md., spent two days in this city this week.

Walter R. Livingston reports that the demand for the Moore-Livingston plant stands is ahead of the supply.

Paul Berkowitz was recalled from his business trip last week, to attend the funeral of Mrs. Martin Bayersdorfer, Mount Holly, N. J.

William Robertson's sport from Cheltonii is a lemon-yellow, not a white as reported in the Review account of the Philadelphia show. The flower is a good keeper of excellent size with heavy stem and foliage.

Ralph G. Shrigley commenced work last Monday with Samuel F. Lilley.

W. E. McKissick & Bros.' fancy single violets are of an exceedingly high grade.

Another new store in West Philadelphia, it is understood, will be opened in the neighborhood of Thirty-eighth and Market streets.

Walter P. Stokes says that the bean seed situation is almost as serious as that in pea seeds.

A run through the greenhouses of the

THE Florists' Supply House of America

We are prepared to fill your hurry-up order of :: :: :: **IMMORTELLES**

In all colors, bright, fresh stock that is a pleasure to handle—we think you will do well to order promptly to ensure having them when needed.

IMMORTELLE WREATHS in two styles—American and French.

RUSCUS WREATHS, STATICE WREATHS, MAGNOLIA WREATHS, in autumn tints with pine cones, burrs and sprays of foliage.

HOLLY BERRIES, to decorate the wreaths in any style you wish.

FERN FRONDS, with all their natural beauty preserved by electric process.

We have many novelties, including the **WATER FERN** in green, orange and red. **ARAUCARIA FERN,** very choice, and the beautiful **ASPARAGUS PLUMOSUS SPRAYS.**

There are **ADIANTUM CUNEATUM** (the true Maidenhair), **PTERIS CRETICA** and many more invaluable in floral work.

Everything in Florists' Supplies; send for our Illustrated Catalogue.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.



Mission No. 1.

Florists' Baskets

Our aim is Artistic Baskets; that is what makes them appeal to discriminating people. Every basket is made by hand, and finished as if our whole reputation depended upon that particular basket. Madison Basketcraft Co.'s baskets are designed for use as well as beauty. They are practical, indestructible, made of willow in odd and artistic shapes, and colored in various delicate tones. Greens, gun metal and browns are the best colors.

PRICES TO THE TRADE

Diameter Outside	MISSION No. 1 Opening	Each	Diameter Outside	MISSION No. 1 Opening	Each
10-inch	8-inch	$1.25	15-inch	11-inch	$2.50
12-inch	9-inch	1.75	18-inch	13-inch	3.00
13-inch	10-inch	2.00	21-inch	15-inch	3.50

We sell nothing but Baskets. Make two hundred different shapes. Send in a trial order. Any that do not please, you may return.

YOUR ORDER NOW—PLEASE

MADISON BASKETCRAFT CO.

MADISON, OHIO

Let us send you illustrated catalogue with prices.

Mention The Review when you write.

Robert Craig Co. is an inspiration, showing what cultural skill can do with begonias, cyclamen, and crotons.

T. N. Yates & Co. have several large suburban landscape contracts requiring many fine trees. PHIL.

B. Eschner and Mrs. Eschner have been spending a short holiday in Jamaica. Mr. Eschner is sending souvenir post cards to his friends on which he comments that the foliage plants there are wonderful but that no one has use for florists' supplies.

BOSTON.

The Market.

Thanksgiving week finds business vastly improved. The weather continues remarkably warm and there promises to be no scarcity of stock. Chrysanthemums are coming in lessened shipments and move better. Bonnaffon, Enguehard and Eaton are still the three dominant varieties of their respective colors. Some fine Jeanne Nonin are bringing good prices; some nice Gold Mine, Chadwick and Maud Dean are also seen; $4 per dozen seems to be top price for fancies. Roses are moving much better. Beauties of the best grade bring $4 per dozen. Some fine white and pink Killarney are arriving, as well as excellent Richmond, while Bride and Maid go more slowly. Carnations are in good supply, but in active demand at much improved prices.

Violets had a great sale for the Yale-Harvard game, in common with crimson mums. Violets average 75 cents per hundred, but will probably bring $1 for Thanksgiving. Both lily of the valley and white bouvardia are in strong demand at $3 to $4 per hundred. Cattleyas are comparatively scarce, selling as high as $7 per dozen. Mignonette, Paper Whites, Roman hyacinths, callas and lilies are all in fair supply. Cypripedium insigne is more plentiful. Stevia comes from one or two growers only, the bulk preferring to market it later.

Green stock is in excellent demand, with but little change in prices. Plant trade is quite good. Lorraine begonia is the leading flowering plant.

S. A. F. Spring Show.

At the meeting in Horticultural hall, November 19, in connection with the S. A. F. spring show in 1911, the following were present: President F. R. Pierson, E. A. Stroud, Robert Craig, J. K. M. L. Farquhar and W. J. Stewart on behalf of the S. A. F.; N. F. Comley and John McFarland, of the new Park street flower market; E. Allen Peirce and S. J. Goddard, of Park street market No. 1; and Thomas Roland, P. Welch and D. Finlayson, of the Gardeners' and Florists' Club.

The following committee was appointed on the schedule: J. K. M. L. Farquhar, Robert Craig, W. A. Manda, Robert Cameron and Thomas Roland. Part of a committee of 100 was also made up. It was stated that an option on the main hall of Mechanics' building had been secured for March 22 to 30, 1911.

The sum of $4,000 had been so far secured on the guarantee fund, but it was confidently anticipated that the full amount needed, some $15,000, would be secured before long. The schedule will be made up and ready for inspection before the next committee meeting.

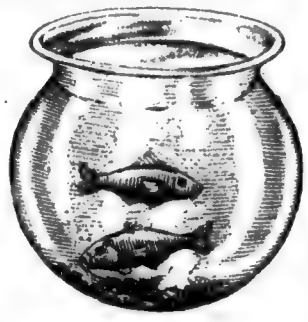
At the last meeting of the Gardeners' and Florists' Club these awards were made: Thalictrum from T. D. Hatfield,

100 LIVE GOLDFISH FREE

We are giving away, **FREE** of all charge, to one florist in each town, 100 live, healthy Goldfish. The florist can give one Fish to each customer as a premium and thereby increase his regular sales. The majority of people who never handled Goldfish have the mistaken idea that Goldfish die very rapidly and are a great care. Handle Fish as we instruct and you will not lose two out of a hundred and they will be but little care. There is nothing that you can put in your window that will attract more attention than Goldfish.



Special Offer—Here is a Profit for You



INVEST $16.00 IN OUR COMBINATION NO. 10, AND **REALIZE $30.65**

CONTAINS THE FOLLOWING:

12 10c —1 pt. Globes	1 $1.00—2 gal. Globe	100 10c Fish
12 25c—½ gal. Globes	1 $1.25—2½ gal. Globe	25 15c Fish
6 50c—1 gal. Globes	6 Castles, $1.50	6 10c bunches Moss
1 box Pebbles, 10c.	3 small Castles, 45c	48 10c boxes Fish Food

FREE with each outfit, 100 Fish to sell or give away. 250 circulars. One dip net.

If you sell these 100 free fish at 10c each, you will make **$10.00 extra profit.**

Imported and American Goldfish, from $2.00 up per 100

We Manufacture WINDOW AQUARIUMS **SEND FOR CATALOGUE**

The Auburndale Goldfish Company, New No. 920 W. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

honorable mention; sport of T. Eaton chrysanthemum from H. F. Woods, vote of thanks; fine Princess of Wales violets from same exhibitor, cultural report of merit; Carnation Red Prince, an excellent scarlet seedling, from Backer & Co., report of merit; seedling No. 96, a promising white, from Backer & Co., honorable mention; Carnation Washington, a dark pink Enchantress sport from Henry Eichholz, Waynesboro, Pa., vote of thanks; Chrysanthemum W. T. Brock from W. N. Craig, honorable mention; Adiantum polyphyllum from William Thatcher, vote of thanks; Carnation Beacon from David Ring, vote of thanks; four vases of roses from Eber Holmes, vote of thanks; the latter contained dark and light pink Killarney, showing the better color secured by selection, also pink as well as scarlet Richmond.

Members and friends who intend going on the field day to Nashua, N. H., December 11, should notify the club's secretary in advance. Train leaves the north station at 11:30, arriving at Nashua Junction at 12:33. Dinner will be served before visiting George E. Buxton's establishment. Aug. Gaedeke & Co.'s place will be looked over later.

Various Notes.

James F. M. Farquhar sailed for Europe, November 17, on a short business trip.

H. M. Robinson & Co. are having a heavy call for their fine quality of boxwood and other greenery, and are at present exceptionally busy on Thanksgiving flower orders.

We continue to get abnormally warm and dry November weather. Such shrubs as Spiræa Thunbergii and forsythias have many flowers open, while such hardy plants as pansies, daisies, pompon chrysanthemums and primroses are blooming profusely. Lawns and fields are golden with dandelions in many places. This is not ideal Thanksgiving weather, nor such as flower growers like.

Among visitors last week were: F. R. Pierson, Tarrytown, N. Y.; E. A. Stroud and Robert Craig, Philadelphia.

Herman Waldecker, the well known Braintree florist, was married, November 16, at Whitehouse, Norfolk, Conn., to

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12.00
36x14x10	15.60
36x10x6	10.00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders received during November amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.

Mention The Review when you write.

Miss Marie Weibel. His many friends wish him many years of wedded happiness.

Lemoine Bros., of Framingham; F. T. White, of Holbrook, and C. J. Harvey, of Needham Heights, are all bringing in some nice wallflowers at present.

S. J. Goddard, Alex. Montgomery and E. A. Peirce are the Park street market committee on the S. A. F. national spring show.

The stock book of the new Boston Flower Exchange, Inc., will be open for subscriptions on and after November 22. The officers are as follows: President,

WIETOR BROS.

Wholesale Growers and Shippers of

Cut Flowers

51 Wabash Ave., Chicago

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stems	$5.00
30-inch stems	3.50
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
Short	.75

	Per 100
Bridesmaid and Bride	$ 3.00 to $ 6.00
Killarney	3.00 to 8.00
White Killarney	3.00 to 8.00
Mrs. Jardine	3.00 to 8.00
Richmond	3.00 to 8.00
Uncle John	3.00 to 6.00
Perle	3.00 to 6.00
ROSES, our selection	3.00
Carnations	2.00 to 3.00
Mums, doz., $1.50-$3	
Harrisii	15.00
Valley	3.00 to 4.00
Adiantum	1.00
Sprengeri	per bunch, .50
Ferns	per 1000, 1.50
Galax	per 1000, 1.50

Mention The Review when you write.

W. C. Stickel; vice-president, William Nicholson; clerk and treasurer, George Cartwright; directors, Alex. Montgomery, L. W. Mann, A. Christensen, E. A. Peirce, S. J. Goddard and Thomas Pegler. A stockholders' meeting will be held November 27.

W. W. Rawson & Co. report an exceptionally strong bulb demand and are pretty well cleaned out of all lines.

At R. & J. Farquhar's Roslindale es-

Get Ready for Christmas

We offer our immense stock of fruited, flowering and decorative plants at most reasonable prices. For more particulars write for our wholesale catalogue.

POINSETTIAS, 4 in a 6-in. pan, $12.00 per doz.; 5 in a 7-in. pan, $15.00 per doz.; 6 in an 8-in. pan, $18.00 per doz.; 7 and 8 in a 9-in. pan, $24.00 per doz.; 10 in a 10-in. pan, $3.00 each; 12 in a 12-in. pan, $4.00 each. Extra large, $5 00 each.

AZALEAS, Vervaeneana, Simon Mardner. 6-in., 50c. each, doz. $6.00 and $9.00; 6½-in. $1.00 each, doz. $12.00; 7-in., $1.50 and $2.00 each, doz. $18 00 and $24.00; 8 and 9 in. pots, $3.00 and $5.00 each. **Vervaeneana Pyramids,** $5.00 each.
Deutsche Perle. 7 and 8-in. pots, $1.50 to $3.00 each.
Mme. Petrick. 5, 5½ and 6-in pots, $6.00, $9.00 and $12.00 per doz.
Firefly. In bloom for Christmas, 4½ and 5-in. pots, $4.00, $5.00 and $6 00 per dozen; larger, $9.00 per doz.

BOUGAINVILLEA Sanderiana. 5½-in. pots, $6.00 per doz., well budded, can be forced for Christmas, show color.

CAMELLIAS, Shandieri, pink; **Campbell,** red. Loaded with flowering buds. Very fine for Christmas. 6½-in., $1.25 and $1.50 each; larger, $1 75 and $2.00 each.

ERICA fragrans. Very fine, in bloom for Christmas. 5½-in., $9 00 per doz; 6-in, $12.00 per doz..; 7-in., $18.00 per doz.; 8-inch, $24 00 and $36.00 per doz. Specimens, $4.00, $5.00 and $6.00 each.
regerminans. 4½-inch pots in bloom now and also for Christmas, $4.00 and $5.00 per doz.

EPACRIS alba. 3½ and 4-in. pots, $4.00 per doz. Selected plants, $5.00 per doz.

ENGLISH DAISY. In bloom. 5½ and 6-in. pots, $6.00 per doz.; 6½-in., $9.00 per doz.

ARDISIA crenulata. Red; well berried for Christmas. 5-in., $1.00 each; 5½-in., $1.25 and $1.50 each.

JERUSALEM CHERRIES. Red berried, 5½-in., $4.00 per doz.; 6-in., $6.00 and $9.00 per doz.

ORANGES, Citrus Sinensis. Very fine. 5, 6, 6½, 7, 8 and 9-in. pots, also in 7-in. Azalea pans, ripe, from 75c, $1.00, $1.50, $2.00, $3.00 and $4.00 each.

CROTONS, colored. For vase planting, 4-in., $4.00 per doz.

PANDANUS Veitchii. Variegated, 4½-in., 35c each, $4.00 per doz., $30.00 per 100; 5 in., 50c each, $6.00 per doz; better, 5-in., 75c each, $9.00 per doz.; 6 in., $1.00 and $1.25 each; 7-in., $1.50 and $2.00 each.

LIGUSTRUM aureum. Golden Privet, 2½-in., $1.00 per doz.; 7-in., $1 00 each.

ASPIDISTRA variegata. 5½-in., 75c each; 6-in., $1.00 each; 7-in., $1.50; 8-in., $2.00 each.

ARAUCARIA excelsa. 5-in., $6.00 per doz.; 5½ and 6 in., $9.00 per doz.; 6-in., larger, $12.00 per doz.; 6½-in., $15 00 per doz.; 7-in., $2.00 each; 8-in., $3.00 and $4.00 each.
glauca. 5-in., $1.00 each; 5½-in., $1.50 each.

BOXWOOD. For window boxes, 20c, 25c and 35c each.
Pyramids. Fine shapes. From $3.00 to $10 a pair.
Standards. $2.00, $3.00 and $4.00 a pair.

CIBOTIUM Schiedei. 6-in., $2.50 each; 6½-in., $3 50 each.

FERNS, Boston, Piersoni, Whitmani, Scholzeli, Scottii, in all sizes.
Scholzeli, 6-in., $1.00; 6½-in., $1.50; 7 in., $2.00 each.
Scottii, 5-in., $4 00 per doz.; 6-in., $6.00 per doz.; 6½-in., $9.00 per doz.; 7-in., $12.00 per doz.

FICUS elastica. Large-leaved, very fine plants, single, 6 and 6½-in., $6.00 and $7 00 per doz.
Branched, 6½-in., $9.00 per doz.; 7-in., $12.00 per doz.; 2 in an 8-in. pot, $18.00 per doz. Combinations, 9 and 10-in., 5 and 4 in a pot, $2.50 and $3.00 each.
pandurata, 5½ in., $1.00 each; 6½-in., $1.50 each; 7-in., $2.00 each.

PANDANUS utilis. Green, 7-in., $1.50 each; 8-in., $2 00 each.

DRACAENA Massangeana. 6, 6½ and 7-in. pots, $1.00, $1.25 and $1.50 each.
striata, new, 6-in. pots, $1 50 each.
gracilis, 3½ and 4-in., $3.00 and $4.00 per doz., 6-in. pots, $1.00 each.
Lindeni, 6 and 6½-in. pots, $1.00, $1.25, $1.50 each.
Goldeana, fine, 5, 5½ and 6-in., $1.00, $1.25, $1.50 each.
fragrans, 5½-in., $6.00 per doz.; 6-in., $9.00 and $12.00 per doz.; 7-in., $18.00 per doz.; 8-in., $24 per doz.
Veitchii superba. 7-in., $1.00, $1.25, $1.50 each, green—an improved Indivisa.
indivisa, 4, 4½, 5, 6, and 7-in. pots, $2.00, $3.00, $4.00, $5.00 and $6.00 per doz.

PHOENIX Canariensis. 7, 8, 9 and 10-in. pots, $4.00, $6.00, $10.00 and $12.00 a pair.
Roebelenii. 3½-in., $4.00 per doz ; 4-in., $6.00 per doz.; 4½-in $9.00 per doz.; 5½-in., $12.00 per doz.; 6-in., $18.00 per doz.

KENTIA Balmoreana and Forsteriana, single and combination; all sizes. See catalog.

PHAPIS humilis. 7, 8 and 9-in. pots, $1.50 to $5.00 each.

ALSOPHILA australis, similar to Cibotium, 5-in. pots, nice plants, $6 00 per doz.

CYCAS revoluta, 6½, 7, 8 and 9-in. pots, from 50c to $3.00 each.

LILACS, Mary Legray, Charles X, Louis Spaeth, Mme. Lemoine, (see catalog).

10 or more sold at 100 rates. Cash with order, please. All goods must travel at purchasers' risk.

ANTON SCHULTHEIS, 316 19th Street, College Point, L. I., N. Y.

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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$2.25 per 100
No. 1	3x4½x16	2.00 per 100
No. 2	3x6x18	2.50 per 100
No. 3	4x8x18	2.90 per 100
No. 4	3x5x24	3.00 per 100
No. 5	4x8x22	3.50 per 100
No. 6	4x8x28	4.50 per 100
No. 7	6x16x20	5.75 per 100
No. 8	3x7x21	3.00 per 100
No. 9	5x10x35	6.75 per 100
No. 10	7x20x20	7.50 per 100
No. 11	3½x5x30	3.75 per 100

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

tablishment a 300-foot house of Lorraine begonias is an attraction now for many visitors. The plants are finely grown.

John McFarland and W. T. Walke have extra fine lots of poinsettias coming on for Christmas. The latter has a splendid lot of lilies also.

W. N. CRAIG.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

Write for Special Prices on all Holiday Goods

WIRE GOODS FOR CHRISTMAS

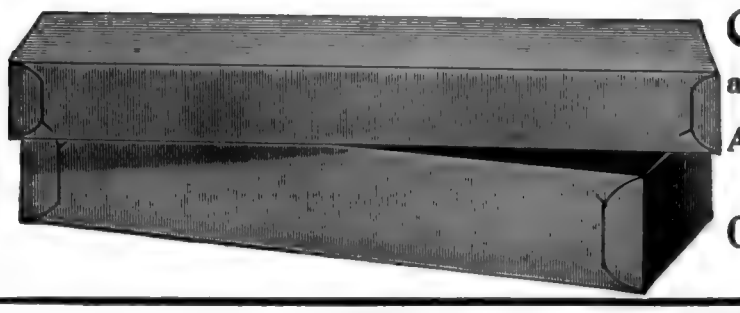
CRIMPED WIRE RINGS

	Per 100	1000
8-inch	$0.40	$3.75
10-inch	.45	4.00
12-inch	.50	4.50
14-inch	.60	5.50
16-inch	.80	

All Orders will be Promptly Filled

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Cut Flower and Design Boxes

All sizes, lowest prices

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C. C. POLLWORTH CO.
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Lily of the Valley

For Cut Flowers—Prices, $3.00 and $4.00 per 100. Have an entire house of it and solicit a share of the trade of the Southwest. Satisfaction guaranteed. Shipping facilities are the best and we can handle all orders.

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400 E. 3d St., or Phone 206 Long Distance

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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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Armadillo Baskets

THE HIT OF THE SEASON

Something new and unique for florists. They make novel flower and hanging plant baskets. Are well prepared and guaranteed waterproof. These baskets are made in (4) four different styles and sizes. The price ranges from 60c and up for jobbers. The plain basket makes a unique novelty for a gift, very strong and durable. They are made from the horned shell of the Armadillo.

WHAT IS AN ARMADILLO? A most curious and interesting animal, captured in the mountains of West Texas and Old Mexico. In freedom it makes its nest about six feet under ground; sleeping during the day, it ventures out at night. Its shell or armor is fashioned into the oddest and most curious baskets ever known. I have no agents and therefore am able to give you my lowest quotations. Ship goods direct to all parts of North America. Write for catalogue and prices, special terms to jobbers.

CHAS. APELT, Comfort, Texas (The Home of the Armadillo). Dealer in Texas and Mexican Curiosities. My Specialty is the Waterproof Plant Basket.

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Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross

Nothing on the market like it for the money

Gustave Schroeder, Artificial Flower Manufacturer

1524 Prospect Ave., CLEVELAND, O.

Samples sent on receipt of 16c to cover postage.

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PROVIDENCE, R. I.

The Market.

With a slight decline in temperature there was a perceptible improvement in trade last week, so that general business has been materially accelerated. There has been a good demand for mums at $2 to $4 retail, and the growers have been hard put to fill rush orders on several occasions. Violets and roses are coming better, while carnations, always a Providence favorite, move rather slowly while the mums are on show.

Funeral work has been unusually brisk, the number of prominent persons who have died recently calling for an exceptionally large number of floral pieces. This was especially noticeable in the cases of Dr. Frank B. Sprague, on November 20, when more than 100 designs were shown, and at Albert Winsor's funeral, when several large special pieces were made.

Social functions also have been on the increase, there having been a number of weddings and receptions, while debuts, on the east side, have made heavy demands for choice stock.

Club Meeting.

The annual meeting of the Florists' and Gardeners' Club of Rhode Island was held at the rooms of the association, in Swart's lodge hall, 96′ Westminster street, this city, on Monday evening, November 15, with a large attendance. The reports of the various officers and committees showed the club to be in a good financial and numerical condition.

The meeting was called to order at 8 o'clock with ex-President James Hockey in the chair, in the absence of President Charles Macnair. After the reports, the following were unanimously elected as officers for the ensuing year: President, Robert Johnston; vice-president, Eugene A. Appleton; secretary, William E. Chappell; treasurer, William Hill; executive committee, James Hockey, Cornelius Hartstra and Harry Clark; librarian, James Dillon.

A supper was served, after which the rest of the evening was given over to a discussion of the best way to arouse more enthusiasm in the club and of acting more in harmony and conjunction with the Rhode Island Horticultural Society. Nearly all the members took an active part in the general debate, but no satisfactory solution to the problem was reached.

It was voted to hold the annual supper of the club on Monday evening, January 17, and a committee consisting of Eugene A. Appleton, Alexander Macrae and Harry Clark was appointed to make the necessary arrangements.

Various Notes.

E. J. Fancourt, of Pennock-Meehan Co., of Philadelphia, was a visitor in the city last week. On November 15, he was a guest at the meeting of the Florists' and Gardeners' Club.

H. M. Wilson, of Middletown, is booking many orders for privet and ornamental trees and shrubs.

The Highland Floral Co., 17 Tenth street, has been making a big run on small potted palms and ferns.

John B. and James H. Dennison have

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.



New Reduced Price List

	Per doz.	100
To fit 4-in. pots.	$1.00	$ 7.00
To fit 5-in. pots.	1.10	8.00
To fit 6-in. pots.	1.20	9.00
To fit 7-in. pots.	1.35	10.00
To fit 8-in. pots.	1.60	12.00
To fit 9-in. pots.	1.85	14.00
To fit 10-in. pots.	2.10	16.00
To fit 12-in. pots.	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.

W. H. GREVER, Manager

146 Hughes Avenue, BUFFALO, N. Y.

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FANCY FERN FINEST MICHIGAN STOCK FANCY FERN

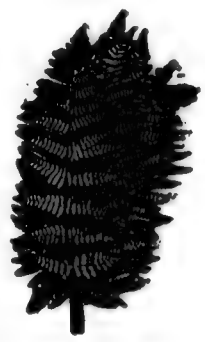


Per 1000, $1.25. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $8.50 per 10,000
Leucothoe Sprays, green.....$1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



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Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

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New Bronze Galax

This Year's Stock,
Per case of 10,000, $6.50.

C. E. CRITCHELL, Cincinnati, Ohio

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A-No. 1 WILD SMILAX
$2.25 per 50-lb. case. Magnolia sprays, same. Best Needle Pines, $5.00 per 100. Well-berried Holly, $2.00 per 60-lb. case. Cash.
Garland Florists' Exchange, Garland, Ala.
Mention The Review when you write.

purchased the greenhouses and 6,545 square feet of land constituting the Dennison homestead, at Newport, at public auction for $2,600.

Charles H. Hunt made twenty-four pieces for funerals on November 17 and 18, including a special design of a fireman's helmet.

Eugene Appleton was one of the ushers at Infantry hall, November 17, at the big reception tendered to Hon. T. P. O'Connor.

Charles S. Adams, of Kingston, picked a bunch of arbutus in the woods on November 16. This is most unusual, as arbutus usually blossoms only in the early spring. W. H. M.

NEW ORLEANS.

Club Meeting.

At the meeting of the New Orleans Horticultural Society, held Thursday, November 18, the committee on securing a club house at the lake shore was not ready to make a report. It was decided that in any case, before making a transaction of that kind, the society



FERNS! FERNS!

FRESH AND FINE.
Prompt service.
Quality guaranteed.

Fancy or Dagger Ferns.....$1.00 per 1000; $3.50 per case of 5000
Green or Bronze Galax..... .50 " 4.50 " 10,000
Green Leucothoe Sprays, large.....$2.00 per 1000
" " " " 12 to 16 inch..... 1.25 "
Bronze " " " ..... 3.00 "
Holly, very fine, $3.00 per case, 2x2x4.



THE MOUNTAIN FERN CO. :: BUTLER, TENN.

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Western Florist
Supply House

Save freight and expressage by buying near home.

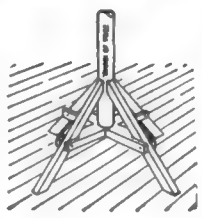
Christmas Greens
Holly, Wreaths, Roping, Etc.

Write for our new price list.
A large stock now ready for prompt delivery.

THE BARTELDES SEED CO.
DENVER, COLO.

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BARTON XMAS TREE HOLDER



Simple, Practical, Inexpensive.

Simply drive a nail into the bottom of tree and weight brings legs of holder against tree as clamps. Hundreds sold last year to Florists selling trees.

Only $1.60 per dozen.

Address BARTON MFG. CO.
Ivyland, Pa.

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FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $3.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.
Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

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Southern Wild Smilax Ferns, Pines, Palms, Holly
Louisville Floral Co., Louisville, Ala.

Always Mention the Florists' Review when writing advertisers

HOLLY-HOLLY-HOLLY

If you are in the market for some FANCY DELAWARE HOLLY, let me hear from you. I have contracted for the Holly off of 175 acres of swamp woods in Delaware and it contains some of the finest dark green Holly trees that ever grew, and it is chock full of Berries. I will have it packed in regular size cases, 2x2x4, and guaranteed as represented. Will be ready to ship about December 1st. Price per case, $3.00; 10 case lots or over, $2.75. Special quotation on 50 cases or over. Shipped direct from the woods.

HOLLY WREATHS

My Holly Wreaths will be made of the very finest selected dark green Holly on 10-inch hoops, and will be well-berried. $10.00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING

My Laurel Wreathing will be made of the brightest Swamp Laurel that it is possible to secure in 25 and 50-yard lengths. Price, 3c per yard.

MISTLETOE

My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $5.00 to $10 00, according to quality.

LYCOPODIUM, in 10 yard rolls, 8½c and 10c per yard.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Reference: 6th National Bank. Mutual Trust Co. **Philadelphia, Pa.**

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should be chartered, and the secretary was instructed to consult an attorney on the subject.

A memorial of the late John H. Menard was ordered to be printed and copies presented to his family and distributed among the members.

A highly creditable exhibit of flowers was on the table. The Metairie Ridge Nursery Co. had a lot of chrysanthemums, most of them of the midseason varieties, such as Jerome Jones, Dr. Enguehard, Cannell, Timothy Eaton, Golden Wedding, W. H. Chadwick and Buff Globe. They were all good flowers, as perfect as can be grown under glass anywhere, north or south.

In the line of roses, American Beauty, Bridesmaid, Ivory and Smith were also fine. The field-grown varieties were numerous. At no other time of the year have we had such a quantity of perfect roses grown all over the gardens in New Orleans. A few spikes of double tuberose, well opened and cultivated under glass, showed that this flower can be cultivated here when protected from thrips, though the prevailing idea so far among the florists has been that only the single sort could succeed here. President A. Alost had nice samples of American Beauty and Cochet roses.

R. Eichling is a week ahead on last year in the flowering of his Paper White narcissi and presented a bunch of outside flowers, without any forcing. J. St. Mard showed that chrysanthemums can be grown well outside of a greenhouse, by a few samples that he had brought.

In order to make the meetings more interesting, Mr. Lagerbie made a motion that the members should bring to each meeting some plants and flowers for discussion. Next meeting will be for plants suitable for Christmas presents and decorations. M. M. L.

Mrs. P. Kaul, wife of the florist at 633 Cherokee street, recently met with a serious accident. She slipped and fell against the wall of a greenhouse, forcing her hand through a pane of glass, and the hand was almost severed from the arm. Mr. Kaul has completed a handsome new greenhouse, adjoining the old ones.

HOPKINSVILLE, KY. — T. L. Metcalfe, who has stores and greenhouses here and at various other places in Kentucky, Tennessee and Illinois, recently visited Paducah, Ky., with a view to establishing a branch in that city.


FANCY DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

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J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.

Orders sent by freight are packed in moss

All orders filled promptly. **BANNERS ELK, N. C.**

HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FflorISTS



CUT FLOWERS OF ALL KINDS



Hardy Cut Evergreens and Florists' Supplies
Brilliant Bronze and Green Galax, Southern Wild Smilax, Dagger and Fancy Ferns, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays, Leucothoe Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.

15 Province St., and 9 Chapman Place, **BOSTON, MASS**

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GALAX
FERNS
LEUCOTHOE



We are gatherers, located in new territory. Orders in any quantity solicited. Quality guaranteed.

Write for prices.

The Tuckaseigee Evergreen Co.
SYLVA, N. C.

HOLIDAY PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50	per 1000
Galax, green, violet size, 2 to 2½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.

Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per bunch.....25c Per case of 50 lbs.. 7.50

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.00 Per 50 lb. case.. 5.00

SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, WHOLESALE COMMISSION FLORIST, 34-36 East Third Street, **Cincinnati, Ohio**

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Galax and Ferns

New crop, fresh from the patch.

Bronze Galax.....$0.50 per 1000
Green Galax Leaves..... .45 "
Fancy and Dagger Ferns..... .70 "
Green Leucothoe Sprays..... 2.00 "

I have had nine years' experience, which enables me to guarantee perfect satisfaction. Send cash with first order. Please give me a chance to ship you a small order and I am sure that I will secure your large orders too.

E. F. TESTER & CO.
WATAUGA FALLS, N. C.

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FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

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FERNS, GALAX, LEUCOTHOE

Only fresh stock handled.
Prices f. o. b. Elk Park, N. C.

Galax, bronze or green.....50c per 1000
Galax, smaller size .....40c per 1000
Fancy or Dagger Ferns.....$1.00 per 1000
Green Leucothoe Sprays, long.. 2 00 per 1000
Green Leucothoe Sprays, 10 to 15-in, $1.00 per 1000. Terms cash.
Reference, Citizens' Bank, Elk Park, N. C.

F. H. STINSON, Banners Elk, N. C.

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P. C. CIANNOPULOS & CO.

Wholesale dealers in



DAGGER FERNS, GALAX,
Princess Pine, Laurel Leaves, Sprays, Etc.
New Haven, Conn.

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Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

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READY NOW For Fall and Winter Shipments.

G. J. WALKER

Dealer in

FANCY AND DAGGER FERNS

SAVOY CENTRE, MASS.

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THE KERVAN CO.

113 W. 28th St., NEW YORK
WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.
Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.
Christmas Greens, Holly, Mistletoe, Pine Plumes, Table and Christmas Trees. **All Decorating Material in Season.**

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FERNS, GALAX, ETC.

Fancy or Dagger Ferns...90c per 1000 or $3.25 per case of 5000
Green Galax .....50c per 1000 or $4.00 per case of 10,000
Green Leucothoe Sprays .....$2.00 per 1000
Green Leucothoe Sprays, 12 to 16-in..... ..... 1.25 per 1000
Bronze Galax.....50c per 1000; $4.00 per case
Bronze Sprays..... 3.00 per 1000
Holly..... 3 00 per case

——Quality Guaranteed.——



WATAUGA EVERGREEN CO., :: :: **BUTLER, TENN**

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Fancy **Maryland Delaware Virginia** **HOLLY**

Holly, long or short branches, per case.....$3.00
Green Sheet or Log Moss, per bbl..... 1.25
Laurel, for decorating, per case..... 2.50
Laurel, for roping, large bag..... 1.00
Ground Pine or Running Cedar, per bag..... 1.00
Stone Tomato Seed, per lb..... .50

Cash with first order

W. Z. PURNELL, Snow Hill, Md.

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FANCY

DELAWARE HOLLY

Having secured some strictly fancy Holly, am in position to supply the trade better than ever before. The foliage is perfect, glossy and dark green, and heavily berried. We personally supervise the packing of all our goods. Price delivered by freight, points east of Mississippi River, $3.75 per case.

Holly wreaths, made by experienced makers, from best glossy, dark green holly, wound with wire on round hoops, with four large clusters of berries, 14-inch, per 100, $10.00.

We solicit the placing of your orders early. Special attention given to small orders.

Cash with Order

H. AUSTIN CO.

Felton, Del.

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Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

MOUNT CLEMENS, MICH.

The greenhouses of John Breitmeyer's Sons were never in better shape than now. In the new range one of the 250-foot houses is devoted to carnations, mostly of the newer varieties. This house is under the supervision of Ernest Wolf, who deserves much credit. Pink Imperial attracts much attention. This is one of the favorites. It bears a good, large flower early in the season.

The roses at Breitmeyer's give every promise of a fine crop of nice, clean flowers this year. My Maryland looks especially fine. This variety appears to be an extra good one. It is not subject to disease, as are most of our roses. The Beauties, Killarneys and, in fact, all the roses showed much good care on the part of Melvin Davison, who is in charge. Two houses, each 36x250 feet, were added to the new range last summer, and these are now devoted to roses. This addition makes a total of 175,000 square feet of glass in the new range. Eventually all the houses will be on this part of Breitmeyer's sixty-five acres of ground.

One thing especially noticeable at Breitmeyer's is the growing of vegetables. Every available space is planted with tomatoes, lettuce, etc. Fred Breitmeyer says, "When our early mums and indoor asters are gone, we have plenty of time to grow a crop of vegetables before we need the benches again, and it is by having your houses working for you always that you make them pay." The chrysanthemums at this place would be hard to beat. Every good commercial kind and some fancies are grown. Many fine pompons, anemones and singles are also seen. In the pompons the beautiful dark bronze variety, Vera, causes many exclamations.

At Robert Klagge's place one of the principal features is an unusually fine house of La Detroit roses. The even growth of these is really remarkable, each and every plant about the same as its neighbor. When Mr. Klagge starts cutting, then look out. The Detroit market will see as fine La Detroits as one could wish for, and lots of them.

Leopold Mallest grows only carnations and violets, but these he does well. His carnations were not planted until the latter part of July. They have taken a good hold and show great care. Mr. Mallest employs but little help, but, by strict attention to business and with the help of his father, manages to grow stock above the standard.

At A. L. Stevens' place a fine lot of stock greets the eyes. Besides carnations and violets, Mr. Stevens will this year try his luck with sweet peas. If he succeeds in growing the sweet peas as well as he has grown the other stock, then all will be well.

At John Cary's the visitor will certainly feel compelled, in spite of the proprietor's modest denials, to form a high opinion of the stock, especially the Killarney roses. The house of Killarney seen here, both white and pink, is not surpassed by anything at Mount Clemens.

August von Boeselager has more than just greenhouses. He has an eye to the artistic. The grounds around his residence are very nicely laid out. Upon entering the greenhouses, you pass through a cobblestone front, the windows of which are all outlined with miniature electric lamps.

The carnations seen at Boeselager's remind one of a field of thrifty weeds, so heavy is the growth. The plants are healthy and one mass of buds. Some fine varieties of pompon and anemone mums are also seen. H. S.

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Do you advertise? If so you want results. We get them for you through **In And Out Door Floral Culture** (copyrighted 1909), a book of 32 pages, 8x10, beautifully illustrated with half tone cuts of plants, floral designs and wedding decorations. The book contains floral cultural notes written so as to appear as your own production, with your name and address printed on first page of cover, which is beautified with a garland of roses either in one or two colors. There is not a cheap spot in the book, enameled paper, high class workmanship. A credit to any first-class floral shop or retail florist establishment.

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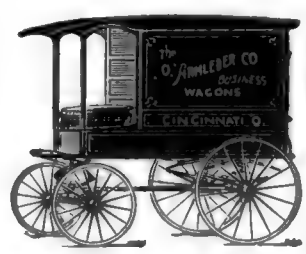
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SITUATION WANTED—In Chicago by designer and decorator; can give the best of recommendations. Address No. 51, care Florists' Review, Chicago.

SITUATION WANTED—By young man, experienced in general greenhouse work and outside; good references; willing and obliging. Address D. S. S., Box 12, Topsfield, Mass.

SITUATION WANTED—By young man as assistant gardener on private or commercial place; state wages and particulars in first letter. Address No. 63, care Florists' Review, Chicago.

SITUATION WANTED—By experienced grower of roses, carnations, mums, bulbs; designer, decorator; good propagator; take charge; best references; good wages. Address Florist, 707 17th St., Detroit, Mich.

SITUATION WANTED—Reliable florist and gardener; 18 years' experience; private or commercial; 34 years; single; capable of taking charge; best of references furnished. Address No. 216, care Florists' Review, Chicago.

SITUATION WANTED—By a first-class grower of roses, carnations, mums and general line of pot and bedding plants, with 22 years of experience, capable of taking full charge and handling help to best advantage. Address No. 47, care Florists' Review, Chicago.

SITUATION WANTED—As manager or foreman by a practical grower of cut flowers, plants, forcing of all kinds of bulbs; capable of taking entire charge of a large plant; has had a life experience; good references. Address Florist, 1225 Race St., Philadelphia, Pa.

HELP WANTED—Experienced seed salesman to market gardeners, Atlantic coast states, Maryland and north. Address Box 58, Franklin, Mass.

HELP WANTED—Assistant in retail place, capable of growing general stock; good worker; state wages and references; good chance for advancement. Address John Fuhlbruegge, Winona, Minn.

HELP WANTED—A good carnation grower as assistant to German-American foreman, on large place, Frankford, Germany; steady position; knowledge of German not necessary; $50 a month. Address No. 64, care Florists' Review, Chicago.

HELP WANTED—At once; a competent rose and carnation grower; permanent position; with or without residence. Shotwell Floral Co., Fargo, N. D.

HELP WANTED—A good all-round greenhouse man, sober and willing to work; none other need apply; state wages expected, with references. Chas. Frueh & Sons, Saginaw, Mich.

HELP WANTED—Man to work in flower store in one of the largest cities in Connecticut; must be honest, strictly sober and not afraid of work; give full particulars as to experience, reference, salary expected, etc. Address No. 66, care Florists' Review, Chicago.

HELP WANTED—Competent, single, English speaking German, who is temperate, honest, industrous and trustworthy, to grow stock for retail trade; none but good worker need apply; full charge; references in first letter and wages wanted. Address No. 57, care Florists' Review, Chicago.

WANTED—Address of Mr. Chas. Heide; something to his advantage. Address No. 61, care Florists' Review, Chicago.

WANTED TO LEASE—Retail greenhouse establishment, near Chicago; state full particulars in first letter; terms must be reasonable. Address No. 65, care Florists' Review, Chicago.

WANTED—Greenhouses, 8000 to 15000 ft. glass, in good condition; small land acreage, with dwelling; near good market, for retailing. Address Box 204, West Brownsville, Pa.

WANTED—By a young, experienced florist and gardener; good grower of carnations and general line of stock; best references; commercial or private. Address Florist, general delivery, Houston, Texas.

WANTED—Second-hand boilers; if you have a good steam or hot water boiler to sell give full particulars together with lowest price; if your price is right and boiler in good condition, I'll dispose of it for you quickly; get my price on steam pipe. Elmer Rawlings, Olean, N. Y.

FOR SALE—Seed and plant business with stock and fixtures; a bargain if taken at once. C. H. Jackson, Oconomowoc, Wis.

FOR SALE—Cheap; one Ideal sectional hot water boiler, 2000 ft. radiation; and one Honeywell generator, new. Miller Bros. Abilene, Kan.

FOR SALE—Rent, or exchange; 3 greenhouses, 5-room house, located near cemetaries; write for particulars. C. E. Stone, 1007 Campbell Ave., Columbus, Ohio.

FOR SALE—Half interest in greenhouse, 7500 ft. under glass; 20 miles from Chicago; doing good business; terms to suit. Address No. 43, care Florists' Review, Chicago.

FOR SALE—Greenhouses, filled with carnation, bedding stock; horse, wagon and all necessary tools; situated in northern Ohio; price $1100. Address No. 58, care Florists' Review, Chicago.

FOR SALE—Standard return steam trap No. 2, and receiver, in good working condition; only slightly used; will take care of 20,000 ft. 1-in. pipe; price $50.00. E. H. Luckhart, Northumberland, Pa.

FOR SALE—10,000 ft. glass, store, 6-room dwelling and land, 163 x 125; all improvements in; will sell reasonably account of other business. If you want a bargain address No. 52, care Florists' Review, Chicago.

FOR SALE—Good location for greenhouse: opposite Eden Cemetery, Chicago; 173 x 373. Will divide to suit; also three-quarter acres, Park Ridge, Ill. Low price for cash. Address No. 67, Florists; Review, Chicago.

FOR SALE—Hinsdale, Ill., E. C. Crosby greenhouse plant, running order, 45,000 ft. of glass, 20,000 carnations, etc., with coal; 10 acres, 1 house, 2 cottages, 3 barns, 2 cisterns and village water; value $25,000, for $16,000 if taken at once; might divide; 30 minutes from Chicago.

FOR SALE—Standard, new, black, wrought iron pipe, guaranteed, 2-inch, 8½c per foot, any quantity; send me your list of wants in all sizes of pipe, valves, fittings, etc.; I can save you money; I want your trade; a trial order will convince. Elmer Rawlings, Olean, N. Y.

FOR SALE—In a growing city of 35,000, in central Ohio, well equipped greenhouse, plant of 20,000 ft; part iron gutters and cement benches and walks; steam heat; 2 boilers; natural gas; city water; street cars stop at door; opposite only cemetery in city. A. J. Baldwin, Newark, Ohio.

FOR SALE—5 greenhouses, 6000 ft. glass, in good running order, all in lettuce, could sell three times as much right at home; 4 acres land, 1000 ft. cold frames, dwelling and lot 70x140 besides; price $4250.00; $1000.00 down; this is a bargain. For particulars write C. W. Anderson, Shawnee, Okla.

FOR SALE—Two greenhouses, 17 x 100 and 30x100; a 6-room dwelling, in good repair; one rose house, 30x12; lot, 96x132; price, $5,000.00; good terms; write; send stamp. Address M. Fenton, West Newton, Pa.

FOR SALE—An old-established retail florist business in the Lower East Side, New York City; a good place for a German, Jew or Greek; lot of funeral work; reason for selling, want to retire; 4-year lease; cheap rent; fine opportunity; no reasonable offer refused. Address No. 191, care Florists' Review, Chicago.

FOR SALE—6000 ft. of glass, steam or hot water system; 2½ acres of land, dwelling; greenhouses have concrete walls, concrete raised benches, iron purlins and posts; built 1908; best location in city of five to six thousand inhabitants; no opposition for 35 miles around. Those meaning business address No. 60, care Florists' Review, Chicago.

FOR SALE—Established wholesale and retail florist business located in the best city in the state of Oklahoma; nine newly built and modern greenhouses, 100x21, all in the best condition, heated by steam; city water; all well stocked with carnations, roses, palms and ferns; one horse, three wagons and all that is needed in florist business; also flower store in the best locality; sale for all you can grow; city of 25,000 population; also 25 surrounding towns; doing the best of business; net profit $4,000 to $5,000 a year doing a business of $12,000; I am leaving for Europe to educate my daughter in music. Address No. 45, care Florists' Review, Chicago.

HELP WANTED

At once, grower of experience for roses, $14.00 per week: please answer with references.
Max Rudolph, 11 W. 12th St., Cincinnati, Ohio

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A good all-round grower of general greenhouse stock; must be temperate and capable of producing first-class stock; 25,000 feet modern glass; good wages to a good man. **Burdell Floral Co.,** Bowling Green, Ky.

Wanted A good grower of carnations, mums, bedding stock, etc.; must be a hustler; state experience, wages expected, references; permanent position for steady, industrious man. Address No. 56, care Florists' Review, Chicago.

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Unmarried man, capable of handling stock under glass and outside. Must come well recommended and be willing to go to New Mexico.
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Wanted

At once; competent rose and carnation grower; married; state salary expected, with references. Address

Daniel E. Gorman, Williamsport, Pa.

Wanted

A young man from 21 to 25 years old, No. 1 store man; must be a good designer and decorator, with best of reference; state salary; position first-class. Address No. 40, care Florists' Review, Chicago.

Wanted Partner

With $7000.00 to $10 000.00 to take half interest in one of the best nurseries in a central northern state; must have knowledge and skill to handle the office end of a canvassing and catalogue business, or will sell the whole plant at a reasonable price and very favorable terms. Address No. 62, care Florists' Review, Chicago.

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On gentleman's country place wants position of trust; thoroughly experienced in the management of breeding and harness horses, exhibition poultry, lawns, shrubberies, general farming and all requirements of gentleman's estate; Scotch; married, small family; thirteen years in present position; habits and references the very best. Address No. 59, care Florists' Review, Chicago.

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Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. 48, care Florists' Review, Chicago.

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The Florists' Manual

We note your advertisement in a recent number of the REVIEW of the second edition of Scott's Florists' Manual, and request that you enter our order for a copy of this valuable book. The writer is thoroughly acquainted with the first edition of this work, having often had occasion to use it for reference while a student at the Michigan Agricultural College. Please rush this order, for we feel, with Mark Twain, that we "would rather not use violence."

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Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

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Out of town orders given expert and personal attention. Try me.

CINCINNATI.

The Market.

Business last week was fairly good, with nothing of great importance to report. All the growers of this vicinity are looking for colder weather. Prices for Thanksgiving will advance slightly and it is the general opinion that if colder weather should set in, prices will advance considerably.

Chrysanthemums have passed midseason, and after another week only a few late varieties will grace the market. This reminds me of our old friend Harry Sunderbruch. He once said, "I am always glad to see chrysanthemums making their appearance; they open up activities among flower lovers in the fall, and I am just as glad to see them go because they depreciate the value of everything else;" and I think he was right. An order of a few dozen choice blooms takes a horse and wagon.

Roses have been plentiful, except American Beauties, of which there seems to be no surplus. My Maryland, Killarney and Richmond have a steady call, with Brides and Maids sluggish. Car-

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Orders for North Carolina promptly attended to by

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nations come in excellent condition, quality never being better for this time of the season, prices ranging about the same as last week—$3 per hundred for the best. Harrisii lilies are enough to meet demand, selling from $8 to $10 per hundred. Paper White narcissi have made their appearance, but have no call. Good violets have a steady call at 50 cents per hundred. Green goods have been plentiful, with a steady demand. Pot grown chrysanthemums in the Sixth street flower market moved slowly last Saturday, but there was a healthy call for well grown cyclamen, Primula obconica and Gloire de Lorraine.

Various Notes.

The chrysanthemum show at the city park greenhouses, last week, attracted much attention and many visitors.

Nathan Smith & Son, Adrian, Mich.,

JOHN WOLF

SAVANNAH, GA.
Wholesale and Retail **Florist**

Canada's Florist

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"Where Quality is Paramount."

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Write, Telephone or Telegraph.

All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

906 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by

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Write, Wire or Phone Your Orders to

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Regular discount allowed on all orders, either Plants or Cut Flowers.

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Telegraph Orders a Specialty.

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The Cleveland Cut Flower Co.

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Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

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Spokane Florist Co.

SPOKANE, WASH. Up-to-date Florists

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

showed two enormous seedling chrysanthemums before the judges here last Saturday.

S. S. Skidelsky, of Philadelphia, was with us last week, looking up trade.

Richard Witterstaetter celebrated his fiftieth birthday November 17. His cousins, the Misses Estelle and Emma Wocher, having been here on a visit, helped to make the occasion a memorable one. H. SCHWARZ.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Philadelphia	New York	S'hampton	Nov. 27
Columbia	New York	Glasgow	Nov. 27
Pennsylvania	New York	Hamburg	Nov. 27
Pannonia	Boston	Liverpool	Nov. 27
Merion	Philadelphia	Liverpool	Nov. 27
Carolina	New York	Porto Rico	Nov. 27
Tajus	New York	Jamaica	Nov. 27
Caronia	New York	Egypt	Nov. 27
Friedrich Wm.	New York	Bremen	Nov. 30
Chiyo Maru	San Fr'sco	Hongkong	Nov. 30
Mauretania	New York	Liverpool	Dec. 1
Teutonic	New York	S'hampton	Dec. 1
Vaderland	New York	Antwerp	Dec. 1
K. Albert	New York	Genoa	Dec. 1
Romanic	New York	Italy	Dec. 1
La Touraine	New York	Havre	Dec. 2
Carpathia	New York	Liverpool	Dec. 4
Baltic	New York	Liverpool	Dec. 4
St. Paul	New York	S'hampton	Dec. 4
Furnessia	New York	Glasgow	Dec. 4
Waldersee	New York	Hamburg	Dec. 4
Canada	Montreal	Liverpool	Dec. 4
Ponce	New York	Porto Rico	Dec. 4
Luisiana	New York	Genoa	Dec. 4
Saxonia	New York	Egypt	Dec. 4
Asia	San Fr'sco	Hongkong	Dec. 7
Lusitania	New York	Liverpool	Dec. 8
Adriatic	New York	S'hampton	Dec. 8
Kroonland	New York	Antwerp	Dec. 8
Rhein	New York	Bremen	Dec. 9
La Bretagne	New York	Havre	Dec. 9
Cretic	New York	Italy	Dec. 9
Desterro	New York	Brazil	Dec. 10

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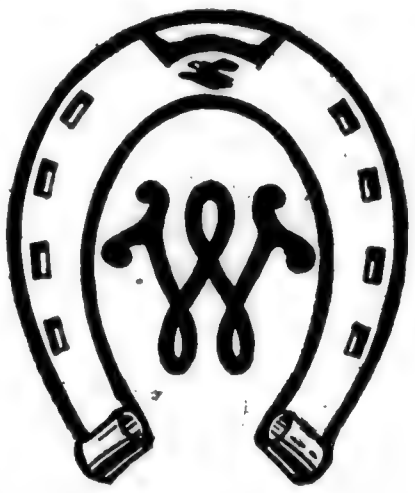
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Growers for the Wholesale Trade Only
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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

It is said some of the French and English crops of beet will be almost a total loss.

The planting of bulbs for 1910 crops in Holland is not yet finished, and is fully two weeks behind the usual stage, due to too much wet weather.

There seems to be a good deal of difference in the quality of holly this year; some is extremely poor in both foliage and berries, while other cases are above the average.

Word comes from the Wisconsin green district that the ground now is covered with deep snow and that the prospect is slight for the picking of any further large quantity of lycopodium. Another season of short supply seems certain.

The annual chrysanthemum show of the Livingston Seed Co., Columbus, O., in the store at 114 North High street, was a comprehensive affair and was even more attractive than in previous years. Though the mum was most conspicuous in the display, many other varieties of flowers also were included.

The American Breeders' Association will hold its sixth annual meeting at Omaha, December 8 to 10, as the guest of the National Corn Exposition. Among those who have places on the program are Prof. C. A. Zavitz, who read a paper before the Seed Trade Association at Niagara Falls last June; W. W. Tracy, J. Dwight Funk and Eugene D. Funk.

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Lily of the Valley

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Are the finest in existence and their flowers fetch the best prices in the London market.
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OTTO MANN, Leipzig, Saxony, Germany

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How many canners will themselves plant the peas they are offering for sale?

ONION is one of the most important items and one that is fairly easy in this year of general shortage.

B. F. BROWN, president of the Brown Bag Filling Machine Co., Fitchburg, Mass., is making a western trip.

AN English seedsman, trading in a small way, recently took his life by drinking an insecticide containing nicotine, camphor and alcohol.

THERE always is somebody to buy seeds of unknown origin, but the seedsman who has a reputation wants the stock he purchases also to have one.

THE way the canners are cleaning up the 1909 pack speaks for a good demand from this important branch of the trade next season; even tomatoes are now on a firm basis.

EDWIN LONSDALE passed through Chicago Sunday, November 21, on his way to take charge of the new Burpee seed farm at Lompoc, Cal. He was accompanied by Mrs. Lonsdale.

THE situation in sugar corn is not giving any concern, but a little more certainty as to the supply of some of the vine seeds would be a help to both wholesalers and retailers.

DOBBIE & Co., the largest mail order seed house in Scotland, are now busily engaged in transferring their stocks and plant from Rothesay to Edinburgh, as they now intend to make the Scottish capital their headquarters.

REPORTS from Holland indicate an advance in the prices of spiræas, especially of the newer types, on account of the crop turning out below the average. Gladioli, on account of the wet season, have done badly and first-size bulbs are exceedingly scarce, and the same reports are current regarding liliums. Crops of all three articles mentioned are below the average. Two or three Dutch bulb growers are visiting London weekly on the lookout for late orders to clear a few surplus stocks of hyacinths and tulips still on hand, but the bulb trade in England is not overbrisk, as late planting seems to be the rule.

IN an interview published in the REVIEW some weeks ago, E. J. Deal, of W. W. Johnson & Co., Boston, England, called attention to the steady encroachment on the supply of stock seed that has been going on for a number of years and pointed out that this one factor assures a continued high price for seeds until there come several consecutive seasons of good yields, one good crop not being enough to restock the warehouses. Nothing in a long time has served to arouse so much discussion. Mr. Deal appears to have pointed out a truth that all recognize, once their attention is called to it, for confirmation is heard in several languages.

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

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Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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Cauliflower Seed



Wiboltt's Earliest Snowball, No. 34, at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Wiboltt's Extra Early Dwarf Erfurt, at $8.00 per lb.; 5 lbs. at $7.00 per lb.

Wiboltt's Danish Giant, "Dry Weather," at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Larger lots prices separately. We ask new customers to send cash with order.

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Azaleas, Rhododendrons, Clematis,
Roses, pot-grown plants for forcing.
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Shrubs, Palms, Bulbs, Etc.

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ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the world.

SANDER, St. Albans, England

and 235 Broadway, Room 1, New York City

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CUCUMBER is again one of the items that promise to prove interesting along toward spring.

AS is always the case, the general shortage of seeds is bringing offers of stock from all sorts of unheard-of places and unknown men. The average seedsman does not dare touch this stuff, no matter how glad he would be to get hold of reputable stock of the varieties

COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

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Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

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Finest grades of Berlin and Hamburg for import.

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Cabbage, white and red
Radish, oval, rose-red, white tipped
The Best for Xmas Forcing

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70 Roskildevej, Copenhagen, Denmark

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HJALMAR HARTMANN & CO.
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Wanted Buyers

for a large stock of large-flowering CLEMATIS, pot-grown, at special prices. Please ask for particulars.

Guldemond Bros.
Boskoop, :: Holland

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offered, but the fact remains that more or less of these uninspected crops find their way into the warehouses of firms that have a standing, and they all come into eventual competition with the supply from known sources. The temptation to take up these offers is strong, but the shorter the supply the more careful the buyer should be to ascertain just what he is getting.

THE beans are not turning out any better than previous reports seemed to indicate.

ERNEST F. CROSSLAND, of the Steele-Briggs Seed Co., Toronto, has recently been at Duluth, where he has a brother.

PERHAPS this country may learn to depend upon itself for radish. There are those who have much confidence in Michigan stock.

GEORGE C. BROWN, of the Alfred J. Brown Seed Co., Grand Rapids, Mich., has been at Petoskey and other northern Michigan points.

VALLEY PIPS.

The boat from Hamburg that reached New York November 13 had the following consignments of lily of the valley pips:

Consignee.	Cases.
Hempstead, O. G., & Son	20
Lunham & Moore	100
Maltus & Ware	134
Pennsylvania R. R. Co.	13
Weeber & Don	30
To Order	330
Total	627

IMPORTS.

The imports of seeds through the port of New York for the week ending November 13 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Canary	1,685	$3,433	Grass	220	$1,392
Celery	30	461	Millet	592	1,706
Clover	33	580	Mustard	250	2,733
Cummin	110	1,546	Poppy	403	2,201
Fennel	3	79	Rape	62	286
Fenugreek	612	2,418	Other	...	2,944

In the same period the imports of bulbs, trees and plants were valued at $41,606; peas, $7,470; and beans, $8,091.

COMMERCE IN SEEDS.

According to the statisticians of the United States Treasury, the value of seeds imported and exported in the month of September, 1909, compared with the same month in 1908, was as follows:

Imports.	
September, 1908	$314,314
September, 1909	547,554
Exports.	
September, 1908	177,411
September, 1909	228,453

CATALOGUES RECEIVED.

Charles H. Totty, Madison, N. J., preliminary list of chrysanthemum novelties; Scott Bros., Elmsford, N. Y., chrysanthemum novelties; John Lewis Childs, Floral Park, N. Y., gladioli and other bulbs and plants; Sluis & Groot, Enkhuizen, Holland, vegetable, flower and field seeds; M. Herb, Naples, Italy, seeds, bulbs, plants, trees, ornamental grasses, etc.; Joseph Bancroft & Son, Cedar Falls, Ia., Christmas specialties; W. W. Johnson & Son, Boston, England, novelties and specialties in flower and vegetable seeds; M. Leenders & Co., Steil-Tegelen, Holland, roses; George Jackman, Woking, Surrey, England, plants, trees and general nursery stock; S. Wilks Manufacturing Co., Chicago, Ill., water heaters and tanks; Watkins & Simpson, Covent Garden, London, Eng-

GLADIOLI

Society of American Florists
AND
Ornamental Horticulturists.

This is to Certify that
E. E. Stewart
is entitled to
HONORABLE MENTION
for Gladioli Fairy Queen, Lucille, Golden Queen, President Taft
Exhibited at Cincinnati, Ohio, August, 1909

J. H. Valentine, President. Niles N. Rudd, Secretary.

GOLDEN QUEEN. Rich cream color, clear cut maroon blotch, early, $4.00 per 100; $30.00 per 1000.

PRES. TAFT. Large, well opened flower of good pink shade with darker stain on lower petals, immense in bulb, spike and flower, $3.00 per 100; $25.00 per 1000.

These varieties are good for cut flowers, are offered to the trade for the first time, and should be catalogued by all up-to-date houses.

AMERICA. 1½ to 2-inch, $30.00 per 1000. 2-inch and up, $35.00 per 1000.

I am headquarters for planting stock of **MME. MONNERET,** and can supply in large lots.

Contracts for crop of 1910 solicited. Send for list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. First size bulbs, 1¾ inches and up. **$2.00** per 100; **$18.00** per 1000.
Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

May. Pure white, flaked rosey crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs, 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000
Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladiolus in cultivation. **$1.00** per 100; **$9.00** per 1000.

Gladiolus, Colvillei and Nanus (type).

Plant some of these among your carnations; they will come in handy at any time.

Peach Blossom. The most beautiful of all the Colvillei type of Gladiolus; the color is a lovely soft pink, on the order of the Killarney rose. **$0.90** per 100; **$8.75** per 1000.

Blushing Bride. Flowers are large, pure white, with delicate pink spot. Useful for early forcing. **$0.75** per 100; **$6.00** per 1000.

The Bride (Colvillei alba). This lovely white miniature Gladiolus makes a useful cut flower for early Spring use; will stand forcing. **$0.65** per 100; **$5.00** per 1000.

Ackermanii. Salmon-orange, with white blotches, edged scarlet; very pretty. **$0.75** per 100; **$6.50** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman
342 W. 14th St. NEW YORK CITY

Mention The Review when you write.

Camellias, Palms, Box and Bay Trees for spring or fall delivery. Imported to order; for prices, address
AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

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Surplus Bulbs, Lily of the Valley, Etc.

Lily of the Valley

Our finest **Perfection** grade. New importation now ready. Case of 2500 pips for $32.50; less quantities, $14.00 per 1000.

Pot-grown Lilacs

Marie Legraye, Mme. Lemoine and Chas. X, $9.00 per doz.; $65.00 per 100.

Narcissus

Bicolor Victoria—The finest of all the bicolor varieties. We offer a grand lot of mother or double nosed bulbs. These bulbs are exceptionally fine, as indicated by the number in a case. Full case lots, 1250 bulbs, for $25.00; less quantities, $2.50 per 100.
Paper White Grandiflora, selected bulbs, 14 cm. and up, 1000 to the case, $11.00; less quantities, $1.50 per 100.
Barri Conspicuus, 75c per 100.
Emperor, double nosed bulbs, $2.00 per 100, $17.50 per 1000; first size, $1.50 per 100.
Jonquils, Giant Campernelle, Rugulosus, 75c per 100.
Poeticus, 75c per 100; $5.00 per 1000.
Chinese Sacred Lilies, bundle of 120 bulbs for $4.20.
GLADIOLUS America. The peer of all Gladioli. Forces easily and is the most profitable variety for that purpose. Flowers are an exquisite, soft lavender pink, about the same color as a cattleya. $4.00 per 100; $35.00 per 1000.

Tulips

Artus	$1.25 per 100	Imperator Rubrorum	$2.20 per 100
Cardinal's Hat	.85 "	Le Candeur	1.25 "
Chrysolora	.75 "	Lady Grandison	1.00 "
Mon Tresor	1.40 "	Le Blason	1.25 "
Yellow Prince	.85 "	Rex Rubrorum	1.50 "
Bizards, mixed	.75 "	Rose Blanche	1.00 "
Golden Crown	.75 "	Yellow Rose	.75 "
Gloria Solis	1.20 "		

FREESIA Refracta Alba. French-grown bulbs of mammoth size, $1.00 per 100; $8.00 per 1000.
HYACINTHS, Fine Named. $4.00 per 100; $35.00 per 1000. **Miniature,** or **Dutch Romans,** finest named sorts, $2.00 per 100; $18.00 per 1000.
IRIS, Spanish, mixed colors, $2.50 per 100.
SPIRAEA Japonica, $5.00 per 100; **Queen Alexandra,** $3.00 per doz; $20.00 per 100.
ALLIUM Neapolitanum, 65c per 100; $4.50 per 1000.
RANUNCULUS, Double, French, Persian and Turban, 40c per 100.
SCILLA Campanulata Caerulea, 60c per 100.
SPARAXIS, Mixed, 30c per 100.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

land, special offer of flower seeds, also separate list of novelties; St. Przedpelski, Plock, Polonia, Russia, tree and shrub seeds.

DAYTON, OHIO.

The Market.

Business previous to the last two weeks had been quite satisfactory, but since that time it has been a little quiet. This seems to be the complaint in general, in and around Dayton. While the florist is glad to see the chrysanthemums come in, he is equally glad when they are all over with, as while mums are in season the demand seems to run to them, making it apparently necessary to dispose of roses and carnations at a sacrifice. But at the same time, the mums come at a time when the florists' business is beginning to pick up, and when the new crops of carnations and roses are not sufficiently large to fill the demand, but in the last few weeks all seasonable varieties of flowers have been plentiful, and stock has been first-class.

The prolonged Indian summer, which we have had the privilege of enjoying this year, has brought crops on remark-

A Chance of Your Lifetime—Never to Return

Speak quick and have the benefit of the new tariff, while stock is on hand.
Prices are strictly net cash and not less than 1000 in a lot.

HYACINTHS

In separate colors.....$12.00 per 1000 Extra, to name, fine stock.....$22.00 per 1000

TULIPS

Single or double, in separate colors, $4.00 per 1000.

	Per 1000		Per 1000
Artus	$ 6.00	Rose Blanche	$4.00
Belle Alliance	10.00	Yellow Prince	5.00
Cardinal's Hat	5.00	La Candeur	8.00
Duchess de Parma	5.00	Rex Rubrorum	8.00

CROCUS

Striped, white and purple, $1.50 per 100.

A full line of **Boxwood**—all sizes, Deutzia Lemoinei, Lilacs and specimen Evergreens are now ready to be sent out.

F. W. O. SCHMITZ, - Prince Bay, N. Y.

Mention The Review when you write.

Winter Flowering Sweet Peas

We carry **in stock,** all the **leading and up-to-date varieties,** and have **many testimonials** as to **quality** and **trueness of type. For prices** and **varieties** see our **advertisements** in **previous numbers** of the Review or **write** for our **Fall Bulb Catalogue,** which contains a full and descriptive list of varieties **worth growing.**

ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

Importers and Growers of High-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, Telephone 4285 Gramercy **NEW YORK CITY**

Mention The Review when you write.

LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

Mention The Review when you write.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

Mention The Review when you write.

ably well, and has made a great difference in the appearance of stock. There are a great many outdoor chrysanthemums in bloom, owing to the warm weather, and this, of course, is a detriment to business. Things, however, are brightening up somewhat for Thanksgiving, although in this city Thanksgiving, in the way of business, does not mean much to the florists, and their complaint is that the customers spend all their surplus cash on their Thanksgiving dinner and don't allow much more than 50 cents for a table bouquet. There are some fine callas on the market now, but giganteums are a little scarce.

Various Notes.

The Miami Floral Co. will, in a week or two, break ground for the erection of five new houses, 240 feet long, and a new cement boiler-room. They are cutting some fine callas, roses and carnations. C. J. Briggs, of Sidney, O., was a visitor to their plant November 16.

Chas. E. Pease, president of the Miami Floral Co., was called to Demopolis, Ala., last week, on account of one of his cotton mills burning down.

George M. Garland and wife, of Des Plaines, Ill., were the guests of Mr. and Mrs. Geo. W. Bartholomew on November 12.

S. Hodges and Miss Louella Hodges, of Cincinnati, O., were the guests of Miss Ruby Bartholomew on November 21.

The Dayton Floral Co. has experienced a streak of hard luck with its geranium cuttings this season, having lost about 10,000 cuttings in the sand. There seems to have been a little egg in the cutting, which hatched into a little worm, and this creature ate into the cutting and killed it. If any of our readers know anything about this little creature, regarding its origin, its nature or any way to dispose of it, the Dayton Floral Co. would be glad to hear from them.

W. G. Matthews has recently imported a boxwood tree from Holland, which is trimmed in a shape to represent a fountain. It has been on exhibition in front of his store and has attracted a great deal of attention.

Ray and Herbert Bartholomew, Roy Ewings and Roy Tice, employees of the Miami Floral Co., spent a few days of last week on a hunting trip. They were well repaid for the time spent. Rabbit and quail were enjoyed by their friends, who hope they will take a similar trip in the near future.

H. H. Ritter says he has several large dinner decorations for Thanksgiving, but all call for chrysanthemums. They are picking some fine violets now, for which they find ready sale. R. A. B.

LILIUM MULTIFLORUM

Just received for Easter forcing, **Lilium Multiflorum**, 7/9, 300 case, at $45.00 per 1000.

SURPLUS

	Per 1000
Tulips, single, extra fine, mixed	$ 5.50
Tulips, double, extra fine, mixed	6.00
Paper Whites Grand., fancy, 14 cm	10.00
Paper Whites Grand., 13 cm	8.00

Currie Bros. Co., Seedsmen and Florists, **Milwaukee, Wis.**

Mention The Review when you write.

NEW CROP

LILIES OF THE VALLEY—Chicago Market Brand

Finest Valley for Christmas forcing. $15.00 per 1000; $1.75 per 100.

BERLIN PIPS—Early Forcing Variety

$13.00 per 1000; $1.50 per 100.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, 3040 Madison St., **CHICAGO**

Mention The Review when you write.

NEW CROP SEED

Asparagus Plumosus Nanus

True Eastern Greenhouse Strain

An unusually fine crop enables us to offer our exclusive quality at the remarkably low figure of $3.50 per 1000, or $30.00 per 10,000 seeds.

No order accepted for less than 1000 seeds.

W. W. RAWSON & CO., Seedsmen

5 UNION ST., BOSTON, MASS.

RELIABLE SEEDS

Giant-flowered Cyclamen, carmine, pink, white, each color separate, per 1000, $6.00; tr. pkt., $1.00

Myosotis Winter Queen, fine for cut.....oz., 3.00 " .50

Stocks Beauty of Nice, true carmine, daybreak, lilac, white, each color, oz., 4.00 " .50

For other varieties see my catalogue.

O. V. ZANGEN, Seedsman, Hoboken, N. J.

Mention The Review when you write.

NEW CROP
BRILLIANT STRAIN

Mammoth Verbena

Unexcelled in size, distinctive markings and wide range of rich colors.

Pink, Purple, Scarlet, Striped and White, large trade pkt., 30c; per oz., $1.25.

Brilliant Mixed, large trade pkt., 25c; per oz., $1.00.

Write for prices of Auratum, Rubrum, Melpomene and Magnificum Lilies.

Dutch and French Bulbs are in demand, but we still have some choice stocks. Write for Surplus List.

JOHNSON SEED CO., 217 Market Street, Philadelphia, Pa.

Mention The Review when you write.

Bloomsburg, Pa.—J. L. Dillon has installed two new boilers, each with a capacity of 120 horse-power, and has made a number of other improvements in his large range of greenhouses.

Lenox, Mass.—Mrs. Robert Winthrop has recently awarded contracts for the building of a new greenhouse 11x100 feet. Some additions will also be made to the present greenhouses.

XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double, 500 seeds, $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, striped and Auricula-eyed, 1000 seeds, 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

Mention The Review when you write.

Surplus Bulbs

To Close Out. Best Stocks.

	Per 1000
Belle Alliance	$16 00
Couleur Cardinal	16.00
Crimson King	10.00
La Reine	6.00
Rose Grisdelin	8 00
Montresor	11.00
Yellow Prince	6.00
Duc de Berlin	12 00
Couronne d'Or	17.00
Imperator Rubrorum	17.00
Murillo	13.00
Salvatora Rosa	14.00
Tournesol, R. and Y.	11 00
UNNAMED HYACINTHS	18.00
Miniature "	12.00
Roman " 12x15	18.00
VON SION NARCISSUS, 1st size	9.00
" " double crown	14.00
COLD STORAGE LILY VALLEY, 250, $3.50	13.00

W. C. BECKERT, Seedsman

Northside, PITTSBURG, PA.

Mention The Review when you write.

Surplus Bulbs

HYACINTHS	Per 100
Double Named	$4.50
Double Unnamed	2.35
Single Unnamed	2.35
DOUBLE TULIPS	
Imperator Rubrorum	2.25
Rex Rubrorum	1.65
Superfine Mixed, early	.75
SINGLE NARCISSUS	
Princeps Maximus	2.25
Golden Spur	1.75
Poeticus Burbidgii	.50
DOUBLE NARCISSUS	
Albo Pleno Odorato	.50
Von Sion, true Daffodil	1.00
Von Sion, double nose	1.80
Mixed	.80
Polyanthus Narcissus Mixed	.85

To secure these prices, must mention this paper.

JAMES VICK'S SONS, Rochester, N. Y.

Mention The Review when you write.

Yuess Gardens Co.

SEEDS : BULBS : PLANTS

Newburgh, N. Y.

Dutch Bulbs, French Bulbs, Freesia, Easter Lilies, in Stock Now.

H. H. BERGER & CO., 70 Warren St., New York

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

SPECIAL CLEARING

Bulb Sale

BY

Stumpp & Walter Co.

Special Bedding and Forcing HYACINTHS

In Twelve Named Varieties

SINGLE PINK, RED AND ROSE	SINGLE LIGHT AND DARK BLUE	SINGLE PURE AND CREAMY WHITE
Robert Steiger	Regulus	Grandeur a Merveille
Gertrude	Blondin	Baron von Thuyll
Gigantea	Grand Maitre	La Grandesse
Queen Victoria	King of the Blues	L'Innocence
Alexandra		

$5.00 per 100, $40.00 per 1000

TULIPS

Single Early

	100	1000
Artus. Scarlet	$1.30	$11.75
Belle Alliance. Crimson	2.50	22.00
Cardinal's Hat. Dark brownish red	.90	8.00
Cottage Maid. White, edged rose	1.00	9.50
Couleur Cardinal. Beautiful crimson	2.25	20.00
Duchesse de Parma. Red, yellow border	1.15	10.50
Duc von Thol. Scarlet	1.60	14.50
Keizerskroon. Red and yellow; first size	1.60	14.00
Keizerskroon. Red and yellow, Jumbo size	2.00	18.00
La Reine. White, rose shaded	1.00	8.50
L'Immaculee. Pure white	.85	7.00
Pottebakker. Scarlet	2.00	18.00
Pottebakker. White	1.50	12.00
Pottebakker. Yellow	1.20	11.00
Rosamundi Huickman. Bright rose, white ground	.90	8.00
White Swan	1.35	12.00
Yellow Prince	1.00	8.00

Late Varieties

Gesneriana Spathulata Major. Brilliant scarlet, blue center.	$1.25	$10.00
Golden Crown. Yellow, bright red, bordered and feathered.	.75	6.00

Double Early Tulips

	100	1000
Blanche Hative. Fine double white early	$1.60	$15.00
Couronne d'Or. Yellow	2.25	20.00
Gloria Solis. Brown and yellow	1.50	13.00
Imperator Rubrorum. Scarlet.	2.75	25.00
Murillo. Delicate light rose	2.25	18.00
Rose Blanche (extra large white)	1.10	9.00
Tournesol. Red and yellow	1.70	16.00

Miniature Hyacinths

Fine for culture in pans for Easter. Size 13 to 15 centimeters in ten named varieties while they last. $2.00 per 100, $18.00 per 1000.

NARCISSUS

Single Varieties

	100	1000
Irish King	$1.75	$15.00
Bi-Color Empress. Pure white perianth, yellow trumpet, mother bulbs (1300 to case).	1.75	15.00
Emperor. Yellowish perianth, with yellow trumpet, mother bulbs (1000 to case)	2.00	18.00
Bi-Color Victoria. Pure white perianth, with yellow trumpet	2.50	20.00
Golden Spur. Deep yellow, extra large mother bulbs (1000 to case)	2.25	20.00
Golden Spur. First size select	1.25	12.00
Stella. White, with orange yellow cup	.75	6.00
Trumpet Major. Deep yellow trumpet and perianth	1.00	6.00
Trumpet Major. French grown	1.50	12.00
Poeticus. Pure white flowers, orange cup edged crimson	.50	4.00
Poeticus ornatus. Similar to Poeticus; very fine for forcing	.50	4.50

Double Varieties

	100	1000
Orange Phœnix. White and orange	$1.00	$ 9.00
Sulphur Phœnix. Sulphur white	1.50	14.00
Von Sion. Large double nose; bulbs extra selected for florist forcing (1700 to case)	2.00	18.00
Von Sion. Selected first size	1.25	10.00

FREESIA

	1000	5000
Refracta alba. Mammoth	$8.00	$35.00

Stumpp & Walter Co.

50 Barclay St.

NEW YORK

OUR SPECIALTY

Next fall will be

Lycoris Squamigera (Amaryllis Halli).
Home-grown Liliums.
All varieties of German and Japan Iris.

Write for prices.

JOHN LEWIS CHILDS, Floral Park, N. Y.

Lilium giganteum

7/9, fine bulbs, ready for delivery from cold storage as desired, $8.50 per 100; $80.00, 1000.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

Vegetable Forcing.

RHUBARB AND ASPARAGUS.

Will someone kindly tell us how to force rhubarb and asparagus, and what kinds to use? J. W. R.

Both rhubarb and asparagus force in about the same manner and in the same temperature.

Palmetto is undoubtedly the most popular and satisfactory variety of asparagus. As to rhubarb, there is some difference of opinion. Burbank's Linnæus or Giant Victoria will be found satisfactory.

Strong, healthy clumps, not less than three years old, should be secured. The stronger and healthier they are in the field, the better they will force. They require little light and one bed can be grown above another, in the same way as mushrooms.

The beds should be about a foot deep and the clumps packed in close together, filling in between them with soil, having about two inches in the bottom before starting and putting more on top to entirely cover the crowns after placing them. Soak well and add more soil, where it settles enough to require it, to smooth up the beds. A temperature of 50 degrees is high enough to start with, but may be raised to 60 and 70 degrees after growth is started. Considerable water is required to keep the soil always moist.

A batch of plants does not yield very long and is worthless when taken out. More plants may be dug and stored in a cold shed, to be had any time when needed to replant the beds all winter. It is best not to dig them until cold weather and leave some soil on the roots.

H. G.

WHITE FLY ON CUCUMBERS.

My house of cucumbers and tomatoes, just bearing fruit, is infested with a little white fly and the young ones can be seen on the cucumber leaves. I have fumigated with punk and sprayed the leaves with Fir Tree oil, but without result. There are hundreds of them. What would you advise me to do to clean them out? J. R. P.

The insect is no other than the common white fly. This insect is now a pest in greehouses all over the country and can be found on weeds, etc., outside in summer. Fumigating with the tobacco product will not affect them in the least and spraying will be found entirely unsatisfactory. There is only one way to get rid of them positively, and that is to fumigate with hydrocyanic acid gas. Although they are easily killed by this method, no other has been found to be at all effective. The complete directions for using this gas have been published frequently in the Review, but many growers, especially beginners, have not had occasion to use it, and are, consequently, not informed on the subject.

You will need some half-gallon stone jars, four or five of them for each 100 feet of house. You will also need sulphuric acid and some cyanide of potash, ninety-eight per cent pure. A house about twenty-five feet wide, with gutters seven feet high, will require four jars per 100 feet of length. In each jar is placed a pint of water and a little less than a pint of acid. These are fixed up a half hour before fumigating. Then all that is necessary to do is to drop in a package containing one and one-half to two ounces of the cyanide, for light or heavy fumigating. The packages should be wrapped in double papers or little sacks, and the whole package dropped in without unwrapping it. Start at the far end of the house and drop one carefully, walking quickly to the next jar, and so on. When you get to the end of the house, get out quickly and lock the house to keep everyone out until morning.

The acid will soon eat through the papers and decompose the cyanide, making a poisonous gas. The cyanide itself is the deadliest of poisons and must be handled with the greatest care. The foliage must be dry when using it. Do not use it when the house is wet, or it will injure the plants. H. G.

Hartford, Conn.—The greenhouses of J. Albert Brodrib, on Windsor avenue, were recently damaged by fire.

No Grower of Vegetables under glass can afford to do without the Wittbold system of

Watering

—because with it a boy can do as much as two men can do in a whole day with the hose—and do it better.

The system is equally valuable outdoors, and for many other crops besides vegetables—wherever you need water.

Send for our booklet—with testimonials—read and you'll send in your order.

E. H. HUNT

Exclusive Sales Agent

76-78 Wabash Ave., CHICAGO

Mention The Review when you write.

Vegetable Seeds

FOR FORCING

STOKES' STANDARDS are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ⅛ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb., 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 35c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb., 35c; lb., $1.25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Thorburn's Seeds

Finest strain of Long Island grown

Early Jersey Wakefield Cabbage

and other high grade seeds for Market Gardeners and Florists. Send for prices.

J. M. THORBURN & CO.

33 Barclay Street, through to 34 Park Place, NEW YORK.

Mention The Review when you write.



Rosy Gem Radish

(also called "Rapid Forcing"), is a great favorite in many markets. It's a very pretty sort and a "tasty" one besides. This makes it sell very readily and the other good qualities keep it in demand.

Our Superior Strain

of this variety is of highest vitality, produces typical roots of uniform beauty, which bring fancy prices everywhere. Plant our strain of Rosy Gem Radish for quick and profitable returns from your benches. **Oz., 5c; ¼ lb., 15c; lb., 50c, postpaid.**

Fireball or Non Plus Ultra, rich, solid scarlet. Oz., 5c; ¼ lb., 15c; lb., 45c. Postpaid.

You could not buy any **better** seed at **any** cost and you would not get as good results from many higher priced stocks on the market. Watch this space for further "True Blue" news. For prompt attention address orders to

Desk R,

The Livingston Seed Co.

Columbus, Ohio

Mention The Review when you write.

With the Skinner System of Irrigation ONE MAN can do the work of FORTY MEN watering with a hose.

The Skinner Irrigation Co.

TROY, O.

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

Edward Reid, WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa.
CHRYSANTHEMUMS
HUDSON RIVER VIOLETS
Orchids, Beauties, Valley
And All Seasonable Cut Flowers
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 24.

	Per doz.
Beauty, Specials	$3.50 to $4.00
" Extra	2.50 to 3.00
" Medium	2.00
" Short	1.00 to 1.50
	Per 100
Killarney, My Maryland, Select	$ 6.00 to $10.00
" " Ordinary	3.00 to 5.00
Bride, Maid—	
Select	5.00 to 8.00
Ordinary	3.00 to 4.00
Richmond, Jardine, Fancy	6.00 to 10.00
" " Ordinary	3.00 to 5.00
Carnations, Fancy	4.00
" Select	2.50 to 3.00
" Ordinary	2.00
Harrisii Lilies.....per doz., $1.50	
Adiantum	.75 to 1.00
Asparagus Plumosus, strings	50.00
" " sprays 35c-50c	
" Sprengeri " 35c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Cattleyas.....doz. $9.00	
D. Formosum.....each, 40c to 50c	
Cypripedium.....each, 15c	
Gardenias, Fancy, doz $4.00	
" Shorts " $2.00 to $3.00	
Dagger Ferns, per 1000, 1.50	
Violets, Double	1.00
Violets, Single....Fancy	.50 to .75
" Ordinary	.30 to .40
Mums, Fancy....doz., $2 50 to $3.00	
" Select...doz., 1.50 to 2.00	
" Ordinary, doz., .75 to 1.00	
Pompons....per bunch, 20c to 25c	
Sweet Peas	.50 to .75
Bouvardia	2.00 to 3.00
Yellow Daisies	1.00 to 1.50
White "	1.00 to 1.50
Mignonette	3.00 to 4.00
Pansies	.75

St. Louis, Nov. 24.

	Per doz.
Beauty, Specials	$3.00 to $5.00
" Extra	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Bride and Maid, Specials	$ 4.00 to $ 8.00
" " No. 1	2.00 to 5.00
Richmond	4.00 to 10.00
Carnot	4.00 to 8.00
Ivory	4.00 to 10.00
Killarney	4.00 to 10.00
Carnations, Fancy	4.00 to 5.00
" Common	2.00 to 3.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets, Single	.75 to 1.00
" Double	1.50 to 2.00
Chrysanthemums, doz., $2.00-$3.00	

FUNGUS ON PALMS.

We enclose herewith a sample of a phœnix palm which has an insect on it with which we are not acquainted. Can you tell us how to destroy the pest?

S. S. C.

The specimen referred to in this query is affected with a fungoid disease that is not uncommon on various species of this palm. The fungus in question grows from spores that develop within the tissue of the leaf in much the same manner as those of the carnation rust. The fungus in time grows through the surface of the phœnix leaf and ultimately discharges another crop of spores, to do further damage.

This phœnix fungus is not specially dangerous to the plant grower, though it is unsightly. The trouble is usually aggravated by too low a temperature and too much moisture during the winter season.

W. H. TAPLIN.

EVERETT, MASS.—Osgood Bros., whose greenhouses are located here, have opened a new store at 412-414 Broadway, Chelsea. This is but a few doors from Bellingham square and will be found quite convenient for residents of Revere and Beachmont.

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" Extra	10.00 to 15.00
" No. 1	8.00 to 6.00
" No. 2	2.00 to 4.00
Bride and Maid, Specials	4.00 to 6.00
" " Extra	3.00 to 4.00
" " No. 1	2.00 to 3.00
" " No. 2	1 00 to 2.00
Richmond	1.00 to 8.00
Chatenay	1 00 to 8.00
Killarney	1.00 to 8.00
My Maryland	1.00 to 8 00
Orchids	50.00 to 75.00
Carnations, Common	1.00 to 2.00
" Select and Fancy	2.00 to 4 00
Chrysanthemums	5.00 to 25.00
Adiantum Cuneatum	.25 to .50
" Croweanum	.50 to 1.00
Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
Smilax	6.00 to 10.00
Lilies	6.00 to 8.00
Lily of the Valley	2.00 to 4.00
Gardenias	10.00 to 35.00
Violets	.35 to .75
Callas	6.00 to 8.00
Cypripediums	8.00 to 12.00
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" Short Stems	4.00 to 8.00
Bride and Maid, Select	3.00 to 4.00
" " Seconds	1.00 to 2.00
Chatenay	1.00 to 6.00
Killarney	1.00 to 8.00
Liberty, Richmond	1.00 to 6.00
Carnot, Kaiserin	1.00 to 6.00
My Maryland	1.00 to 6.00
Carnations, Special	4.00 to 5.00
" Select	3.00
" Ordinary	2.00 to 2.50
Cattleyas	40.00 to 50.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.35 to .50
Lilium longiflorum	10.00 to 12.50
Cosmos	1.00
Violets	.60 to 1.00
Chrysanthemums	4.00 to 25.00
Gardenias	15.00 to 20.00
Cypripediums	8.00 to 10.00
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Kaiserin	8.00 to 12.00
Maid	8.00 to 8.00
Bride	8.00 to 8.00
Carnations	2.00 to 4.00
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Special large, doz.	3.00
Fancy, doz.	2.00 to 2.50
Medium, doz.	1.50
Small, per 100,	6.00 to 10.00
Violets, single.	.75 to 1.00
Sweet Peas	1.00
Lilies, doz., $2.00	
Valley	4.00
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" 30-in. "	4.00
" 24-in. "	3.00
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	1.00
	Per 100
Bridesmaid, Special	$ 6.00 to $ 8.00
" Firsts	4.00 to 5.00
" Short	3.00
Bride, Special	6.00 to 8.00
" Firsts	4.00 to 5.00
" Short	3.00
Kaiserin, Special	8.00 to 10.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Richmond, Specials	8.00 to 12.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4 00
Golden Gate, Specials	6.00
" " Firsts	4.00 to 5.00
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Killarney, Specials	10.00 to 12.00
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" " Firsts	6.00 to 8.00
" " Seconds	4.00
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" Firsts	6.00 to 8.00
" Seconds	4.00
Mrs. Jardine, Specials	8.00 to 10.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Cardinal	8.00 to 20.00
Rhea Reid	3.00 to 10.00
Uncle John	3.00 to 6.00
Perle	3.00 to 7.00
Carnot	4.00 to 8.00
Carnations, Select	2.00 to 3.00
" Fancy	4.00 to 5.00
Violets	.75 to 1 25
Sweet Peas	.75 to 1.50
Bouvardia	4.00 to 6.00
Servia	2.00
Paper Whites	3.00
Mums .doz., 50c-$3.00	
Cattleyas, per doz. $7.50	
Easter Lilies, per doz. $1.50-2.00	
Valley	3.00 to 4.00
Asparagus, strings	50.00 to 75.00
" sprays...bunch, 35c-75c	
" Sprengeri " 25c-35c	
Ferns...per 1000, $1.50	.15
Galax " 1.00	.15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
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" Shorts	4.00 to 6.00
Bride and Maid, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Killarney	2.00 to 6.00
Richmond	2.00 to 6.00
My Maryland	4.00 to 10.00
Kaiserin Victoria	2.00 to 6.00
Rhea Reid	4.00 to 8.00
Carnations	1.00 to 2.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Adiantum	.75 to 1.00
Mums per doz., $2.00 to $3.00	

Buffalo, Nov. 24.

	Per 100
Beauty, Specials	$35.00 to $40.00
" Fancy	20.00 to 25.00
" Extra	15.00 to 20.00
" Shorts	5.00 to 8.00
Bride, Killarney and Maid, Special	10.00
" " " No. 1	6.00 to 8.00
" " " No. 2	4.00 to 6.00
" " " Shorts	3.00 to 4.00
Richmond	4.00 to 12.00
White Killarney	4.00 to 10.00
Chatenay	4.00 to 8.00
Maryland	5.00 to 10.00
Carnations	2.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Longiflorum	10.00 to 15.00
Ferns per 1000, $1.50	
Galax " 1.50	
Japan Lilies	3.00 to 4.00
Chrysanthemums	6.00 to 20.00
Violets	.75 to 1.50
Paper Whites	3.00 to 4.00
Stevia	1.00 to 1.25
Daisies	1.00 to 1.25

Milwaukee, Nov. 24.

	Per 100
Beauty, Long	$25.00
" Medium	$15.00 to 20.00
" Short	8.00 to 12.00
Bride and Bridesmaid	4.00 to 8.00
Chatenay	4.00 to 6.00
Richmond	4.00 to 8.00
Killarney	4.00 to 6.00
Perle	4.00 to 6.00
Stevia	1.50
Carnations, Fancy	5.00
" Good	3.00 to 4.00
Valley	3.00
Asparagus Plumosus, strings	50.00
" " sprays	3.00
" Sprengeri "	3.00
Adiantum	1.00
Lilies per doz., $1.50	
Ferns per 1000, 2.00	
Mums per doz., $2.00 to 3.00	
Violets	1.00

Pittsburg, Nov. 24.

	Per doz.
Beauty, Specials	$5.00 to $6.00
" Fancy	3.00 to 4.00
" Medium	1.50 to 2.00
" Short	.75 to 1.00
	Per 100
Bride and Bridesmaid, Fancy	$8.00 to $10.00
" " Medium	4.00 to 6.00
" " Short	2.00 to 3.00
Richmond	4.00 to 10.00
Killarney	4.00 to 10.00
White Killarney	4.00 to 10.00
Kaiserin	2.00 to 8.00
My Maryland	4.00 to 10.00
Carnations	2.00 to 4.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	3.00 to 4.00
Lilies	12.50
Chrysanthemums	8.00 to 25.00
Cattleyas	60.00
Daisies	.50 to 1.00
Violets	1.00 to 1.50

I WOULD as soon miss my breakfast as to miss the REVIEW; I consider it as good as any two others combined.—T. G. YALE, Wellington, O.

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PITTSBURG CUT FLOWER CO., Ltd., 222 Oliver Ave., Pittsburg, Pa.

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The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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BOXWOOD

$12.50 PER 100 LBS.

The best boxwood obtainable. All clean, selected sprays. No heavy wood. In 50-lb. and 100-lb. cases, ready to ship anywhere.

GROUND PINE

For wreathing, roping, etc. Best selected Pennsylvania stock. $6.50 per 100 lbs.

Ferns, $1 per 1000

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HOLLY WREATHS

RED BERRIES, LAUREL

Pittsburg Florists' Exchange

15 Diamond Square, PITTSBURG, PA.

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COLORADO SPRINGS, COLO.

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Everything a Florist Uses

The Denver Wholesale Florists Co.

1433-35 California Street

DENVER, COLO.

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J. B. MURDOCH & CO.

714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

SEND FOR LIST.

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ROSES AND CARNATIONS

FANCY FERNS AND GALAX—High-grade Stock

ORDERS FILLED SATISFACTORILY

Detroit Cut Flower Supply House

Wholesale Commission Florist. H. V. Pearce, Prop.

6 Adams Ave. West, Detroit, Mich.

Home Phone 164. Bell, Main 974.

Mention The Review when you write.

Wire Work

We are manufacturing Wire Work for Florists and have satisfied customers everywhere. Are you one of them? If not, send at once for our **free** illustrated catalogue.

We are also commission dealers in Cut Flowers and Green Goods and jobbers in all kinds of Florists' Supplies. American Beauties our specialty.

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Wholesale Florists

181 E. 3rd St., CINCINNATI, OHIO

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C. E. CRITCHELL

Wholesale Commission Florist

Cut Flowers and Florists' Supplies

Consignments Solicited

WIRE GOODS OF ALL KINDS

Write for Price List

34-36 East Third Street, CINCINNATI, O.

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Welland & Olinger

128 E. Third St., CINCINNATI, OHIO

Wholesale Growers and Shippers of Cut Flowers

Greenhouses, NEW CASTLE, IND.

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The J. M. McCullough's Sons Co.

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CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.

Phone Main 584. 316 Walnut St., Cincinnati, O.

Mention The Review when you write.

The McCallum Co.

Wholesale CUT FLOWERS

and Florists' Supply House

Headquarters of Western Pennsylvania Growers

937 Liberty Ave., PITTSBURG, PA.

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A steady, weekly order wanted for

CARNATION BLOOMS

Direct from the grower at reasonable prices.

OTTO H. BOURDY, Lowell, Mass.

Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

PORTLAND, ORE.—W. H. Wood has sold the greenhouses on the Base Line road and East Sixty-first street to N. L. Crouch, of Salem.

PORTLAND, ORE.

The Market.

Business conditions for the last week have been exceptionally good, with only an occasional dull day. Prices of selected stock are slightly advanced. Carnations are more plentiful, but far from being a surplus. Chrysanthemums are in their prime and prices remain firm. Appleton, Jerome Jones and Ivory head the list. Pompons and miniature varieties also sell well, either as pot plants or cut flowers. The cold, rainy weather has at last cleaned out the outside stock, which will create a greater demand for flowers.

Roses are a scarcity, with a daily cleanup. Valley is to be had in limited quantities, but the demand is intermittent. Local violets are exceedingly scarce, but California grown violets have made their appearance, although much of the fragrance is lost in transit. Cattleyas are increasing in public favor, but can only be had in limited quantities. There is an unusual demand for ferns and house plants and the available supply of medium sizes is about exhausted.

The outlook for Thanksgiving day is promising, and advance orders are being booked rapidly. The usual football game at Multnomah field will create a demand for the yellow mums.

Various Notes.

Wallace Garside, late of the Tonseth Floral Co., is now with John Holden.

Frank Leupke, of Vancouver, was congratulating himself on the completion of his new houses, only to have his stock nipped on account of defective plumbing.

Max Smith was a victim of a bad check last week. After placing a large order for future delivery, a man presented a check, and the clerk, unsuspecting, cashed it, to his sorrow.

Sam Roake, the green goods man, is down the coast gathering lyrata foliage. It remains green the entire winter, on the western slope, and is unusually effective for decorations, when the wild smilax is not obtainable.

George Betz has sold his location at 349½ Morrison street to A. Souberou, who will continue the same as a retail store. E. R. C.

SAN FRANCISCO.

The Market.

There has been a decided change in the weather within the last week. We have had several nights of severe frost and, as a consequence, outside stock is scarce. Gaillardia, coreopsis, stocks and sweet peas have completely passed out of existence. Chrysanthemums to a slight extent show the effects of the cold weather. The prices have advanced slightly and, if we have a continuation of frost, we may expect still higher prices. The best Bonnaffons cost the retailers at the rate of about $5 per hundred, with the white sorts a shade cheaper.

Violets are not so plentiful as they were, and unless we have a change in weather, whereby rain will supersede frost, we can expect to have an advance on the present prices; 75 cents per dozen bunches has been the ruling price for the last month, but with the advent of cold weather, the growers have made the bunches slightly smaller, without changing the rates charged the retailers. Carnations show a tendency to become scarcer, although at the present there has been no difficulty in getting plenty of stock. Enchantress has been especially plentiful for the last few weeks and, although at the present time the growers are bringing in slightly less stock than before, there seems to be no danger but that there will continue to be ample cuttings of this popular sort. All the red varieties are slightly scarcer and we may look for an advance on these at any time.

The only really scarce article with the retailers at the present time is good roses. The growers at Burlingame are sending into town the only Beauties that we have, but these are only second quality at the best and practically no fancy stock has been exhibited in the shop windows for several months. The display of Bride and Maid is up to the average, and these, with a few bunches of Liberty and Cecil Brunner, practically compose our showing of roses at this time. The Alameda county growers are bringing into town some good yellow chrysanthemums and a few late whites; these are sold to the stores at from $1.50 to $2.50 per dozen.

Valley is fairly plentiful, but seems not to be generally of first quality. The growers, owing to the few days of cold weather, have overforced it, and long, weak stems and small flowers have been the result. Orchids are displayed in greater numbers than at any time this season. Cattleyas are the ruling flower and a majority of the stock comes from Santa Cruz, Cal. Maidenhair ferns and asparagus are rather scarce. California red berries have made their appearance in large quantities and are the most popular article with the street hucksters.

Business is quiet compared to that of a year ago, but the dealers are looking forward to a heavy Thanksgiving week. Funeral trade is fairly good, and quite a number of society functions have assisted in keeping the ball a-rolling.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Asparagus Plants

350,000 1-year.

Leading varieties. Write for prices.

Orders booked now for **Red Loganberry** and **Mammoth Blackberry Plants.**

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

Own Root

Field-grown

Roses

California Rose Co.,

Pomona, Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

DO YOU WANT STOCKY PLANTS?

WASHINGTONIA ROBUSTA

(Fan Palms), 2 to 3 ft., by the thousands.

Exotic Nurseries

Santa Barbara, Cal.

Mention The Review when you write.

Various Notes.

T. W. Breen, lately of Burlingame, is now gardener to A. W. Foster, of San Rafael.

E. W. McLellan & Co., of Burlingame, are cutting quantities of Bride and Maid at the present time. They have several houses of Beauties in prime shape for the holidays.

The Shibeley-Mann Co. has received a large shipment of galax leaves in splendid condition.

Miss L. Wallenberg, recently of the firm of Wallenberg & Henry, but at present a resident of New York city, is in town for a short visit.

W. B. Greene is visiting Los Angeles and vicinity. He will be out of town for several weeks.

W. H. Hutchings, of Fruitvale, will have a large houseful of poinsettias for the holidays.

Ferrari Bros. have several houses of Beauties, from which they expect heavy cuttings within the next few weeks.

G.

VIOLETS IN SAN FRANCISCO.

For many years the growing of violets has been entirely in the hands of the Italian market gardeners in the neighborhood of San Francisco. Several miles from there, in the neighborhood of Ocean View and Colma, are situated the largest violet beds in California. Originally these lands were devoted to truck farming, which is also entirely controlled by Italians in this neighborhood. Several

of these farmers a few years ago commenced the growing of violets in a small way, and a season's results showed that the rich sandy land and moist atmosphere were peculiarly adapted to the growth of these flowers. Immediately after San Francisco's big fire their culture was kept up only in a desultory fashion, but with the advent of the tremendous demand of the last two seasons, more growers have entered the field and more acres have been devoted to the growing of violets.

In a few isolated instances, the growing of violets has been tried in Alameda and portions of San Mateo counties, but, owing to the fact that both these localities are not strictly within the fog belt, only partially successful results have been obtained.

The Princess of Wales violet has been for the last ten years the only variety that has been grown here in quantity, and from present indications it appears to supply every want of the flower-loving public. It is only within a radius of five miles that it can apparently be grown with profit. It was formerly supposed that the violet could be grown reasonably well on almost any soil, but we have found out that in California at least, the atmospheric conditions have quite as much to do with the successful growing of this flower as has the ground in which it is planted. Long, cool nights, foggy mornings and sunshine in the afternoon are the ideal conditions, and these, together with deep, rich, sandy soil, fertilized for years for vegetable growing, have proven violets to be one of the best paying crops to which it is possible to devote the land.

As before stated, the Italian growers have absolute control of this industry, in the same way that the Chinese have monopolized the sweet peas, asters and chrysanthemums.

On the approach of the holidays, it is the custom for shippers, who buy and send the flowers to out-of-town points, to make an effort to control the holiday crop by offering a bonus on the ruling rates until after the holidays. This they can well afford to do for several weeks, as the interior florists, as well as those in Washington and Oregon, are perfectly willing to pay good prices for these flowers at such times. This works quite a hardship on the local dealers. Flower buyers are so accustomed to seeing large quantities of violets on all the street corners during the season, that they seriously object to the extra price which it is necessary to charge them, by virtue of the fact that for a few weeks out-of-town buyers will pay a handsome advance on San Francisco market rates. G.

GLADIOLI ON PACIFIC COAST.

We have read with interest the articles in the REVIEW'S San Francisco correspondence, and beg the privilege of making inquiries in regard to gladiolus culture on the Pacific coast. Will you kindly give us some idea of the demand and the average price per hundred for cut flowers, the length of the season, and also the demand for bulbs in the fall? Would it be wise for one to go there expecting to make a living growing gladioli for a time, at least until one could become acquainted with other farming or fruit-growing methods there, that might be better? Of course, we understand that it is necessary to irrigate. We have been growing gladioli here, in Ohio, successfully for many years and thoroughly understand the business in this part of the country. We are growing the new, large varieties exclusively.

A. H. A.

The demand shown by the flower buying public for gladioli during the past season shows that this well-known flower has come to stay. This was particularly noticeable with the newer varieties, and such kinds as America, Augusta, Easter, 1900 and many others were not produced in anything like sufficient quantity to cover the market. The comparatively high prices asked for flowering bulbs kept many growers from planting them, but those who did so had no difficulty in getting from $5 to $6 per hundred stems and retained their stock bulbs for another season. The older and poorer strains are being gradually superseded by the better article and, if the demand is as general next year as it was in the season that has just passed, gladioli will be another good paying crop.

Gladioli seem to flourish in almost any soil that is neither too heavy nor excessively sandy. Good sediment ground, with a generous drainage, suits them best. Regarding watering, unless the season is exceptionally dry or the soil allowed to get hard, a couple of good soakings will be all that is necessary to induce the bulbs to put forth their greatest efforts. In places in California where the rainfall is very light it would be necessary to keep the ground artificially watered oftener than this. Again, in localities where the natural moisture stays in the ground all season, no extra waterings need be provided.

Good cultivation, freedom from weed pests, no excessive manuring and a new situation every few seasons, is all that is required either by an amateur or an old established grower to produce a profitable crop, provided the best varieties are planted and the crop is produced near enough to market to be advantageously handled without paying too high tribute to the express company.

By a judicious succession of plantings it is possible to have flowers from June until the end of November. G.

Rooted Carnation Cuttings



Showing a Portion of Our Field

Is there any comparison to be made between cuttings grown on plants that have been raised in the open under the most favorable climatic conditions, with plenty of water and good, deep cultivation, and those grown on plants that have been raised under glass?

Our Cuttings will be ready for early December Delivery
WATCH THIS SPACE FOR PRICES

Loomis Carnation Co., D. F. RODDAN & SON, Proprietors **Loomis, Cal.**

Mention The Review when you write.

Rooted Carnation Cuttings

All the best varieties for Dec. 1 delivery.
Send for price list, now ready.

Field-grown plants yet for sale

Bassett's Floral Gardens
LOOMIS, CAL.

Mention The Review when you write.

ROOTED
Carnation Cuttings
...Our Specialty...
Write For Prices.
California Carnation Co., Loomis, Cal.

Mention The Review when you write.

RAHN & HERBERT
Wholesale Growers
PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots ..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in.. buds and flowers.....	25.00
Primula Obconica, 2½-in. pots.....	4.00
Mums, stock plants.....	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

Bay Trees Bay Trees

2000 just to hand JULIUS ROEHRS CO. Rutherford, N. J.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

THE McKay Nursery Co., of Waterloo, Wis., has purchased seventeen acres of land near that town.

T. V. MUNSON, of Denison, Tex., is on the program of the American Breeders' Association, which meets at Omaha, December 8 to 10, for a paper on breeding the grape. Most of those on the program are Department of Agriculture or agricultural college experts.

IT is going the rounds of the trade press in Europe that "John D. Rockefeller has ordered from Gouda, Holland, nurserymen, 35,000 pine trees, with which he proposes to plant a park. The trees will pay $20,000 duty on entering America."

THE Wichita Nursery Co., of Wichita, Kan., sold 60,000 catalpa trees this fall to Rev. O. N. Roth, who will plant them on his farm in Harper county, Kan., believing that there are few better investments than the planting of such trees for timber, especially in western Kansas.

VALUE OF INSECTICIDES.

(Continued from page 14.)

other point in favor of the solution is that it does not injure the bloom or growth as fumigation often does, if the solution is properly prepared and applied.

Fumigation With Cyanide of Potassium.

It is my experience, after considering all kinds and conditions of plants and insects and greenhouses, that this material, though perhaps used the least, is the cheapest and most effective means for fumigation. The best results are obtained by using three-quarters of an ounce of potassium cyanide, at a cost of 2½ cents, and one and one-quarter ounces of sulphuric acid, at a cost of about ¼ cent, per thousand cubic feet. This method, besides costing only about 2½ cents per thousand feet, is thoroughly effective and requires little labor in its application.

As this remedy has heretofore been considered by a great many florists as dangerous to human life in its application, it has been but sparsely used. The solution, however, is so weak that there is not the least danger to human life or health if only the simplest precautions are taken.

The formula recommended is as follows: Potassium cyanide, one ounce by weight; sulphuric acid, one and one-half ounces by volume; water, three ounces by volume.

The cyanide should in all cases be chemically pure, ninety-eight per cent pure cyanide, and the sulphuric acid be the best commercial or eighty-five per cent grade. It is always best to have the cyanide broken up into small pieces. Generators should always be earthen or glass vessels, never metal, having a gallon capacity. In order to distribute the gas equally throughout the greenhouse, it is well to place the generators at equal distances apart along the walks. The greenhouse should be as much as possible air-tight, with dry atmosphere and a temperature below 60 degrees Fahrenheit, and the generation of gas should be done after darkness has set in. After having placed the generators properly, with water and sulphuric acid, the packages of cyanide are then added, commencing at the generator farthest from the place of exit, and the operators should then leave as soon as possible and close the door. The dropping of the packages of cyanide into the generators by means of a cord operated from a position outside the greenhouse is entirely unnecessary and is now quite obsolete, as the fumes from the composition are too weak to do any injury. The quantity of the doses must, however, always be regulated by the florist from the condition of the greenhouse, the plants, and the insects to be destroyed. As to the time of application, the table below will give the approximate time. It is, however, always better to have the solution strong and the duration of the application short than the reverse, both for the life of the plants and the destruction of the insects.

Table of Plants.

Three-fourths of an ounce of potassium cyanide to 1,000 cubic feet of space for twenty to twenty-four minutes: Araucarias, ageratums, alternantheras, aspidistras, asters, asparagus, aquatics, bulbs of all kinds, begonias, bougainvilleas, coleus, chrysanthemums, crotons, cordylines, Cyperus alternifolius, dracænas, dahlias, euphorbias, ferns of all varieties (except adiantums), geraniums, gardenias, hoyas, marantas, orange trees, lemon trees, salvia, sweet peas, tradescantia, pandanus, roses, carnations.

Three-fourths of an ounce of potassium cyanide to 1,000 cubic feet of space for twenty-two to twenty-nine minutes: Palms, phœnix, livistonas, kentias, cocos, sago, latanias, orchids, violets, etc.

Three-fourths of an ounce of potassium cyanide to 1,000 cubic feet of space for eighteen to twenty-four minutes: Lettuce, spinach, parsley, tomatoes, onions, beets, corn, celery, turnips; in fact, all vegetables.

It is the confidence I have in the remedy which prompts me to highly recommend it as the cheapest and most effective means for destroying the white fly, plant lice and scale insects commonly found in the greenhouse, without, however, destroying or endangering the health of plants or of the operator of this remedy, and I would encourage in every way possible the use of this means, that those insects, if not totally destroyed, may still be so kept in check as to do but the minimum of harm.

BIENNIALS.

The ground may not freeze up for some weeks yet, but we can never tell when bad weather may shut in on us after the middle of November. Some of the half hardy perennials and biennials, which are hardy in states farther south,

DOROTHY PERKINS

Several thousand strong plants, 6 to 8 branches, 5 to 8 feet, fine for forcing, at $10.00 per 100; also a few hundred **WM. C. EGAN**, at $12.00 per 100.

Hoopes, Bro. & Thomas Company, West Chester, Pa.

Mention The Review when you write.

California Privet SPECIAL

For two weeks we will make Special Price on car lots of 18 to 24-inch, 2-year, well-branched and extra fine rooted stock, small quantities, at low prices.

Asparagus, Palmetto and Giant Argenteuil, 3-year, extra strong, $5.00 per 1000.

JOS. H. BLACK, SON & CO.
HIGHTSTOWN, N. J.

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, Trier, Dorothy Perkins, T. Blumschen, Lady Gay, La Flamma, Debutante, Hiawatha — 12c each

Tausendschon, Barbier — 20c each

Clematis Paniculata, field-grown, 1-year, 6c each.
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c.
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $4.00 per 100; $35.00 per 1000
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

New York State Grown Roses for Forcing

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years GENEVA, N. Y. 700 Acres

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) Seedlings
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.
Mention The Review when you write.

Peonies a Specialty
Write us for latest price list
PETERSON NURSERY,
Stock Exchange Building. CHICAGO.
Mention The Review when you write.

PEONIES, IRIS, PERENNIALS
Evergreens, Ornamental Trees and Shrubs, Rhubarb, Asparagus
WILD BROS. NURSERY CO.
Established 1875. SARCOXIE, MO.
Mention The Review when you write.

Roses At Special Prices For Immediate Delivery
See Column Adv., page 60, Nov. 4.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO
Mention The Review when you write.

Grape Vines
All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.
T. S. HUBBARD CO., Fredonia, N. Y.
Mention The Review when you write.



OFFERING
Choice Ornamental Nursery Stock
such as
Rhododendrons, Lilacs, Azalea Mollis, Hydrangeas, Magnolias, Boxwoods, Japan Maples, Picea, Aucubas and Bulbs.
Wm. J. Elliott, Auctioneer
New York, N. Y.
Mention The Review when you write.



The United States Nursery Co
RICH, Cohoma Co., MISS.
Mention The Review when you write.

Viburnum Plicatum
Spiraea Prunifolia, Deutzia Lemoinei, Berberis Thunbergii, Altheas and other shrubs. Send for list.
The Conard & Jones Co.
WEST GROVE, PA.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.
Mention The Review when you write.

POT GROWN
Hydrangea Otaksa
5-inch, fine stock...$15.00 per 100
4-inch, fine stock... 10.00 per 100
Satisfaction or Your Money Back.
THE CARL HAGENBURGER CO.
West Mentor, Ohio
Mention The Review when you write.

Going! Going!!
100
Berberis Thunbergii 18-24 in., $6.50; 12-18 in., 4.00
Rosa Rugosa, 2-yr., $ 8.00 per 100
Rosa Carolina, 2-yr., 10.00 per 100
SPECIMEN PLANTS
Viburnum Cassinoides.....50c each
WRITE FOR LIST
Littlefield & Wyman's
North Abington, Mass.
Mention The Review when you write.

American Everblooming **HYDRANGEAS**
1 and 2-year, strong.
Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis,** etc.
THE E. Y. TEAS CO., Centerville, Ind.

should now go into coldframes. Included among these are pansies, myosotis, Canterbury bells, foxgloves, aubrietias and a number of other plants, many of which might survive the winter in the open, given favorable climatic conditions, but which will all come through unscathed if given sash protection after steady cold weather arrives. Dry leaves, pine needles or hay can be used over the plants in winter in frames, but should not be put on until the soil is firmly frozen. All these biennials can be planted quite closely together. We do not want them to grow during the winter, but just keep them alive and fresh.

SHADING.

There are not many plants which will require shading on the glass after this date. Adiantums or other tender ferns and many palms should have a little; not that there is now any great danger of their burning, but with shade they hold a darker green color. Chrysanthemums in bloom should have the glass obscured. Carnations want all light possible, as do violets and roses. Orchids, with a few exceptions, will now stand the full sun and be benefitted thereby. The leaves may take on a rather more yellowish hue, but bulbs made up will be firmer and afterward more floriferous. A use of the hose and brush on roofs that still carry shading will give the plants more sunshine, which, except in a few special cases, as those named, is what they now need, the amount of sunlight now steadily declining daily.

ST. PAUL.

The Market.

Business, which has been good all the fall, was given a boost by the cold wave and snow storm of November 17.

Fall weddings have been numerous this season, another evidence of prosperity—to the florist, at least. Introduction parties, teas, receptions, balls, bridge parties and the many other events incident to elite society are also in full sway, all creating a demand for the florist's goods and his skill in decorating.

The call for violets, valley, orchids, Beauties and mums has been heavy and continuous. The only noticeable scarcity has been in violets. Roses and mums have been coming in heavily. There has been a good demand for single and pompon mums, some of the newer varieties becoming quite popular.

Club Meeting.

The monthly meeting of the State Florists' Association was held Thursday evening, November 18.

The executive committee reported on the arrangements for the annual meeting of the State Horticultural Society, to be held in Minneapolis December 7 to 9. The Florists' Association is now an auxiliary society, and December 8, at 11 a. m., is arranged for the reading of papers by members of the Florists' Association and the exhibition of flowers.

A. C. Hansen, who visited his native country, Denmark, the past summer, gave a short talk on his impressions of the trade in that country, the florists being apparently better off there than here.

H. Will gave an interesting description of the Chicago and Milwaukee shows, which he attended.

F. M. Johnson, of Chicago, gave a few encouraging remarks complimentary to the society.

S. L. Dysinger read a paper on "Looking Outward," giving the office man's view of the business in general.

Prof. L. R. Cady followed with an interesting talk on "Plant Breeding," as conducted by the state experimental station, concluding with the remark that this department of the work might be quite beneficial to the florists if they would ask the legislature for the needed appropriation.

J. Jorgenson, of the Donaldson Co., exhibited White Enchantress carnations, scoring 81 points; White Perfection, 83; Light Pink Enchantress, 80½, and Yellow Eaton mums, 81 points.

E. Nagel & Son had a nice vase of assorted mums, scoring 79½.

The next meeting will be held December 14.

Various Notes.

P. Clausen & Son, of Albert Lea, are sending in some choice single violets.

Holm & Olson are cutting some extra fine orchids. They have just installed another large refrigerator for storage purposes. O. J. Olson, of this firm, is away on his annual moose hunt in the northern part of the state.

Visitors: T. Mellstrom, New York, representing Sander & Sons; A. Hans, Boston, representing K. J. Kuyk, and F. M. Johnson, of the A. L. Randall Co., Chicago.

STERLING, ILL.—The Sterling Floral Co. is making improvements at its greenhouses.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

S. J. Reuter & Son, Inc., Westerly, R. I.

Chas. Knop Floral Co. Richmond, Ind.

Mention The Review when you write.

Shasta

During October Shasta gave us 2 blooms per plant. During the first 15 days of November we cut 2369 good blooms from the same bed of 1800 plants. The cut is getting better every day.

Growers who come to see it growing, marvel at its productiveness and fine quality of bloom. We would like to have you come and see it too. Once you see it, you will want to grow it.

Booking orders for it now at $12.00 per 100; $100.00 per 1000

PATTEN & CO., Tewksbury, Mass.

BAUR & SMITH, Indianapolis, Ind.

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Rooted Carnation Cuttings

FOR DECEMBER DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

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Flower Insurance

Insure the safe arrival of your Choice Cut Flowers and Floral Designs by tying them securely and quickly into place with the new Security Staple. Equally valuable to adjust the covers of Telescope Boxes to any desired height.

$1.50 per box of 500. Send 2c stamp for sample.

FRANK J. YETTER
Greenfield, - Mass.

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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.

10,000....$1.75; 50,000....$7.50; Sample free
For Sale by Dealers

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Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why You Should Grow SANGAMO

1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd.—The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th—The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market. WINNER OF FIRST PRIZE IN CLASS OF 100 BLOOMS.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

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MARY TOLMAN

WINNER OF FIRST PRIZE AT MILWAUKEE.

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery. **$12.00 per 100; $100.00 per 1000.**

A. E. HUNT & CO., EVANSTON, ILL. **CHICAGO CARNATION CO.,** JOLIET, ILL. **HUNT BROS.,** PARK RIDGE, ILL.

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CHRYSANTHEMUM NOVELTIES

Catalogue ready soon. Write for it.

CHAS. H. TOTTY, Madison, N. J.

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DAHLIAS—GLADIOLUS

400 varieties of **Dahlias**, selections from the best the country affords.

Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

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CENTRAL SEED AND BULB CO.

WHOLESALE GROWING

OUT-OF-DOOR BULBS

52 Wabash Ave., CHICAGO

Gardens at Benton Harbor, Mich.

Always mention the Florists' Review when writing advertisers.

Call and See it Growing Miami Queen

In dissemination of this new carnation, the introducer feels confident it excels all similar varieties in the following respects:

It has a strong constitution and will thrive with ordinary culture.

The color is a grand cerise pink and very double, shows up fine under artificial light.

The blooming qualities are of the best, commencing in early Fall and continuing throughout the season.

During the dark days of Winter, this carnation, having a strong calyx, does not split to any extent, like other pinks.

The form is ideal, the flower being from 3 inches to 4 inches; the plant compact, with no surplus grass; the stem is long and graceful; keeping qualities are excellent; a good shipper; and we fell confident that this is one of the best commercial carnations sent out in years; we have given it five years' trial, and it is better this year than ever.

We are booking orders for January, 1910, delivery, at $10.00 per 100; $85.00 per 1000. Orders filled in strict rotation. For sale by

Miami Floral Co., Dayton, Ohio **E. G. Hill Co.** Richmond, Ind.

Our New Carnation for 1910

SCARLET GLOW (Shown as No. 51 [06] at the A. C. S. meeting at Indianapolis in January, 1909.) A good bright scarlet, in perfect health, early and free flowering, and keeping qualities of the very best.

Orders booked now for January, 1910, delivery. Price, $12.00 per 100; $100.00 per 1000.

F. DORNER & SONS CO., La Fayette, Ind.

ORDER QUICK

CHRYSANTHEMUM CLUMPS—Fine Enguehard, White Jones, Polly Rose, Pacific Supreme, Silver Wedding, Maud Dean, Major Bonnaffon, Golden Glow.

$4.00 per 100.

Cheap—Fine—A Bargain

JNO. A. KEPNER, Box 3, Harrisburg, Pa.

INDIANAPOLIS.

The Market.

Only slight improvement is noticeable in the flower market, probably owing to the continued warm weather. Chrysanthemums have shortened up considerably in the last week, no doubt on account of the growers holding them for Thanksgiving. Lilies and callas are both of good quality. Lily of the valley, violets and orchids meet with a fair sale. Some Paper Whites are to be seen, but they are not in great demand yet. Sweet peas are arriving in fair quantity and meet with a good demand. Beauties, roses and carnations are equal to the demand. There are some good Lorraine begonias, cyclamens and primulas to be seen, but as yet there is little demand.

Various Notes.

Ed. Rankin has taken over the greenhouses at Broad Ripple, formerly managed by the A. A. Warner Co. Mr. Rankin has gone to considerable expense in overhauling the place, having put a new roof on the boiler shed, besides going over the entire heating system and making numerous other repairs.

Roepke & Rieman have a fine crop of smilax coming on for Christmas. This firm has a bench of California violets and pansies this year, and if successful, intend to increase the quantity next year.

The Smith & Young Co. has been sending in some good Brides and Maids. This firm reports good success with orchids this year, having been making regular shipments to St. Louis and Chicago.

A. Wiegand & Sons have suffered quite a loss in their cyclamen, having lost about one-half of their entire lot on account of the mite. The plants were looking exceptionally fine until the last three or four weeks, when they began to show unmistakable evidence of this pest.

J. J. Karins, with H. A. Dreer, was in the city last week.

John Rieman served last week on the jury that acquitted the moving picture show people, on trial for keeping open on Sunday.

B. F. Hensley, of Knightstown, was a visitor last week. Mr. Hensley says he has a fine lot of mums for Thanksgiving.

F. W. Brandt, who purchased Wm. Billingsly's place, reports business good.

Alvin Schreiber, foreman for Bertermann Bros., has a fine lot of cyclamen and Begonia Gloire de Lorraine coming on for Christmas. Mr. Schreiber is hard to beat on these two plants.

H. L. W.

Phoenix Roebelenii

HARDIEST DECORATIVE PALM

Finest Sturdy Plants on Market

Elegant Specimens, 9-in. tubs, 1½ to 2 ft. spread, 12 to 15 character leaves, $3.00 each; $34.00 per doz.

Have also other sizes.

CHAS. EBLE, Florist

121 Baronne St., NEW ORLEANS, LA.

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Bobbink & Atkins

Nurserymen and Florists :: Rutherford, N. J.

Boxwood and Evergreens

BOXWOOD, PYRAMID.

2½ ft.	$1.00 each	4½ ft.	$3.50 each
3 ft.	2.00 "	5 ft.	4.00 "
3½ ft.	2 50 "	5½ to 6 ft.	5.00 "
4 ft.	3 00 "	6 ft.	6.00 "

Evergreens

We have a large quantity and fine assortment of small **EVERGREENS** for Window Boxes and Vases. 10-12 in., $20.00 per 100; 12-15 in., $25.00 per 100; 15-18 in., $35.00 per 100.

KENTIAS and BAY TREES—Our stock is larger and finer than ever. We can fill orders for all sizes.

A visit to our nursery will convince you we have the quality that gives satisfaction.

Azaleas

Have arrived in splendid condition. We have all the most important varieties and sizes. Anybody in want of a quantity will do well to inspect our plants before placing their order.

Schryveriana, Paul Weber, Raphael, Vervaeneana, Mme. Van der Cruyssen, Dr. Moore, Mme. Cam. Van Langenhove, Paul de Schryver, Niobe, Prof. Wolters, Simon Mardner, Louis de Kerchove, Deutsche Perle, John Llewellyn, Mme. Jos. Vervaene, Memoire de L. Van Houtte, Sigismund Rucker and others.

	Doz.	100		Doz.	100
8-10 in. diam.	$3.50	$25.00	15-16 in. diam.	$ 9.00	$ 75.00
10-12 "	4.50	35.00	16-18 "	12 00	90.00
12-14 "	6.00	45 00	18-20 "	25.00	200.00
14-15 "	7.50	60.00	20-24 "	36.00	300.00

Order early to save heavy express charges; impossible to ship by freight in cold weather.

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At Foreign Growers' Prices for

Spring Delivery

FROM BELGIUM. Kentias, Bay Trees, Araucarias, etc.

FROM HOLLAND. Boxwood, Rhododendrons, Peonies, etc.

Full list of Japanese, Holland, English and French Nursery Stock.

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VALLEY PIPS. Early or late forcing.

ENGLISH MANETTI. Selected for grafting.

JAPANESE LILIES. Multiflorum, Giganteum, etc.

AZALEA INDICA from Belgium.

Write for Catalogues, special lists, etc., mentioning the class of stock you are interested in.

RAFFIA, 5 grades, bale lots only.

We have our own Custom House Department.

Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

McHUTCHISON & CO.

17 MURRAY STREET, NEW YORK CITY

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DAHLIAS JACK ROSE and other best Cut Flower varieties.

WRITE FOR LIST AND PRICES

Peacock Dahlia Farms

Williamstown Jct., N. J.

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IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY

The Orchid Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

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ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

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Orchids! Orchids!

Arrived in first-class condition.

C. Mossiae

ORDONEZ BROS., 41 W. 28th St., New York

AND MADISON, N. J.

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GERANIUM ROOTED CUTTINGS

S. A. Nutt and Buchner.....$10.00 per 1000
Poitevine and Ricard..... 12.50 per 1000

Large, strong cuttings, rooted right.

Personal attention given to all orders; my endeavor to give satisfaction if possible.

Cash with order.

C. F. TREICHLER :: SANBORN, N. Y.

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Chrysanthemum Golden Eagle

Stock plants, $1.00 per doz.; $5.00 per 100.

GOLDEN CHADWICK, 50c. doz.; $3.00, 100.

W. F. DUNTEMAN, Bensenville, Ill.

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Chrysanthemum Stock Plants

WHITE—Willow Brook, Kalb, Robinson, Bonnaffon, Bonnett.
YELLOW—Golden Glow, Monrovia, Golden Age, Col. Appleton, Bonnaffon.
PINK—J. K. Shaw.
$1.00 per doz.; $5.00 per 100. Cash.

GEO. A. KUHL, Pekin, Ill.

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Geraniums

Rooted Cuttings ready now

S. A. Nutt.....$10.00 per 1000

WHITE BROS., Gasport, N. Y.

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DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ACTO, N. J.

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SMITH'S CHRYSANTHEMUM MANUAL

By ELMER D. SMITH

The most practical work of its kind. 40c. prepaid.

ELMER D. SMITH & CO., Adrian, Mich.

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Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

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PRIMULA

Chinensis Obconica

No better strains in existence. Famous Ronsdorfe and Lattmann Obconica hybrids, 2-in. stock ready now For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

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GERANIUMS

We are Recognized as Headquarters

Our Standard list contains 42 Double and Semi-double Varieties, representing the very cream of the world. It is the finest collection ever offered to the American Trade, in good 2-in. stock, at $2.00 per 100, $18.50 per 1000, in lots of not less than 1000, and not less than 100 of a kind, except in the following special offer:

We will send 1000, in 20 distinct varieties, our selection, for $18.50. We have been sending this collection out for a number of years and are willing to stake our reputation on it.

We have a large stock of Lantanas, Fuchsias, Lemon Verbenas, Alyssum, Coleus, Double Lobelias, etc., at $2.00 per 100, and we are not in much danger of being sold out.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

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Mum Stock Plants

Golden Glow, Virginia Poehlmann, Crocus, Rosiere, Oct. Frost, Bergmann, Touset
All at $10.00 per 100; $1.50 per doz.

BASSETT & WASHBURN, Hinsdale, Ill.

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CHRYSANTHEMUMS

Yellow, white, pink, $1.00, $2.00 and $3.00 per doz.
ROSES, Bride, Maid, Killarney and Richmond, $3.00 to $6.00 per 100.
CARNATIONS..... 3.00 to 4.00 per 100.

THE MUNK FLORAL CO.

Wholesale Growers **COLUMBUS, OHIO**

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ROSES—Own Root, Fine Stock

	Doz.	100
Mrs. Jardine, Rhea Reid, Enchanter, from 3-in. pots	$1.25	$8.00
Bride, Bridesmaid, Golden Gate, Uncle John, Bon Silene, Wootton, Pres. Carnot, Kaiserin, La France, from 3-in. pots	1.00	6.00
Killarney, from 3-in. pots	1.50	9.00

ROSES—Grafted

	Doz.	100
My Maryland, from 3-in. pots	$4.00	$25.00
Mrs. Jardine, Rhea Reid, from 3-in. pots	2.50	15.00
Bride, Bridesmaid, Wootton, La France, from 3-in. pots	2.00	15.00
Pres. Carnot and Kaiserin, from 3-in. pots	2.50	18.00

WOOD BROTHERS, Fishkill, N. Y.

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Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.
2-yr.-old Peonies, $10.00 per 100.

J. Murray Bassett, Hammonton, N. J.

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H. DREYER

Tel. 228 Newtown, Jackson Ave., **ELMHURST, L. I.**

Decorative Plants

SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

Always mention the Florists' Review when writing advertisers.

ROOTED CUTTINGS

Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000. A. Ricard, B. Poitevine, La Favorite, M. Castellane, F. Perkins, $1.50 per 100; $15.00 per 1000. Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000. Rose Geraniums, skeleton leaf, large leaf, $2.00 per 100. Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Dwarf Lantanas, 18 vars., $1.50 per 100; $13.00 per 1000.
Coleus, 25 vars., 70c per 100; $6.00 per 1000.
Heliotropes, 8 vars., 70c per 100; $6.50 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000. Dreer's fancies and all the other good ones.
Russelias, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Salvia, 6 vars., 90c per 100; $8.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Lemon Verbena, 90c per 100; $8.00 per 1000.
Pyrethrum Mt. Blanc, $1.00 per 100; $10.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Pelargoniums (Martha Washington), 12 vars., $3.00 per 100; $25.00 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
Tradescantia Zebrina, 50c per 100.
Fuchsias, best market sorts, 90c per 100; $8.00 per 1000.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

Send for complete list

JOHN IRVINE & SONS, Bay City, Mich.

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EVANSVILLE, IND.

The Market.

Business has been rather quiet for some time, yet some of the retailers say they have no kick coming. Those who have had plenty of mums have done a good business. Roses have been plentiful, with little sale for them. Carnations are good, with a fair demand. Thanksgiving will just about see an end to mums and then we can look for better sales for other stock.

So far, this month has been warmer than the corresponding month for a number of years, but at present it is cooler, with prospects for more seasonable weather.

Various Notes.

The William Blackman Floral Co. reports business as good, especially their out-of-town trade. They have had some large weddings and funerals, with plenty of stock for the work. George Blackman says that Thanksgiving will about finish their mums, which have been extra good this year. They are cutting a large quantity of American Beauties and other roses. Their Beauties are good. Their supply of seasonable flowers is always good.

Emil Niednagel says that business has been quiet for a week or two, but is picking up again. He says that fancy ferns are nice, but do not keep as well as usual. This means something to them, as their fern bill is a large item.

Nellie Goodge expects a nice crop of carnations for Christmas. Her potted plants are all in good condition. Business has been quiet with her.

Royston & Fenton are receiving some fine carnations from W. J. Ritterskamp, of Princeton, Ind.

Louis Fritsch says business is good, but could be better. E. L. F.

GREENWICH, CONN.—Robert McMillen, who furnished the decorations for the coming out ball of Miss Everard, of this city, has found it necessary to sue the lady's parents for $1,200, the balance said to be due for the floral display. The decoration, according to orders, was so arranged as to carry out a color scheme of lavender and yellow, and was a fashionable and lavish affair, using a large quantity of orchids at $1 each, as well as other expensive items.

Gloriosa Rothschildiana

Gloriosa Superba Grandiflora

Strong, four-year-old tubers

WRITE FOR ILLUSTRATED PAMPHLET AND PRICE LIST

KNIGHT & STRUCK, 1 Madison Ave., New York

Mention The Review when you write.

Hydrangea Otaksa

4-in. pot plants, dormant, fine for Easter and spring sales, $15.00 per 100.

CYCLAMEN

4-in. pot plants, red, pink and white, strong plants, while they last, $15.00 per 100.

ASPARAGUS PLUMOSUS NANUS

Strong, 3-in., $5.50 per 100, $50.00 per 1000; 2½-in., $3.00 per 100, $25.00 per 1000.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. PHILADELPHIA

Mention The Review when you write.

HEACOCK'S PALMS

	Each	12
Areca Lutescens		
6-in. pot, 3 in pot, 24 to 26-in. high	$0.75	
6-in. pot, 3 in pot, 26 to 28-in. high	1.00	
7-in. pot, 3 in pot, 30 to 32-in. high	2.00	
Cocos Weddelliana		100
2½-in. pot, 8 to 10-in. high		$10 00
2½-in. pot, 10 to 12-in. high		15.00
Kentia Belmoreana		
5-in. pot, 6 to 7 lv., 18-in.	100, $50.00	$ 6.00
6-in. pot, 6 to 7 lv., 22 to 24-in.	$1.00	12.00
7-in. pot or tub, 6 to 7 lv., 34 to 36-in.	2.50	30.00
9-in. tub, 6 to 7 lv., 42 to 48-in., h'vy.	5.00	
9-in. tub, 6 to 7 lv., 48 to 54-in., h'vy.	6.00	
Made-up Kentia Forsteriana	Each	
7-in. pot, 4 in pot, 34 to 36-in.	$2.50	
7-in. pot, 4 in pot, 36 to 38-in.	3.00	
9-in. tub, 4 in tub, 42 to 48-in.	5.00	

JOSEPH HEACOCK CO., Wyncote, Pa.

Mention The Review when you write.

Send Your Order at Once

	Per 100
Boston Ferns, strong, 2-in.	$ 3 00
Elegantissima, strong, 2-in.	3.00
" " 3-in.	6.00
Piersoni, strong, 4-in.	8.00
Asparagus Sprengeri, strong, 2-in.	2.00
Asparagus Plumosus, strong, 4-in.	10.00
Vinca Var., strong, 4-in.	7.00
Stock plants, full of cuttings, of Alice Byron, C. Touset, Enguehard, Oct. Frost, Bonnaffon.....	75c, 12 5.00

Adolph G. Fehr
BELLEVILLE, ILL.

Primula Obconica

Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

Vick & Hill Co.
P. O. Box 613. ROCHESTER, N. Y.



Kentia Belmoreana—The above cut shows the plant in 9-in. pot, at $6.00 each.

Kentias of Value

Kentia Belmoreana

Never before have we had such a fine lot of Kentias as quoted in the following sizes. A sample order will certainly satisfy you as to the value of this stock.

In. pots	In. high	Leaves	Each	Doz.	100
2½..	8 to 10..		...	$ 1.50..	$10.00
3 ..	12..		...	2.00..	15.00
4	..14 to 16..	4 to 5..	$0.50...	4.50..	35.00
6	..26 to 28..	6 to 7..	1.50...	18.00	
7	.. 28	7..	1.75...	21.00	
7	..28 to 30..	6 to 7..	2.50...	30.00	
8	..34 to 36..	6 to 7..	4.00...		
8	..30 to 36.....		3.50		
9	..36 to 42.....		6.00		

Kentia Forsteriana

In. pots	In. high	Leaves	Per doz.
2.....	6 to 7	3 to 4	$1.50
3.....	10 to 15	4 to 5	2.00
4.....	16 to 18	5 to 6	4.50
			Each
5.....	24 to 28	5 to 6	$0.75
6.....	28 to 30	5 to 6	1.00
6.....	30	5 to 6	1.25
7.....	32 to 34	5 to 6	1.50
7.....	37 to 40	6 to 7	2.50
7.....	42 to 44	6 to 7	3.50
8.....	48 to 54	6 to 7	5.00
9.....	60 to 62	6 to 7	7.00

Made-up Plants

In. tubs	In. high	Plants in tubs	Each
7.....	30 to 34	4.....	$ 3.00
8.....	42 to 46	4.....	5.00
9.....	48 to 50	4.....	6.00
10.....	54 to 60	4.....	10.00

Areca Lutescens

Made-up Plants

In. pots	Leaves	In. high	Each	Per doz.
3.....	10 to 12....	10 to 12.....	.....	$ 2.00
4.....	12 to 15....	16 to 18.....	$0.25.....	3.00
7.....	16 to 18....	30 to 32.....	2.00.....	24.00
8.....	18 to 20....	32 to 36.....	3.00.....	36.00

Latania Borbonica

In. pots	Leaves	In. high	Each	Doz.	100
3.....	3 to 4....	10 to 12.....		$1.50..	$10.00
4.....	4 to 5....	12 to 15.....	$0.25..	3.00..	25.00
5.....	5 to 6....	15.....	.40..	4.50..	35.00
6.....	6 to 7....	18.....	.50..	6.00..	50.00
7.....	7 to 8....	20 to 24.....	.75..	9.00	

California Peppers

4-in. pots.....per doz., $1.50
5-in. pots..... " 2.00
6-in. pots..... " 3.00

Jerusalem Cherries

4-in. pots.....per doz., $1.50
5-in. pots..... " 2.00
6-in. pots..... " 3.00

Aucuba Viridis

Berries will redden up for Christmas. 8-in. and 9 in. pots, 2 ft. high, $1.50 each; $18.00 per doz.

Ficus Elastica

In. pots	In. high	Each	Per doz.
5.....	12 to 15.....	$0.35.....	$4.00
6.....	16 to 20.....	.50.....	6.00

Boston Fern Baskets

10-in. baskets, nicely furnished.....$1.00 each

Poinsettias

in pans

For Christmas

We have a nice lot of 6-in. pans with 3 plants in a pan at $9.00 per doz.

Order now and they will be set aside.

Geo. Wittbold Co.

New Number **727-729 Buckingham Place,** Established 1857 **CHICAGO**

Mention The Review when you write.

FERNS

In Fine Condition

Nephrolepis Whitmani, 5-in., 25c; 6-in., 50c; 7-in., 75c.
Nephrolepis Bostoniensis, 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., 75c.
Nephrolepis Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c.
Nephrolepis Scottii, 4-in., 20c; 5-in., 30c; 6-in., 50c.
Small Ferns for Dishes, 2½-in., $3.00 per 100.
Rubbers, short stocky plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
Strong Latanias, 4-in., 15c; 5-in., 25c; 6-in., 50c.
Kentia Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00 to $1.50. Larger plants, $2.00 to $35 00 each.
Kentia Forsteriana, made-up, $1.50, $3.00, $5.00, $7.00, $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 each.
Begonia Gloire de Lorraine, just right for Xmas, 4-in., 30c; 5-in., 50c; 6-in., 75c.

JOHN BADER

43 Ravine St., N. S., PITTSBURG, PA.

SPLENDID VALUES

PALMS—A grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened clean plants, the best we ever saw. Extra good value. We have plenty of them.

36 to 40 in. high.....$3.50 each
40 to 44 in. high..... 4.50 each
44 to 48 in. high..... 6.00 each

KENTIA BELMOREANA, 4-in. pot plants, ready for sales or growing on. Well shaped, bushy little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz.; $30.00 per 100.

GENISTA—Nicely trimmed plants, in good shape for Easter flowering, 5-in. pot plants, $3.50 per doz.; $25.00 per 100.

Boston Ferns.....5-in. pot plants, $35.00 per 100; 6-in. pot plants, $50.00 per 100.
Elegantissima.....5-in. pot plants, $35.00 per 100; 6.in. pot plants, $50.00 per 100.

THE STORRS & HARRISON CO. PAINESVILLE, O.

Mention The Review when you write.

Araucaria Excelsa

From 6 to 8-in. pots, 15 to 26 in. high, 4 to5 tiers, 75c, $1.00, $1.25 and $1.50.

Kentia Belmoreana

5 and 6-in. pots, stocky plants, 6 to 7 leaves, 35 in. high, 75c, $1.00, $1.25 and $1.50.

Muskogee Carnation Co., Muskogee, Okla.

YOU Will find all the best offers all the time in the Review's Classified Advs.

FERNS

			Per 100
Boston,	strong, 6-in.,	stock,	$40.00 to $ 50.00
Scottii,	" "	"	40.00 to 50.00
Piersoni,	" "	"	40.00 to 50.00
Whitmani,	" "	"	40.00 to 50.00
Todeaoides,	" "	"	40.00 to 50.00
Superbissima,	strong, 6-in.,	stock,	100.00
"	" 4-in.,	stock,	40.00
Strong, 4-in. stock of above varieties,			20.00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

Mention The Review when you write.

FERNS

Whitmani, 5-in., at 35c; 6-in., 65c. Fine for retail purposes.
Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tsussimense, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Plumosus Nanus, from the bench, ready for 5-in. or to grow on for strings, $15.00 per 100; 3-in., $6.00 per 100; 4-in., $10.00 per 100; 6-in., $40.00 per 100.
Calla Plants, fine, ready for bench or 6 and 8-in. pots, will bloom in a short time, 4-in., $10.00 and $12.00 per 100; 5-in., $15.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Always mention the Florists' Review when writing advertisers.

ANDERSON, IND.

Stuart & Haugh gave their eighteenth annual chrysanthemum show the last three days of last week. Two houses of benched and potted mums were in their prime, several varieties showing blooms equal to any show flowers. Four houses of carnations were a mass of buds and bloom. The white, pink and rose-pink Enchantress took the lead, being fine, while Bountiful, Lawson, Lawson-Enchantress, Beacon, Robert Craig, Victory, Ruby and White Perfection were elegant. Three houses of roses well in crop were much admired, those grown being Richmond, Rhea Reid, Killarney, Bride and Maid. Two benches of callas in flower and Lilium rubrum in full flower were quite attractive. A house of smilax, with one solid bench of Kaiserin, and with side benches of cyclamen and Lorraine begonias, were praised by the visitors. Ferns, palms, asparagus, araucarias and rubber plants filled two houses. The violets, primulas, poinsettias and coleus showed up to good advantage and the thousands of rooted moonvines in sand surprised the visitors.

The weather was fine and the attendance large, all present being greatly pleased and interested. These shows are always free and are looked forward to by hundreds of friends and customers. Sunday, November 21, the day after the show, the place was thronged with visitors.

Baur & Smith exhibited a vase of their white carnation, Shasta, which showed up fine and demonstrated its keeping qualities, also a white seedling that will give White Enchantress a good race.

The E. G. Hill Co. sent two vases of its elegant show mums, which were surrounded by interested visitors at all times.

Baskets of roses, carnations and mums, and floral emblems of flowers and wreaths of magnolia, galax and cycas leaves added much to the exhibition.

PARIS, TEX.—The Paris Floral Club recently held its annual flower show in the Massenburg building. The attendance was satisfactory to the club members and the exhibits were excellent.

BLOOMINGTON, ILL.—The first annual meeting of the Illinois Outdoor Improvement Association was held here November 18 and 19. The discussion related largely to the improvement of public school grounds and streets by means of trees and shrubs. The meeting was an entire success and great interest was shown, many notable speakers taking part in the discussion.

Araucaria, Cyclamen, Ferns, Etc.

	Doz.	100
2½-in. Bostons	$0.60	$ 4.50
4-in. "	2.00	
5-in. "	3.00	
6-in. "	5.00	
2½-in. Whitmani	.75	5.00
3-in. "	1.00	8.00
4-in. "	2.50	20.00
2½-in. Scottii	.60	4.50
6-in. "	4.50	
4-in. " from bed	1.50	12.00
2½-in. Amerpohlii	.60	4.50
3-in. "	1.00	8.00
4-in. "	2.00	15.00
5-in. "	3.50	
6-in. "	5.00	
2-in. Asparagus Plumosus Nanus	.40	3.00
4-in. " " "	1.50	12.00
2-in. Asparagus Sprengeri	.40	2.50
3-in. " "	.75	6.00
4-in. " "	1.25	10.00
2-in. Ferns for dishes, 4 varieties		3.00
4-in. Araucaria Excelsa, 2 tiers	5.00	40.00
4-in. " " 3 tiers	6.00	50.00
5-in. " " 4 tiers	7.50	60.00
4-in. Rubber Plants	3.00	22.50

	Doz.	100
2-in. Obconica Primrose		$ 3.00
2-in. Baby Primrose		2.50
2-in. Cyclamen, 4 colors		3.00
3-in. " 4 "	$1.00	7.00
4-in. " 4 "	2.00	15.00
2-in. Poinsettias		5.00
2½-in. Kentia Belmoreana		10.00
3-in. " "		20.00
2½-in. Kentia Forsteriana		10.00
3-in. " "		20.00
2½-in. Phoenix, 2 varieties		4.00
3-in. " 2 "		7.00
Bargains in Latania Borbonica		
R. C. Hydrangea		1.50
2-in. "	.50	4.00
3-in. " 3 crowns	1.00	8.00
4-in. " 3 "	2.00	15.00
5-in. " 3 to 5 crowns	3.00	
2½-in. Moonvines		2.50
2½-in. Vinca Var.	.50	4.00
3-in. " "	.75	6.00
10-in. Wire Baskets	1.50	12.00
12-in. " "	1.00	15.00
14-in. " "	2.50	

We also solicit your orders for **R. C. Ageratum, Alyssum, Coleus, Salvias, Heliotrope, Feverfew, Lantanas, Vincas, Moonvines, Double Petunias, etc.** Write for prices. Satisfaction is our aim.

2% discount for cash with order. One-third cash required on C. O. D. orders. Give us a trial.

D. U. Augspurger & Sons Co., Box 778, Peoria, Ill.

Mention The Review when you write

AZALEAS

Just received in fine condition, a good lot of Van Dillewyn & Thiel's prize Azaleas—bushy, well-budded, symmetrical plants.

Deutsche Perle, Empress of India, Empereur du Bresil, Hexe, Madame Van der Cruyssen, Simon Mardner, Vervaeneana, etc.

	Per doz.	100
10 to 12 inches in diameter	$4.50	$35.00
12 to 14 inches in diameter	6.00	45.00
14 to 16 inches in diameter	7.00	55.00

——Limited stock; order promptly.——

JACKSON & PERKINS CO., NEWARK, N. Y.

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CANNAS

Discolor	Burbank	Chas. Henderson
Shenandoah	Austria	Elizabeth Hoss
Black Beauty	Pennsylvania	Florence Vaughan
David Harum	Frederick Benary	Madame Crozy
King Humbert	Chicago	Buttercup, Etc.

Extra choice stock.
Special Prices on application.

Mosbæk Greenhouse Co., Onarga, Ill.

Wholesale Trade List

Araucaria excelsa, fine plants, 3 tiers, 5-in. pots, 50c each.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Cycas Palms, fine shaped plants, 3-10 leaves, 10c per leaf.

Clematis paniculata, 3-in. pots, $5.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $8.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.

Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Choice Stock

Asparagus Plumosus

3-in., 85c per doz., $7.00 per 100.

Ferns

For dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz.

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100.

Cash with order.

Frank Oechslin, 4911 Quincy St. **Chicago, Ill.**

Formerly Garfield Park Flower Co.

YOUR CASH

will buy more goods of Kuhl for next 10 days than you can get anywhere else. We offer you

Cyclamen, 2-in., at $2.00; 2½-in., $3.50; 3-in., $6.00; 4 in., $15.00; 5-in., $25.00.

Primroses, Chinese and Obconica, 2½-in., $3.50; 3-in., $6.00; 4-in., $10.00. **Forbesi,** 2½-in., $5.00; 3-in., $7.50.

Gloire de Lorraine, 3-in., at $20.00; 4-in., $35.00; 5-in., $60.00.

Celestial Peppers, 3-in., $7.50; 4-in., $12.50; 5-in., $25.00.

Roses. Baby Ramblers, 3-in., at $10.00. **Madame Souperts,** 4 in., at $12.50. **Hermosa,** 4-in., at $12.50.

Araucaria, 75c and $1.00 each.

Crotons, $1.00, $1.25, $1.50 each.

Japanese Air Plants, in baskets, at $1.50, $2.00 and $2.50 per dozen.

Azaleas, 75c, $1.00, $1.25 and $1.50.

GEO. A. KUHL, Wholesale Florist and Grower PEKIN, ILLINOIS

Mention The Review when you write.

Prepare for the Holidays



A View of one of Godfrey Aschmann's Gloire de Lorraine Houses, taken Nov. 18, 1909.

Begonia Gloire de Lorraine. Have a whole house full of them in 6 in. sizes, in first-class condition, ready to bloom now and for the holidays. Our experiments in the past in raising and cultivating this early Christmas plant put us in the foreground and now we will be able to deliver them in a much improved condition, with flowers much brighter in color and hardier, standing shipping well. Everybody seeing them, even enemies, must admire them. They are cracker-jacks; 7-in. pots, $1.25 to $1.50; 6-in. pots, 50c, 75c to $1.00. The 75c and $1.00 sizes are almost as big as 8-in.; 3-in. pots, 12c to 15c.

Made-up Plants, 8-in. pans, with 3 3-in. **Begonia Gloire de Lorraine** in center, edged with Asparagus plumosus and Sprengeri, or assorted dish ferns, very attractive. Sell on sight, 60c per pan.

Begonia Flambeau, 4-in., 15c; 5¼-in., 20c.

Begonias. New improved Erfordii and Gracilis, 5¼-in., $2.50 per doz.

TESTIMONY FROM MICHELL.

I personally visited Mr. Aschmann's greenhouses September 21, 1909, and found that the **Araucarias, Begonia Gloire de Lorraine, Boston, Whitmani, Scottii, Amerpohlii, Todeaoides ferns, Rubber Plants, Kentias** and **Arecas** are indeed A No. 1. Have never seen any better plants. The Gloire de Lorraine begonias in 6-in. pots are a perfect wonder, bushy and clean. Have never seen his greenhouses filled with plants as good as they are now.

F. J. MICHELL, of the firm of Henry F. Michell Co., 1018 Market St., Philadelphia, Pa.

Four Houses Filled with the Best. With What? Sure, with ARAUCARIAS, Our Specialty

Araucarias our specialty. More in favor than ever before.

We are one of the largest importers of these well-known and beautiful evergreen decorative plants, the **Araucaria Robusth Compacta, Excelsa Glauca and Excelsa.**

Araucaria Robusta Compacta, real beauties, hard to beat, 4-yr.-old, 6-in. pots, 15 to 25 in. high, $1.25, $1.50 to $1.75 each.

Araucaria Excelsa Glauca, the most attractive of the Araucaria family. This is the blue-green variety, combining grace and beauty, and is much admired; 4-yr.-old, 6-in. pots, 4, 5 and 6 tiers, 18, 20 to 25 in. high, $1.00, $1.25, $1.50 to $2.00 each.

Areca Lutescens, 5-in., made up of 3 plants. 35c.

Araucaria Excelsa, 1909 importation, in sizes as herewith stated: 5½ to 6 in. pots, 3-yr. old, 4, 5, 6 and 7 tiers, 18, 20, 22, 24, 26 to 30 in. high, 75c, $1.00, $1.25 to $1.50 each.

Kentia Belmoreana, 4-in., 15 to 20 in. high, 25c to 35c; 6 to 7-in., stocky, 30 to 35 in. high, 6 to 7 good leaves, very bushy, $1.25, $1.50 to $2.00.

Kentia Belmoreana, 3-in., suitable for fern dishes. 10c.

Kentia Forsteriana, 8-in. pots, made up, 1 large, 4 ft. high in center, with 3 small around, price $3.00 to $4.00; single plants, 6 to 7-in. pots, 25, 30, 35, 40 to 48 in. high, 75c to $1.00, $1.25 to $1.50, $2.00 to $2.50 each; 4-in., 20 in. high, 25c.

Cocos Weddelliana, 3½-in., 18 to 20 in. high, 20c to 25c; 3-in., 15 in. high, 18c.

Latania Borbonica, 4-in., 20c.

Azalea Indica, new crop, raised for us under contract by our Azalea specialist in Ghent, Belgium, just arrived and stood the sea voyage well. We never received a finer lot than this year, well budded for Christmas forcing. Remember, only the healthiest, strongest plants, with buds well advanced, are selected. Deutsche Perle (double white), Simon Mardner (double pink), Vervaeneana (double rose variegated), Apollo (red), 75c, $1.00, $1.25, $1.50 to $2.00. Mme. Petrick, best earliest pink. New varieties will flower in medium temperature. A child can force them into bloom for Xmas, full of buds, 75c, $1.00, $1.25, $1.50 to $2.00 each. Easter forcing varieties, Bernard Andre alba (white), Niobe (white), last year's plants, big sizes, 16, 18, 20 to 22-in., full of buds, $1.00, $1.50, $2.00 to $2.50 each. Remember, only last year's importation bloom successfully for Easter. Empress of India, Mme. Van der Cruyssen, De Schryveriana, Dr. Moore, Simon Mardner, Vervaeneana, Deutsche Perle and five or six more American favorite varieties, 50c, 75c, $1.00, $1.25, $1.50, $2.00 to $2.50 each.

Azalea Mme. Petrick (double pink), in bloom, $1.00, $1.25 to $1.50.

Christmas Azaleas, already showing color, some in bloom, 75c, $1.00, $1.25 to $1.50.

Ferns. Nephrolepis Todeaoides and Boston, 5, 5½ and 6-in. pots, 35c, 40c, 50c Whitmani, 7-in., as big as a wash-tub, 75c to $1.00. Boston, Scottii and Todeaoides, 7-in., 75c, $1.00; $1.25 to $1.50 each; as big as a washtub.

Ferns, Scottii, 5½ to 6-in., 40c, 50c to 60c; 7-in., 75c; 7-in. as big as a bushel basket, $1.00.

Ferns, Wilsoni, bushy, 3 ferns in a 6-in. pan, 25c and 35c per pan.

Primula Kewensis, new yellow novelty, rapid grower, flower will last for months, 4-in., 15c; 5-in., 20c.

Primula Chinensis, John F. Rupp's best strain, assorted, 4-in., in bloom, 10c; 5¼-in., $2.50 per doz.

Adiantum Hybridum, very valuable for cutting; 4-in., 15c; 3-in., 10c.

Adiantum Cuneatum (maidenhair fern), 4-in., 10c.

Asparagus Plumosus Nanus, 2½-in. pots, $3.00 per 100; 3-in. pots, $5.00 per 100; 4-in. pots, $10 00 per 100.

Asparagus Sprengeri, 2½-in. pots, $3.00 per 100; 4-in., $8.00 per 100.

Dish Ferns. Best assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

LOOK! A 7-inch Whitmani as big as a bushel basket, 75c to $1.00.

We have a full house each of the finest **Amerpohlii and Whitmani** in the market. Amerpohlii, 5½ and 6-in., 40c and 50c. Whitmani, 5½, 6 and 7-in., 25c, 40c, 50c, 75c, $1.00.

Cineraria Hybrida, Aschmann's well-known strain, 4-in., 10c.

Cyclamen Giganteum, 4-in, in bud, 25c.

Jerusalem Cherries, 6-in., full of berries 25c, 30c to 50c.

Hydrangea Otaksa, pot grown, 6-in., 25c to 35c.

NOTICE—All our Ferns are pot, not bench-grown. All goods must travel at purchaser's risk. Cash with order, please.

Please state if you want stock shipped in or out of pots.

Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

FOLIAGE TURNS YELLOW.

Will you tell me what makes the leaves on my poinsettias turn yellow and drop off? They made good roots, but in a week or two they started to rot. They keep making new roots and keep rotting off. J. G.

There are several causes for the leaves on poinsettias turning yellow. The most common cause is too much water at the root. If the soil in the pots or pans becomes soggy, you will assuredly lose a large part of the foliage. Too heavy or too frequent use of liquid manure will also cause the leaves to turn yellow, as will too low a temperature. Keep your plants now in a night temperature of 58 to 60 degrees. Do not water until the soil in the pots dries out fairly well. Never apply manure water unless you are sure the pots are well filled with roots and always avoid the use of fresh manure in the compost. The plants want full sunshine and free ventilation to keep them stocky. As the bracts develop, a temperature of 60 to 65 degrees at night will suit them, lowering it 5 to 10 degrees when the bracts are fully expanded. C. W.

J. L. Dillon

Wholesale and Retail Florist

Bloomsburg, Pa.

Mention The Review when you write.

Cyclamens, fine stock, 2½-in., $5.00; 3-in., $8.00 and $10.00; 4-in., $12.00, $18.00, $25.00; 5-in., $35 00 and $50.00 per 100.

Primroses in bud and bloom, 4-in., $10.00; 5-in., $15.00 per 100.

Begonia Gloire de Lorraine, $35.00 and $50.00 per 100.

Asparagus Plumosus, 2½-in. strong, $2.50 per 100. CASH WITH ORDER

CHRIST. WINTERICH, Cylamen Specialist **DEFIANCE, OHIO**

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Always mention the Florists' Review when writing advertisers.

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ADIANTUMS.

Adiantum cuneatum, 3000 plants in 6-in. pots, $15.00 per 100; $125.00 per 1000.
Estate of David Fisher, Montvale, Mass.

Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
Baur Floral Co., Erie, Pa.

AGAPANTHUS.

Agapanthus, sturdy field plants, 25c each. $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

ALTERNANTHERAS.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Alyssum, double giant, for winter flowering, $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

ARAUCARIAS.

Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100. F. Ludemann, 3041 Baker St., San Francisco, Cal.

Fine Araucaria excelsa, in 6-in. pots, 60c each.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $2.50 per 100; 3-in., $7.00 per 100; 4-in., $12.50 per 100. Sprengeri, 3-in., $6.00 per 100; 4-in., $10.00 per 100. Grown cool and ready for a shift. No humbug. A 1 stock.
Wachendorff Bros., Atlanta, Ga.

SPECIAL OFFER.
Asparagus Sprengeri seedlings.
We have an exceptionally fine lot on hand and offer same at 50c per 100, $4.50 per 1000, while they last. W. T. Buckley Co., Springfield, Ill.

Asparagus Sprengeri, strong bushy plants, out of 3-in. pots, $5.00 per 100; $40.00 per 1000. C. A. Rieman, 1224 Grand Ave., Connersville, Ind.

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Asparagus Sprengeri, in 2½-in., at 2c; all first class stock. Will exchange for Boston or Amerpohlii ferns.
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Asparagus plumosus nanus, transplanted seedlings, 2 and 2½-in. pots, $10.00 per 1000 f. o. b. Loomis. Loomis Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 2½-in., 2½c; 2½-in. rose pots, 3c; 6-in., 15c. Excellent, thrifty stock. M. M. Lathrop, Cortland, N. Y.

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Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
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Asparagus plumosus, very strong, 2½-in., $3.00 100, $25.00 1000; 3-in., $5.00; 4-in., $8.00.
Chas. A. Moss, Spartanburg, S. C.

Asparagus plumosus and Sprengeri, 3-in., ready for shift, $5.00 per 100. Worth more.
Kaupp & Son, Nevada, Mo.

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Asparagus Sprengeri, 2¼-in., 2½c; 3-in., 5c; 4-in., 10c. Plumosus, 2¼-in., 3c.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 2½-in., $2.00 per 100; Sprengeri, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Asparagus plumosus, fine plants, 2½-in. If taken at once, $2.00 per 100.
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Asparagus plumosus, 2½-in., strong, $2.50 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

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Asparagus Sprengeri, strong, 2-in., $1.75 per 100; $15.00 per 1000.
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Asparagus plumosus nanus, fine, large plants, 2½-in., $2.50 per 100.
The Lester Greenhouses, Ottawa, Kansas.

Asparagus plumosus, 3-in., 85c per doz., $7.00 per 100. Cash.
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Asparagus plumosus nanus, 2¼-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 2-in., $1.50 100. Fine. U. G. Harglerode, Shippensburg, Pa.

A. Sprengeri, 4-in., good, $6.00 100; 2-in., $2.00. So. Bend Floral Co., South Bend, Ind.

Asparagus Sprengeri, 2-in., 2c; 3-in., very strong, 5c. Cottage Greenhouses, Litchfield, Ill.

Asparagus plumosus, 3-in., strong, $4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus Sprengeri, 2-inch, $1.75 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

ASPIDISTRAS.

Aspidistras, green and variegated, 6 and 7-in. pots, 50c, 75c and $1.00 each. Cash.
Frank Sokol, College St., Worcester, Mass.

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REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Begonia Rex my specialty. Strong, from flats, ready for 4-in. pots, $3.00 per 100; $25.00 per 1000. Louise Closson, Bertha MacGregor and Clementinae, strong, 2½-in. pots, $6.00 per 100. Write for other sizes out of pots.
Chas. A. Moss, Spartanburg, S. C.

Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
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Begonia Gloire de Lorraine, full of buds and flowers, 2½-in., 20c; 3-in., 25c and 30c; 4-in., 40c; 5-in., 50c; 6-in., 75c.
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Rex begonias. A fine asortment of 12 named varieties from 2½-in. pots, strong plants, $4.00 per 100. Virginia Nursery Co., Purcellville, Va.

Choice flowering begonias in five leading varieties, good, stocky 3-in., 5c; 4-in., 10c.
J. H. Milnor & Son, Ada, Ohio.

Rex begonias, 2-in., $3.00 100, $30.00 1000; rubra, large plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Begonia Lorraine, $35.00 and $50.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Begonias, 8 var., flowering, 4-in., extra strong, only 10c. Hammerschmidt & Clark, Medina, O.

Beefsteak begonias, large, 2-in., $1.50 per 100.
Lloyd C. Bunch, Fredonia, Kan.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Jerusalem cherries, 4-in., well berried, $8.00 per 100; 4-in., loaded with red berries, perfect beauties, $15.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Christmas peppers, in 4-in. pots, full of fruit, ripe and green, good plants, $4.00 per 100.
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Christmas peppers, 4-in., ready for 5-in., well branched, stocky, $5.00 per 100.
H. O. Hannah & Son, Sherman, Tex.

Celestial peppers, well berried, 5-in., $3.00 per dozen. Cash with all orders.
Aurora Greenhouse Co., Aurora, Ill.

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SPECIAL CLEARING PRICES.
TULIPS.
SINGLE—Artus, $1.10 per 100; $9.00 per 1000. La Reine, 85c per 100; $7.50 per 1000. Rose Gris de Lin, $1.40 per 100; $12.00 per 1000. Yellow Prince, 85c per 100; $7.50 per 1000.
DOUBLE—Murillo, fancy bulbs, $1.80 per 100; $16.00 per 1000. Tournesol, yellow, $2.00 per 100; $17.50 per 1000.
NARCISSI.
Empress, double-nose, $1.60 per 100; $14.00 per 1000. Golden Spur, $1.40 per 100; $12.00 per 1000. Trumpet Major, $1.00 per 100; $8.00 per 1000.
250 at 1000 rate.
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Just received for Easter forcing, Lilium mult., 7-9, 300 case, $45.00 per 1000.
SURPLUS.
Tulips, single, extra fine, mixed, $5.50 per 1000; double, extra fine, mixed, $6.00 per 1000. Paper White grand., fancy, 14 cm., $10.00 per 1000; 13 cm., $8.00 per 1000.
Currie Bros. Co., Milwaukee, Wis.

Bulbs. Special wholesale price list of native liliums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

Bulbs. Amaryllis, Milla, bessera, zephyranthes, Cooperia. Ask for prices. Wm. Tell, Austin, Tex.

CACTI.

Well established cacti in variety. Ask for prices. Wm. Tell, Austin, Tex.

CALLAS.

Calla lilies, fine started plants, 6-in., $2.00 per doz.; $15.00 per 100.
J. C. Schmidt, Bristol, Pa.

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15000 good, healthy carnation plants. White Perfection, $5.00 per 100; $40.00 per 1000. Craig, $4.00 per 100; $40.00 per 1000. Harlowarden and Queen, $4.00 per 100; $35.00 per 1000.
The Parker Greenhouses, Norwalk, O.

Field-grown carnation plants. To close them out. Enchantress, Winsor, Lawson-Enchantress and Aristocrat, $4.00 per 100; $35.00 per 1000. Cash or C. O. D.
A. M. Schafer, 2129 Balmoral Ave., Chicago.

Carnation rooted cuttings for early delivery. Selected stock of White Enchantress, Winona, Afterglow, Winsor, Red Nelson Fisher, O. P. Bassett and Beacon.
A. C. Canfield, Springfield, Ill.

Carnations, strong, field-grown, first size. Queen Louise, Boston Market, Prosperity and Joost, $4.00 per 100. Cash with order.
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Carnations. You can save money on the cuttings you buy if I am given the order. Send a list of what you want for pricing.
Albert M. Herr, Lancaster, Pa.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, delivery after Jan. 1.
Wanoka Greenhouses, Barneveld, N. Y.

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XMAS TREES AND WREATHS.
Wreaths, holly, arbor-vitae, bouquet green, $10.00 per 100; $1.50 per doz. Norway pine trees, 5 to 6 feet, $2.25 per doz.; 6 to 8 feet, $3.00 per doz; 10 feet, $1.00 each. Norway spruce, 25c to $5.00 each. Special price on large orders. Cash with order, please.
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Primulas in bloom. Giant obconica, strong 5-in., $2.00; Chinese, 5-in., $1.50 per doz. Jer. cherries, loaded with berries, strong 5-in., $2.00 per doz. Ferns, Boston, Scottii, 5, 6, 7-in., guaranteed equal to best 6, 7, 8-in., at 30c, 40c, 65c. Cash.
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WARRICK BROS'. MUM STOCK PLANTS.
The following at 60c per dozen.

WHITE	PINK
Beatrice May	Mrs. M. F. Plant
Miss A. Roosevelt	John Burton
Mrs. Swinburne	YELLOW
Mlle. M. Desjouis	Monrovia
W. H. Chadwick	Director Gerard
Virginia Poehlmann	Jeannie Falconer
Mlle. J. Nonin	Mrs. G. Beech
Timothy Eaton	Appleton
PINK	Golden Chadwick
Pacific Supreme	Nagoya
Mary Mann	Yellow Eaton
Helen Frick	Mary Donnellan

Golden Eagle, $1.00 doz.
Only a few of the above new variety.
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Golden Glow	Col. Appleton
Glory Pacific	A. J. Balfour
V. Poehlmann	Mrs. Clay Frick
Golden Eagle	Mrs. Buckbee
Pacific Supreme	Pres. Roosevelt
Alice Roosevelt	Maj. Bonnaffon
Pennsylvania	Philadelphia
White Bonnaffon	Alice Byron
Oct. Frost	Robt. Halliday
Golden Wedding	Polly Rose
Monrovia	Timothy Eaton
Yellow Eaton	Ivory

And many others. Send for complete list.
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CHRYSANTHEMUM STOCK PLANTS.
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Monrovia	Touset
Maud Dean	Robert Halliday
Alice Byron	White Bonnaffon
Robinson	Maj. Bonnaffon
Ivory	Shaw
Col. Appleton	Golden Wedding
W. H. Chadwick	J. Nonin
Golden Chadwick	J. Jones
Adelia	Dr. Enguehard

The Munk Floral Co., Columbus, Ohio.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, 40c per doz.; $3.00 per 100; $5.00 per 1000; or will exchange for any stock you have.
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A good cutting taken now, grown on, will give more and better cuttings at propagating time than you can get from any but the finest stock plants. We have in sand a fine batch of cuttings of V. Poehlmann, Touset, Chadwick, Eaton, Appleton, Monrovia, Bonnaffon, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

Stock plants of chrysanthemums. Monrovia, Oct. Frost, Touset, Jeanne Nonin, 50c per doz.; $4.00 per 100. A. T. Hey Floral Co., Maywood, Ill.

CHRYSANTHEMUM STOCK PLANTS.
Mrs. Kalb, Timothy Eaton, Estelle, White Bonnaffon, Alice Byron, Lynnwood Hall, Angele Laurent, Desjouis, Glory of Pacific, Mary Mann, Maud Dean, Pink Ivory, Rosette, Amorita, Major Bonnaffon, Cremo, Halliday, Yellow Jones, Golden Glow, Baby, 75 cents per doz.; $5.00 per 100. Golden Eagle and Baby Margaret, $2.00 per doz.; $12.00 per 100. William Swayne, P. O. Box 215, Kennett Square, Pa.

Chrysanthemum stock plants. Golden Glow, Pacific Supreme, Poehlmann, White Cloud, etc., 6c; $5.00 per 100. Kalb, Oct. Frost, Polly Rose, E. Snow, Touset, Ivory, Pacific, Rosiere, Monrovia, Geo. Pitcher, Halliday, P. Ivory, Shaw, Duckham, etc., 5c; $4.00 per 100. Gloria (new light pink), 12c; $10.00 per 100.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemum stock plants. Polly Rose, Glory Pacific, Pink and White Ivory, Monrovia, Oct. Frost, Oct. Sunshine, Amorita, White and Yellow Eaton, White and Yellow Bonnaffon, Maud Dean, Dr. Enguehard, Rosiere and Kalb, $3.50 per 100. Golden Glow, Buckbee and Pacific Supreme, 5c.
Crabb & Hunter Floral Co., Grand Rapids, Mich.

Chrysanthemum stock plants. Polly Rose, Pacific, Halliday, Bonnaffon, Adelia, Byron, Morel, Yellow and White Jones, Enguehard, Queen, Touset, Philadelphia, Dean, White and Pink Ivory, White and Yellow Eaton, Silver Wedding, Chadwick, Mayor Weaver, Lav. Queen, 60c per doz.; $4.00 per 100.
John Walker, Florist, Youngstown, Ohio.

Chrysanthemum stock plants. Golden Glow, Lavender Queen, J. Nonin, Eaton, Enguehard, Shaw, Willowbrook, Omega, Intensity, Sunstone, E. D. Smith, Robinson, White Bonnaffon, Yellow Eaton, Silver and Golden Wedding and Rosiere, 75c per doz.; $4.50 per 100. Cash.
Ullrich's Greenhouse, Tiffin, Ohio.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Chrysanthemums, large stock plants, 4c each. Cash. WHITE—J. Nonin, Moneymaker, White M. Dean. PINK—Pacific, Maud Dean. YELLOW—October Sunshine, M. Bonnaffon, Golden Eagle. Monson State Hospital Greenhouses, Palmer, Mass.

Chrysanthemum stock plants. Pacific, Monrovia, Polly Rose, Opah, Halliday, Touset, A. Byron, Liger, B. May, Ivory, Balfour, M. Mann, N. Pockett, Hutton, Dr. Enguehard, M. Bailey and J. Nonin, $2.50 per 100. Cash.
C. V. Hike, Cortland, N. Y.

Chrysanthemum stock plants. Virginia Poehlmann, $5.00 per 100; Shaw, White Maud Dean, Halliday, Maud Dean, October Frost, W. Bonnaffon, Y. Bonnaffon, Polly Rose, Glory Pacific, C. Touset, Ivory and Kalb, $2.50 per 100.
Lehde & Schoenhut, Gardenville, N. Y.

Chrysanthemum stock plants. Montmort, Kalb, Rosiere, Touset, Shaw, Polly Rose, Pacific. Ivory, Pink Ivory, Bonnaffon, White Bonnaffon, Jones, Yellow Jones, Nonin, Appleton, etc., 5c; $4.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo and Wm. Duckham, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Choice chrysanthemum stock plants. Maud Dean, Dr. Enguehard, Alice Byron, Garza, Ivory, Maj. Bonnaffon and Overbrook, 10c each, $1.00 per doz., $8.00 per 100.
Jul. Koehler & Sons,
5407 Frankford Ave., Philadelphia, Pa.

Stock plants of chrysanthemums. Monrovia, Ivory, White Shaw, Early Snow, 50c per doz., $4.00 per 100, or will trade for rooted cuttings of geraniums.
James Crawshaw, 403 Plainfield St., Providence, R. I.

5000 chrysanthemum stock plants. Dr. Enguehard, Wm. Duckham, Buckbee, Willowbrook, Alice Byron, White Chadwick, White and Yellow Eaton, White and Yellow Bonnaffon, $2.00 per 100. Cash. Ernsberger Bros., Celina, Ohio.

Chrysanthemum stock plants. Kalb, Monrovia, White Fitzwygram, Opah, G. Pacific, Polly Rose, Shaw, Oct. Frost, Halliday, Touset, Josephine, Golden Trophy; also midseason and late varieties, $4.00 100. Wm. Ehmann, Corfu, N. Y.

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Chrysanthemums, strong, healthy stock plants. V. Poehlmann, C. Touset, Pacific Supreme, Golden Dome, Appleton, Lynnwood Hall, Bonnaffon, $3.00 per 100. Cash with order.
H. Heepe's Sons, Akron, Ohio.

Stock plants. Golden Glow, Oct. Frost, 50c; Bonnaffon, White Bonnaffon, 50c; Gloria, new early light pink, $1.50; Pres. Taft, new mid-season white, $3.00. All per doz.
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Chrysanthemum clumps. Golden Glow and Pacific Supreme, $2.00 per doz.; Oct. Frost, Touset, Monrovia, Mrs. Coombs and all standard varieties, $1.00 per doz.
B. F. Hensley, Knightstown, Ind.

Chrysanthemum stock plants. Ivory, October Frost, Dr. Enguehard, Golden Wedding, Mrs. H. Robinson, Roi d'Italie, Golden Glow, 50c per doz.; $4.00 per 100.
Wilson Floral Co., Box 515, Des Moines, Iowa.

CHRYSANTHEMUMS. STOCK PLANTS.
Golden Glow, 5c. V. Poehlmann, C. Touset, Yellow Chadwick, White Chadwick, B. May, Alice Byron, 4c.
Holton & Hunkel Co., Milwaukee, Wis.

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W. H. & C. B. Newman, Akron, N. Y.

Chrysanthemum stock plants. Golden Glow, 4c; Monrovia and White Ivory, 3c. Pompons: Diana, 3c; Lula, Iva, Emo and Quinola, 2c.
W. D. Herrick, Downers Grove, Ill.

Chrysanthemum stock plants. Kalb, Monrovia and Bergmann, 2c. Enguehard, Robinson, Maud Dean, White Bonnaffon and Golden Wedding, 4c.
F. J. Prouty, Spencer, Mass.

Chrysanthemum stock plants. Golden Glow, 5c; Monrovia, Oct. Frost, C. Touset, Alice Byron, Nonin, 4c; six varieties of pompons, 5c.
John S. Leach, Hartford City, Ind.

Chrysanthemum stock plants, 50c per doz.; $4.00 per 100. Estelle, Pacific, Oct. Frost, Monrovia; other kinds later. Cash, please.
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Mums. October Frost, October Sunshine, Monogram, Glory Pacific, stock plants, full of cuttings, to make room, $2.50 per 100.
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Batavia Greenhouse Co., Batavia, Ill.

Mum stock plants. Robinson, White and Pink Ivory, Holst, Ruth Cleveland, Giant Bronze, Boehmer, Intensity, 5c.
Jewell Greenhouse, The Dalles, Oregon.

Chrysanthemum stock plants. Touset, Pacific, Robinson and Enguehard, $3.50 per 100; 50c per doz. Cash.
F. C. Greene, 610 Innis St., Oil City, Pa.

Golden Glow, Pacific Supreme, Polly Rose and Glory of Pacific, stock plants, 25 assorted as wanted, $1.00. Chas. Frost, Kenilworth, N. J.

Chrysanthemum stock plants. Golden Glow, Opah, Touset, Polly Rose and Monrovia, 50c per dozen. A. C. Canfield, Springfield, Ill.

Stock plants, Golden Glow and Pacific Supreme, 5c. W. H. Vance, Wilmington, Del.

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THE REVIEW
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Cineraria hybrida grandiflora, Columbian and Bauscher's Royal mixture, dwarf, giant flowering; strong plants, 2¼ and 2½-in., $2.00 per 100. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cinerarias, Columbian, new Scarlet Queen, Stellata, James' Prize, 3-in., ready for 4-in., $4.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, Columbian mixture, extra fine, 2¼-in., $2.50; 3-in., $3.50; 3½-in., $4.00 per 100. Cash. John Fuhlbruegge, Winona, Minn.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
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Cinerarias, large flowering, dwarf prize, 2½-in. pots, $2.00 per 100. Cash.
E. Fryer, Johnstown, Pa.

Benary's Prize cinerarias, very strong, 2½-in., ready for 4's, $1.50 per 100.
S. C. Templin, Garrettsville, Ohio.

Cinerarias, half dwarf, 3-in., ready for 4-in., fine stock, 3c.
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Cinerarias, 2½-in., ready to shift, $3.00 100.
J. Bader, 43 Ravine St., Pittsburg, N. S., Pa.

Cinerarias, extra fine, 3-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Cinerarias, 2½-in., 3c.
Levant Cole, Battle Creek, Mich.

CLEMATIS.

Clematis, large flowering, red, white, purple and blue, nice stock, 25c; $2.00 per 10.
Clematis paniculata, profuse white, hardy, ornamental, fragrant and reliable in every way; a large stock of very fine plants, $1.00 per doz., $6.00 per 100, $50.00 per 1000.
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Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

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Coleus rooted cuttings, clean, well rooted. Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000. Fine for stock plants. Cash.
Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, best varieties, strong rooted cuttings, 50c per 100; $4.50 per 1000.
Thompson & Sons, Sta. D., R. R. 1, Milwaukee, Wis.

Coleus, 20 best varieties, rooted cuttings, 60c; 2½-in., $2.00 per 100.
Curtis Floral Co., Hampton, Iowa.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CYCLAMEN.

Cyclamen giganteum superbum, new English strain, larger flowers than any other, 10 varieties, Rococo, in all colors, 4 strains of the new salmon shades, new fringed and frilled, all that is best, nicely budded, 3-in., ready for 4-in., $7.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, fine stock, 2½-in., $5.00; 3-in., $8.00 and $10.00; 4-in., $12.00, $18.00, $25.00; 5-in., $35.00 and $50.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen giganteum, mixed colors, 3-in., $6.00; 4-in., extra strong stock, $15.00. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, extra well grown and budded plants, from 4-in. pots, $15.00; 5-in. pots, $25.00 per 100. Paul Mader, East Stroudsburg, Pa.

Cyclamen, which took the first prize in the Milwaukee flower show. They are in full bud and bloom, 4, 4½, 5, 5½, 6-in. pots. Ask for prices. Carl Meier & Co., Green Bay, Wis.

Cyclamen persicum giganteum, nice stock, transplanted on benches, $3.00 per 100. Cash. Mail or express, charges prepaid.
E. Fryer, Johnstown, Pa.

Cyclamen persicum giganteum, large flowering, all colors, 3-in., $5.00 per 100; 4-in., $10.00 per 100; 5-in., $15.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cyclamen persicum giganteum, 4 colors, strong 3½ and 5-in., $8.00 and $20.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Cyclamen, best giant strain, 5 separate colors or mixed, strong, stocky plants, from 3-in., 7c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Cyclamen giganteum, mixed, 3-in., 7c; 4-in., 10c. M. M. Lathrop, Cortland, N. Y.

DAHLIAS.

Dahlias. Jack Rose, Fringed Twentieth Century, Rose-pink Century and Big Chief, $3.50 per doz., $25.00 per 100. Virginia Maule, $4.00 per doz., $35.00 per 100. Write for special prices on best standard cut flower dahlias.
Peacock Dahlia Farms, Williamstown Junction, N. J.

Dahlias, field-grown clumps, will divide in 3 to 5 eyes, and will make 3 to 5 plants in the spring; Catherine Duer, fine red, and Clifford Bruton, fine yellow, $5.00 per 100. Cash with order. Ralph Hornor, Mt. Holly, N. J.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

Dahlias. Have a surplus of the following varieties, field clumps: Gen. Buller, Queen Victoria, Catherine Duer, A. D. Livoni, H. Lyndhurst, Camelliaeflora, 75c doz.; $5.00 per 100.
W. A. Finger, Hicksville, N. Y.

Dahlias, choice named varieties. Special prices on application.
Mosbæk Greenhouse Co., Onarga, Ill.

Florists' vars. of dahlias, cheap. Also gladiolus. C. H. Ketcham, N. S. D., South Haven, Mich.

DAISIES.

Daisies, bellis, double white and pink, $2.00 per 1000. California Giant, winter flowering, white and yellow, 2½-in., $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Paris daisies, yellow and white, 2-in., 1½c. Snowball and Longfellow, $2.00 per 1000. P. daisy, Etoile d'Or, rooted cuttings, 1c. Cash.
Byer Bros., Chambersburg, Pa.

Hardy daisies, Chrysanthemum maximum, better than Shasta. Strong divisions of same, $3.00 per 100; $25.00 per 1000.
W. A. Finger, Hicksville, N. Y.

Double daisies or bellis, mixed, $2.50 per 1000. U. G. Harglerode, Shippensburg, Pa.

DRACÆNAS.

Dracaena indivisa, 3-in., 5c; 4-in., 12c. Fine, field-grown stock, ready for 5 and 6-in. pots. Special prices on application.
Mosbæk Greenhouse Co., Onarga, Ill.

Dracaena indivisa, 2-in., ready for 3-in., $2.50 per 100; 3-in., good, strong plants, $4.00 per 100. Cash.
P. N. Obertin, 567 Chicago St., Kenosha, Wis.

FERNS.

FERNS FOR FERN DISHES, best stock, largest assortment; 2¼-in., $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000.
FERN SEEDLINGS, in 10 best fern dish varieties, strong healthy stock, ready for potting, $1.25 per 100; $10.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.
ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.
Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

Ferns. Whitmani, Elegantissima and Piersoni, 4-in., $15.00 per 100. Amerpohlii, 3-in., 10c; 4-in., 20c. Extra fine Superbissima, 5-in., 50c. This is the finest new fern we ever tried. Our stock is fine.
Andrew Peterson, Hoopeston, Ill.

Ferns. Place your order now for ferns, largest stock and prices lowest considering quality. Whitmani, Elegantissima, Boston, Barrowsii and Piersoni, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

Ferns. 7 8-in. plumosus, 30c each; 24 4-in., 8c each. 9 8-in. Whitmani, 75c each; 60 4-in., 10c each. 200 Boston, 4-in., $12.00 100. 60 Piersoni, 4-in., 8c each. Cash, please.
Mrs. R. Whitehead, Box 306, Hammond, La.

Amerpohlii ferns, 3-in., 10c; 4-in., 20c; 5-in., 40c; 6-in., 70c; 7-in., 85c. Piersoni, 4-in., 15c; 5-in., 25c; 8-in., $1.00. All good stocky plants. 4-in. plumosus, $15.00 per 100.
J. H. Milnor & Son, Ada, Ohio.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St., N. S., Pittsburg, Pa.

Ferns. Boston and Barrowsii, from bench, for 5-in. pots, $15.00 per 100; Barrowsii, 5-in. pots, extra heavy, $20.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Ferns. Scottii, 2¼-in., 5c; 3-in., 10c. Whitmani and Elegantissima, 3-in., 10c. Boston and Piersoni, 3-in., 8c; 4-in., 12½c.
Mosbæk Greenhouse Co., Onarga, Ill.

Boston ferns from bench, for 4 and 5-in. pots, for immediate delivery. Nephrolepis exaltata, Nephrolepis Scottii, $15.00 per 100.
Fowler Bros., Westfield, Mass.

Ferns. Whitmani, 2½-in., 4c; 4-in., 20c; 5-in., 35c; 6-in., 50c. Barrowsii, 4-in., 15c; 5-in., extra, 35c; 7-in., heavy, 75c.
A. J. Baldwin, Newark, Ohio.

Boston ferns, from bench, 5-inch, 15c; 6-in., 25c. None but good stock that will make salable 5 and 6-inch plants.
P. Pearson, 1725 N. Campbell Ave., Chicago.

Ferns. Boston, 5-in., $35.00 per 100; 6-in., $50.00 per 100. Elegantissima, 5-in., $35.00 per 100; 6-in., $50.00 per 100.
Storrs & Harrison Co., Painesville, O.

FERN RUNNERS. Whitmani, Amerpohlii and Elegantissima runners, strong and healthy, $1.50 per 100. Cash with order.
J. T. Cherry, Athens, Ill.

Ferns. Boston, Scottii, Whitmani, Piersoni rooted runners, $1.50 per 100, $12.00 per 1000; 250 at 1000 rate. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

500 Whitmani ferns, for 5, 6-in. pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Whitmani ferns, 6-in. pots, $5.00 per doz.; 7 and 8-in., 75c and $1.00 each; cut fronds, $2.00 per 100.
Davis, Florist, Shawmut Ave., New Bedford, Mass.

Boston ferns, good, strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Ferns. Boston, 8-in., $5.00 per 100; 5-in., $20.00 per 100. Stock in good condition.
Addems, Morgan & Co., Loda, Ill.

20,000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Dwarf ferns for fern dishes, 6 best sorts, in fine conditions, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

20000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Boston ferns, stock plants, $10.00 to $15.00 per 1000. F. L. Otto, 2131 N. Kedzie Ave., Chicago.

Ferns. Surplus of 4 and 5-in., fine stock, prices right. Herms Floral Co., Portsmouth, O.

Boston ferns, 5-in., 20c. Any size, price low. W. B. Woodruff, Florist, Westfield, N. J.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

Boston ferns, very strong, 4-in., $20.00; 5-in., $30.00. Kemble Floral Co., Oskaloosa, Iowa.

Ferns, assorted, for dishes, 2½-in., $3.00 100.
McRae-Jenkinson Co., Cheswick, Pa.

FORGET-ME-NOTS.

1000 forget-me-nots, winter flowering, blue, in 2½ and 3-in. pots, $2.50 per 100. Cash with order. R. Pritchard, Astoria, L. I., N. Y.

Forget-me-nots, hardy, blue; fine plants, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong and well rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

GENISTAS.

Genistas, nicely trimmed plants, in good shape for Easter flowering, 5-in., $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas, strong 4-in. stock, $15.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

GERANIUMS.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted, $1.25 per 100; $12.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelties, Red Wing and Mrs. Annie Vincent, 25c each, $2.50 per doz. Write for geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Geraniums. Orders booked for November and December delivery. Gloire de France, La Favorite, Ricard, J. J. Harrison, Eugene Sue, Roseleur, Trego and others, at $1.25 per 100; $10.00 per 1000. Alliance, Richmond Beauty, Sir Fred Trevor and Variegated S. A. Nutt, $5.00 per 100. Addems, Morgan & Co., Loda, Ill.

Large, well rooted geranium cuttings. S. A. Nutt and Buchner, $10.00 per 1000. Poitevine and Ricard, $12.50 per 1000. Ready now; can ship at once. All orders receive my personal attention. Cash with order. See display adv.
C. F. Treichler, Sanborn, N. Y.

Geranium rooted cuttings. Nutt, Buchner, $10.00 per 1000. Orders booked for later delivery. Ricard, Poitevine, Castellane, Jaulin and others, $12.50 per 1000. All strong, well rooted, the right kind of cuttings. Cash.
Rudolf Nagel, Lancaster, Pa.

Geraniums. Well rooted cuttings of S. A. Nutt, Perkins, Montmort, Buchner and Castellane, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order. C. B. Shisler, Williamsville, N. Y.

Silver-leaved Nutt, rooted cuttings, $5.00 per 100; 2½-in. pots, $8.00 per 100. Rose geranium cuttings, $2.00 per 100; $15.00 per 1000. Jacob Russler, 114th & Avon Ave., Morgan Park, Ill.

Geraniums. 1500 Double Grant, strong, stocky plants, from 2-in. pots, $2.00 100; $18.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

100,000 geranium rooted cuttings. Nutt, Poitevine, Mme. Landry, Vera Vend, Jean Viaud, Mme. Barney, Heteranthe, La Favorite, L'Aube and Mme. Jaulin, $1.25 per 100; $10.00 per 1000.
The Parker Greenhouses, Norwalk, Ohio.

Geraniums. I want your trade. A trial order will convince you that my cuttings are grown to give you good plants. S. A. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Geranium rooted cuttings. Orders booked for delivery about Dec. 1. Viaud, B. Poitevine and S. A. Nutt, $1.25 100, $10.00 1000; 500 at 1000 rate. Cash with order, please.
Fred C. Greene, 610 Innis St., Oil City, Pa.

Geraniums, September struck, from 2½-in. pots. 700 Marvel, 400 Jean Viaud, 400 Buchner, white, 400 B. Poitevine, $2.00 per 100. Clean, stocky goods that will suit you.
C. F. Mahan, R. D. 8, Dayton, O.

Geranium rooted cuttings. Grant, Nutt, Buchner and others, $1.00 per 100; $10.00 per 1000. Henderson, Dryden, Ricard, Viaud and others, $1.25 per 100; $12.50 per 1000.
C. H. Puhlman, Carnegie, Pa.

Geraniums. Rooted cuttings of S. A. Nutt, dble. Grant, Mme. Buchner, Perkins, $1.25 100, $10.00 1000; 4000 2½-in., $2.50 100; 3000 4-in., $5.00 100. Excellent stock.
M. M. Lathrop, Cortland, N. Y.

Geraniums Ricard, S. A. Nutt, Buchner, from 2½-in. pots, extra fine lot of strong, cool-grown plants, $2.25 per 100; $20.00 per 1000. Order now.
J. R. Brooks, Oxford Depot, Orange Co., N. Y.

100,000 select top cuttings, well rooted, of Nutt, Buchner, La Favorite, Poitevine, Viaud, Perkins, Ricard, Doyle and Duc de Montmort, $12.00 per 1000. D. R. Herron, Olean, N. Y.

Geranium rooted cuttings Nutt and La Favorite, $10.00 per 1000; Poitevine and Ricard, $12.50 per 1000; Poitevine alone, $15.00 per 1000. G. E. Fink, Roselle, N. J.

Geranium rooted cuttings, Nutt, Buchner and Grant, $1.25 per 100, $10.00 per 1000; 2 and 2½-in. pots, $2.00 per 100. Ready now. Cash.
W. C. Myers & Sons, Box 581, Scottdale, Pa.

Geraniums. Buchner, Poitevine, Jaulin, Nutt, Chas. Gervais, Henderson and Montmort rooted cuttings, $1.25 100; $12.00 1000.
Chas. Frost, Kenilworth, N. J.

Geranium rooted cuttings. Poitevine, Viaud, Castellane, $12.00 per 1000. Nutt, Buchner, $10.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Geraniums. Strong, well rooted top cuttings of Mme. Buchner, $10.00 per 1000. Cash with order.
L. D. Eastman & Sons, 1800 E. 77th St., Chicago.

Geraniums, S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geraniums. S. A. Nutt, 2½-in. pots, strong and vigorous, $2.25 per 100; $20.00 per 1000.
Fowler Bros., Westfield, Mass.

Geraniums. S. A. Nutt, La Favorite, Poitevine, Ricard and Bruant, 2½-in., 2c each.
F. J. Prouty, Spencer, Mass.

S. A. Nutt geraniums, 2½-in., ready for shift, $2.25 per 100; $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geranium rooted cuttings, ready now. 15,000 Nutt, $1.00 per 100; $10.00 per 1000.
Jacob Doerrer, R. R. 1, Columbia, Pa.

Geranium rooted cuttings. Nutt, Ricard and Poitevine, $12.50 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Geraniums, the cream of the bedders. See display adv. John Irvine & Sons, Bay City, Mich.

Geranium rooted cuttings of S. A. Nutt ready, $10.00 per 1000. E. A. Muchow, Clarence, N. Y.

Geraniums, La Favorite, 4-in., 10c each.
Mosbæk Greenhouse Co., Onarga, Ill.

GLADIOLI.

100,000 gladioli, $4.00 to $7.00 per 1000, if taken from the field. Silver Trophy, Sec. 2, Groff's hybrids, mixed seedlings and named sorts. Also small bulbs and bulblets cheap. Send for lists.
G. B. Babcock, Route 80, Jamestown, N. Y.

Gladioli, new forcing, Pink Beauty, great bloomer, $2.50 per 100; $20.00 per 1000. America, May, light mixtures, etc. Cash.
F. H. Stevens, Grower,
143 Superior St., Saginaw, W. S., Mich.

Gladioli, good stock, price right on fall delivery. S. Huth, Cuyahoga Falls, Ohio.

Augusta gladiolus, all sizes. Also dahlias.
C. H. Ketcham, N. S. D., South Haven, Mich.

HELIOTROPES.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, blue, fine, 2-in., 1½c. 10% disc. on all plants now. Cash. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

Dark heliotropes, 3-in., fine stock, 4c.
U. G. Harglerode, Shippensburg, Pa.

HOLLY.

HOLLY.
Have 6 years' experience in packing holly. Parties wanting choice Virginia holly can have their wants supplied by writing
T. J. Eubank, Brown's Store, Va.

Holly wreaths. Box holly. Holly wreaths a specialty, in large and small quantities. Selected box holly. Write for prices.
H. E. Conwell, Milton, Del.

HOLLYHOCKS.

Hollyhocks, 4 colors, 1st size, sure to bloom, 2c; 2nd size, 1c. Cash. 10% disc. on all plants now. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Hollyhocks, double yellow, pink and white, $15.00 per 1000; single, mixed, $10.00 per 1000. Spring sown. Cash.
Byer Bros., Chambersburg, Pa.

Double hollyhocks, 6 separate colors, $15.00 per 1000. Large, one year roots.
U. G. Harglerode, Shippensburg, Pa.

HYDRANGEAS.

Hydrangea Otaksa, field-grown, strong, well shaped plants. Pot now for Easter blooming. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c; 4-crown, 12c; 5-crown, 15c; 6-crown, 18c; 7-crown, 20c; 8-crown and over, 25c.
Baur Floral Co., Erie, Pa.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, for next spring flowering, sturdy plants from 3-in. pots, $5.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

Hydrangea Otaksa, 3-in. pots, $5.00 per 100; 6-in. pots, $25.00 per 100. Hoffman Bros., 768 Glisan St., Portland, Ore.

Hydrangea Otaksa, 3-in., strong, 4c; 4-in., $6.00; some fine 6 and 8-in., 35c each.
Cottage Greenhouses, Litchfield, Ill.

Hydrangea Otaksa, 3½-in., 6c.
Levant Cole, Battle Creek, Mich.

IRISES.

Iris hexagona, $3.00 per 100; $20.00 per 1000.
T. K. Godbey, Waldo, Fla.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

Iris, all types. Very select list.
C. Betscher, Canal Dover, O.

LANTANAS.

Lantanas, 4 kinds, fine 2-in., 1¾c. Cash. 10% disc. on all plants. List. Shippensburg Flo. Co., E. W. Byer, Prop., Shippensburg, Pa.

Lantana rooted cuttings, mixed, now ready, at 1c. H. S. Brandt, 141 Spruce St., York, Pa.

Lantanas, trailing, 2-in., 2c; 3-in., 4c.
Cottage Greenhouses, Litchfield, Ill.

LEOPARD PLANTS.

Leopard plants, 3-in., 6c.
Levant Cole, Battle Creek, Mich.

LILACS.

1000 lilacs, strong, for forcing; best varieties, 5 to 8 canes, 30c; 9 to 15 canes, 40c.
A. I. ANDERSEN,
1200 Milwaukee St., Portland, Oregon

LILY OF THE VALLEY.

Lily of the valley, Bruns' celebrated Chicago Market brand, for Xmas forcing, $15.00 1000; $1.75 100. Berlin pips, early forcing variety, $1.50 100; $13.00 1000. Fancy cut valley always on hand. Bruns, 3040 Madison St., Chicago.

MISTLETOE.

Mistletoe. Silliman's Every Sprig Berried Brand, costs no more; quality considered, worth double. Write for prices. Eighteenth year.
A. B. Silliman & Co., Boone, Iowa.

MOONVINES.

Well rooted moonvine cuttings, extra good, $1.50 per 100. Stuart & Haugh, Anderson, Ind.

NURSERY STOCK.

20,000 cut-leaved weeping birch, all sizes. Write for cash price on size and number wanted.
W. & T. Cass, Geneva, N. Y.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ORCHIDS.

Boxes of ASSORTED ORCHID FLOWERS, $5.00 and upward.
Wheeler & Co., Waban, Mass.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

Palms. A grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened, clean plants, the best we ever saw. Extra good value. We have plenty of them. 36 to 40 in. high, $3.50 each; 40 to 44 in., $4.50; 44 to 48 in., $6.00. Kentia Belmoreana, 4-in., ready for sales or growing on, well shaped little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz., $30.00 per 100.
Storrs & Harrison Co., Painesville, O.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

Pandanus Veitchii, fine plants, 6-in., $1.00 each; $12.00 per doz.
F. Oechslin, 4911 Quincy St., Chicago.

Pandanus Veitchii, well colored, 7-in., $1.00. Cash with all orders.
Aurora Greenhouse Co., Aurora, Ill.

Palms. Pandanus Veitchii, nice 4-in. stock, $5.00 per doz.
Henry Engler, 4651 Lancaster Ave., Phila., Pa.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

Palms. Latania borbonica, 5-in., good stock, 18c. Gilbert Costich, Rochester, N. Y.

PANSIES.

This is the way we select our seed plants. If a plant, in the field, produces a bloom three inches or more in diameter and of fine texture, form and color, we stake it and, if the second bloom equals or exceeds it, we transfer to the seed beds. We want you to try these thoroughbreds, grown from our own seed. 100 plants, 50c; 1000 plants, $4.00. Cash.
Steele's Giant Pansy Gardens, Portland, Ore.

600,000 PANSIES.
Brown's extra select, superb, giant, prize pansy plants, the best improved strain on the market, for size and colors unsurpassed. Fine, stocky plants, $2.50 per 1000; $20.00 per 10,000. Cash with order.
PETER BROWN
124 Ruby St., Lancaster, Pa.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
Gustav Pitzonka, Pansy Farm, Bristol, Pa.

150,000 pansies, finest mixture of real giants. Strong, stocky plants, $2.50 per 1000, $10.00 per 5000; also 5 separate colors, $3.00 per 1000, $12.00 per 5000. Cash.
Rudolf Nagel, Lancaster, Pa.

Sweet scented strain of real Imperial Giants. Stocky, heavily rooted, field-grown, the finest cut flower and exhibition pansy, 40c per 100; $3.50 per 1000.
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NEWS NOTES.

Freeport, Ill.—The Freeport Floral Co., which was incorporated some months ago by Louis Bauscher, D. C. L. Mease and Chas. H. Little, will occupy a large, handsome room in the new Alfred Frueh building, on Stephenson street.

Beaver Falls, Pa.—E. C. Wagoner, whose greenhouses are located on the Darlington road a short distance from this city, has been suffering for several weeks from a severe illness and general physical prostration, but is now recovering.

Richmond, Ind.—Fred H. Lemon & Co. held a chrysanthemum show in the Starr piano salesrooms, at the corner of Tenth and Main streets. The show continued for two days and attracted large crowds of people. Mr. Lemon's pompon mums won several prizes at the St. Louis show.

Kansas City, Kan. — James Brough, who bought the business of A. T. Holmes, at 708 Minnesota avenue, has now removed to 812 Minnesota avenue and is nicely established in his new store. Mr. Brough is an experienced florist and was with J. S. Short, at 512 North Sixth street, this city, eleven years ago.

Fond Du Lac, Wis.—Bush & Broome have purchased the Boulay greenhouses, formerly used for vegetables, and are now growing a line of florists' stock. Mr. Broome was previously a retail florist at Stevens Point, Wis. The Veraus & Bauer Shoe Co. is now handling cut flowers and plants, at the old Johannson store, as a side line.

Minneapolis, Minn.—Topel & Giebels, a newly organized firm, have opened a store at 328 First avenue. Mr. Giebels has just completed a large job of landscape work at Grand Rapids, and more work of the same sort has been promised to him in that city, including one contract which requires the planting of something over 2,000 shrubs next spring.

Kingston, N. Y.—David Burgevin has been elected, on the democratic ticket, as supervisor in the seventh department of the city. This result is considered a particularly emphatic endorsement of Mr. Burgevin, since his district is strongly republican. He was born in this city, has built up a good business here and the voters were well acquainted with the man they were supporting.

Connellsville, Pa.—P. R. De Muth & Sons have incorporated with $20,000 capital stock. At a recent meeting of the stockholders P. R. De Muth, C. E. De Muth, A. N. De Muth and J. A. De Muth were elected directors and then elected the following officers: President, P. R. De Muth; vice-president, C. E. De Muth; secretary and treasurer, A. N. De Muth; manager, J. A. De Muth.

Logansport, Ind.—Gustav Minx, the florist at the Longcliff institution, gave his annual flower show Tuesday and Wednesday, November 9 and 10. As Mr. Minx had previously announced, the display of flowers was not as large as last year, but more select in character, as he had decided to give his attention to a comparatively few choice specimens. The visitors from the city were received on the afternoons of the two days, and the patients attended in the evenings.

CAPITOL BOILERS

EASY TO HANDLE



That's one good reason why Capitol "Divided Sections" are so popular.

A very good reason, too, when you consider that this means a saving of labor.

Keep this in mind when considering your new boiler.

Catalogue.

United States Heater Company.

General Offices and Works, Fort Street and Campbell Avenue, DETROIT, MICH.

BRANCHES:—New York, 129 Worth St. Chicago, 34 Dearborn St. Omaha, 916 Farnam St. Detroit, 139 Jefferson Ave. Kansas City Office, 413 N. Y. Life Bldg.

SALES AGENCIES:—Minneapolis, Minn., Plumbing & S. F. Supplies Co. St. Louis, Mo., L. M. Rumsey Manufacturing Co. Denver, Colo., Kellogg & Stokes Stove Co. Duluth, Minn., Duluth Plumbing Supply Co.

Mention The Review when you write.

Greenhouse Heating.

The coal trade reports that the car shortage is passing.

If your heating apparatus does not work as well as it should, send the Review a careful description of it. We will give you the advice of a practical man and it may save you a good bit of fuel money.

This season a new line is appearing in the catalogues of those houses that make an effort to list a complete line of growers' supplies. The new line is pipe joint compound and iron repair cement. The pipe joint compound makes a tight joint but one that comes apart easily; the iron cement stops leaks in boilers and pipes. There are several manufacturers of these useful articles, but only one, the Alan H. Tripp Co., has thus far appreciated how glad greenhouse owners would be to know about them, and as a result is getting its line into all the big supply catalogues.

LETTUCE AND CARNATIONS.

I am figuring on erecting a range of two houses, running east and west. House "A," the south house, will be 18¼x75 feet, and the south or exposed wall will be four and a half feet high. House "B" will be 14¾x75 and seven feet high to the gutters. Both houses will measure eleven feet three inches to the ridge. I intend to use house "A" for lettuce and house "B" for carnations and other flowers.

I should like a little more light on the heating proposition. Will you, therefore, please advise me what horse-power of boiler to use; what size of pipe and how arranged; what make and kind of boiler to use, whether for steam or hot water, and the probable cost of the whole outfit? Any information you can furnish will be greatly appreciated. I am located in northern Ohio. O. A. C.

For a temperature of 50 degrees, which will answer for lettuce and for most varieties of carnations, about 800 square feet of radiating surface will be required, if hot water, which will generally be preferred for a range of this size, is used. It will be found most economical of fuel if a boiler with a rating of 1,000 square feet is used. The estimate is made with the understanding that there is no glass in the side walls.

To heat house "A" to 50 degrees it

SMITH, LINEAWEAVER & CO.

COAL

Anthracite, Bituminous, Coke and Gas Coal

West End Trust Building. Philadelphia

Mention The Review when you write.

DO YOU KNOW ABOUT THE

Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO. 283 Dearborn St. CHICAGO

Mention The Review when you write.

BUY THE
Taylor Automatic RETURN TRAP



AND SAVE MONEY
Write for our **Guarantee and Best Prices**
TAYLOR STEAM TRAP CO.
BATTLE CREEK, MICH., U. S. A.

Mention The Review when you write.

will be well to use two 2½-inch flow pipes, carried either upon the plates or truss rods, and seven 2-inch returns on the walls will answer as returns. Of these, four should be upon the outer wall. In house "B" use two 2½-inch flow pipes and five 2-inch returns.

The cost of installing the plant cannot be closely estimated, as the kind of boiler used would make quite a difference, and the discounts that could be obtained upon the boiler and the piping would vary so much in different places as to make an estimate of little help. The best way to ascertain the cost is to obtain bids from two or three reputable firms.

TWO OHIO HOUSES.

We expect to build two greenhouses in the spring. The houses will run east and west. The south house will be used for lettuce and the north one for carnations. The lettuce house will be 19x75 and the south wall will be four feet high, with three feet of glass. The carnation house will be 14x75, with a wooden wall on the north side. The west end of both houses will be built against a shed, but at the east end there will be glass above a 3-foot wooden wall. The ridge in both houses will be eleven feet high and the partition wall will be glass.

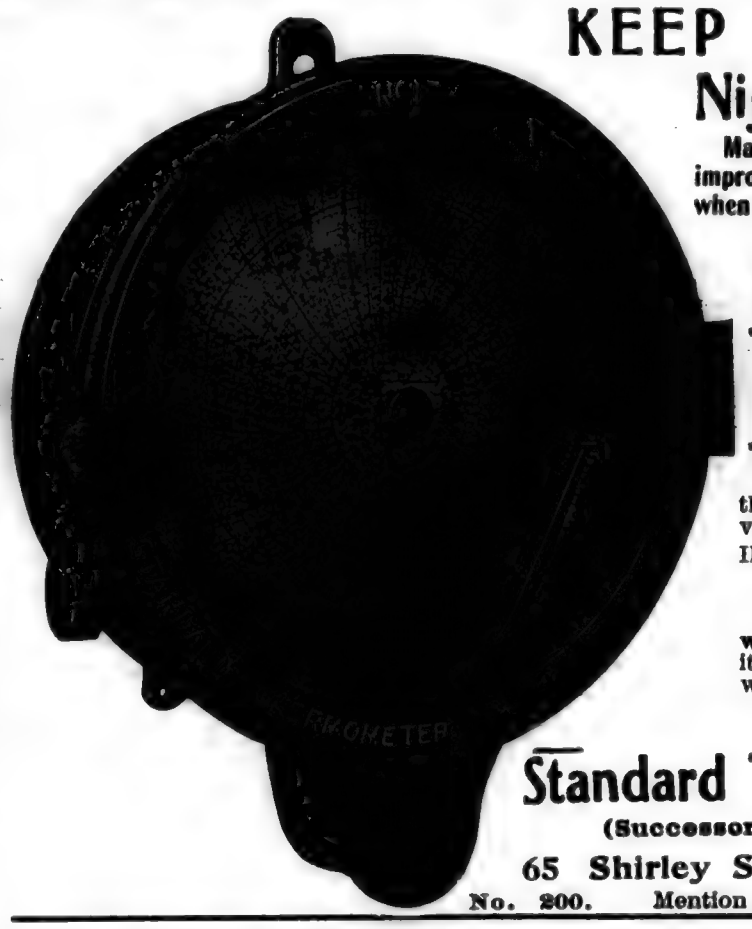
Kindly give me the best plan for heating these houses. We have a Wilks boiler, 36x42, rated at 1,450 feet of 4-inch pipe. Will it answer the purpose, and will it also be sufficient for an extra house, 14x75, to be joined to the north side? What do you think of the plan of making the south wall glass to within one foot of the ground? Would you make the north wall solid, as we propose? If we use two benches, with a walk between them and a narrow walk along the side walls, will we thus have a convenient arrangement and utilize as much space as possible? D. A. A. C.

To heat these houses and an additional house 14x75 feet will require about 1,200 square feet of radiation. This is somewhat under the rating of the boiler named, which would undoubtedly maintain a temperature of 50 degrees in the three houses, but it would be rather more economical of fuel if a boiler with a somewhat larger rating could be secured. The arrangement of the benches so as to allow a narrow walk along each side wall,

KEEP TAB ON THE Night Temperature

Many a grower has found an immediate improvement in the quality of his stock when he put in our

IMPROVED
Recording THERMOMETER



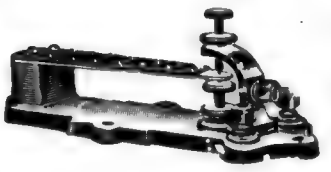
It tells in the morning just how the temperature in the houses has varied during the night.
Illinois State Florists' Association.

Edwardsville Ill., Oct. 28, 1909.
The Recording Thermometer is working o. k. I would not part with it for twice the cost. Send me $1.00 worth of charts for the same.
J. F. Ammann.

Send for Prices.

Standard Thermometer Co.
(Successors to PARKER MFG. CO.)
65 Shirley Street, BOSTON, MASS
No. 200. Mention The Review when you write.

No More Ruined Stock
No More Sleepless Nights



This little ADJUSTABLE THERMOSTAT does the work. Set the instrument at the minimum temperature wanted. It will ring a bell at the head of your bed when that temperature is reached.

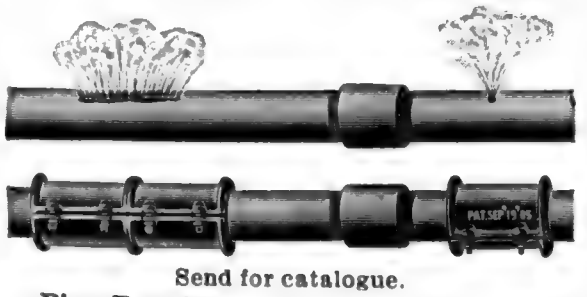
Loyd C. Bunch, of Fredonia, Kan., writes: "I have used this kind of Thermostat four years and it has never failed. I set it at the minimum temperature I want, and go to bed and sleep soundly until my bell at the head of my bed wakes me."

Complete outfit, only $2.50

Includes Thermostat, alarm bell, 2 dry battery cells, 150 ft. insulated wire, switch, tape and staples. Full instructions for installation with each outfit. Anybody can put it up.

Manhattan Electrical Supply Co.
188 Fifth Ave., CHICAGO, ILL.

Leaks Ruin Stock
Don't Have Them
Our Emergency Pipe Clamps
are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



Send for catalogue.
Pipe Repairs and Steam Specialties
JAMES McCREA & CO.
Manufacturers
558-560 Washington Blvd. CHICAGO
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THE SUPERIOR GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of
GRATE BARS
both rocking and stationary
Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.
Send for catalogue and prices.
Superior Machine and Boiler Works
840-850 West Superior St., CHICAGO
L. D. Phone, Monroe 1008.
Mention The Review when you write.

with a walk through the center of the house, will be quite satisfactory, as will the use of three feet of glass in the south wall of the lettuce house, in which the crop is evidently to be grown in the ground or upon slightly raised beds.

For the lettuce house use two 2½-inch flows and eight 2-inch returns, and in the carnation house two flows and five returns.

A RANGE OF FOUR HOUSES.

We are building four greenhouses, two of them 16x100 and the other two 20x100, and intend to heat them with hot water. The houses run from northeast to southwest. The southeast side is four and a half feet high, with eighteen inches of glass and the lower part cement. The two 16-foot houses each measure nine feet to the ridge. We have planned to use a 3-inch flow on each side, running them on the side walls, giving them a rise of twelve inches to the back end and connecting with five rows of 2-inch pipes, to return on each side below the benches. Would that be enough piping to keep the temperature up to 70 degrees in the coldest nights, here in southeastern Pennsylvania?

The two 20-foot houses are eleven feet to the ridge. In these houses we propose to put six rows of 4-inch pipes, to keep a temperature of 55 degrees. Is our plan a good one? J. C. F.

The use of two 3-inch flow pipes would take care of the radiation required in the 16-foot houses, and five rows of 2-inch pipes upon each side of the houses in the return coils would keep the temperature up to 70 degrees in the coldest weather in your state.

In the 20-foot houses the use of six 4-inch pipes, as proposed, would maintain 55 degrees, except in the coldest weather, and then it should not drop below 50 degrees.

IN WESTERN NEW YORK.

How many runs of 2-inch returns and what size of main will I need to heat my greenhouse to 60 degrees in zero weather, with hot water heat? The house is 21x50, fourteen feet to the ridge and six feet to the gutters. Three feet of the sides is glass and three feet double boarded, with paper between. The house runs north and south. The north end is protected by a workshed; the south end is glass. I will use three raised benches and one solid bed. A. M. D.

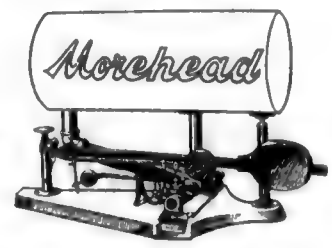
For a house twenty-one feet wide and with three feet of glass in each side wall, it will be advisable to have three 2½-inch flow pipes and fourteen 2-inch returns. One of the flows and four returns could be carried on each wall. The other flow can be under the ridge or on the purlin, as preferred, and two of the returns could be under each bench.

BUFFALO.

The Market.

Mild weather still prevails and as yet there is no frost in the ground. Chrysanthemums still reign supreme and are selling fine for Thanksgiving. The medium grades are the most sought after and stock will be none too plentiful when the big rush comes. Roses have been scarce the past week, as have been carnations. Valley and orchids are exceedingly scarce, and it was hardly possible to get an orchid flower the early part of the

See That YOUR Steam Trap is a



THE **Morehead** is the **Standard** Trap in the Florists' field. There are more **Morehead** Steam Traps installed in greenhouses than of all other types of traps combined. To be a **Morehead** user is to be a thoroughly satisfied user.
Write for trial proposition and ask for "**Trap Book.**"

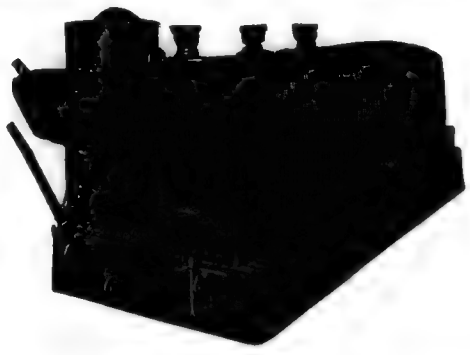
MOREHEAD MFG. CO., Dept. M, Detroit, Mich.

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THE KROESCHELL BOILER

IS THE ONLY PERFECT

Hot Water Boiler



Not Cast Iron

Has thin waterways. Heats quickly. It is the most efficient, safest and most economical boiler built. **Very powerful.** 15 sizes, heating from the smallest greenhouse up to 50,000 square feet of glass to 60 degrees, at 15 degrees below zero.

Prices and catalogue on application.

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Pipe Fittings -- Imico Boilers

FOR GREENHOUSE WORK

ILLINOIS MALLEABLE IRON CO.

1801-1825 DIVERSEY BOULEVARD — CHICAGO

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High-Grade Boilers

Get Our Catalogue For GREENHOUSES
STEAM and HOT WATER

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Recording Thermometer



Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed.
Size 14 x 20 in., price $30.00
" 9 x 14 in., " 20.00

THE DRAPER MFG. CO., 152 Front St., New York

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Tobacco Paper
Is the
STRONGEST,
BEST PACKED,
EASIEST APPLIED
24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" LIQUID
Furnishes the Most
Nicotine for the Money!
Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine
By far the
CHEAPEST.
Just Note Prices!
Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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WILKS
Hot Water Boilers
— Are —
The Most Economical Boiler
for Greenhouses
No night fireman required with our Self-feeding Hot Water Boilers.
Send for Catalogue and Prices
S. WILKS MFG. CO.
3523 Shields Ave., CHICAGO

Mention The Review when you write.

week. Plants will be used very much this year, as there are many begonias and cyclamen on the market now. Stock for Christmas is rounding into shape nicely, with nearly everybody.

Various Notes.

Joe Streit is quite proud of his place just now, taking special delight in showing his visitors his begonias.

William F. Kasting is very busy these days, as he is the head of a monster carnival, reproducing Buffalo as it was in 1832.

The bowling club still meets with regularity and up to date no one has been able to pass Charles Sandiford for the high honors. R. A. S.

PITTSBURG.

The Market.

Spring-like weather and an abundance of flowers are the conditions which the wholesalers are facing at this time. This, of course, has not been good for prices, although trade has been good and there is not much complaint from any source.

Thanksgiving looks good from here. There will be plenty of stock, that is sure. Chrysanthemums will be about all in this week, the weather bringing the later varieties right along with everything else, and when we do get bad weather we will be up against it, as stock of all kinds is being brought in now and may cause a shortage for Christmas.

Various Notes.

The reception committee met at the call of Chairman H. L. Blind and outlined their work for entertaining the American Carnation Society, and the program, if carried out, will certainly afford a pleasant time to our visitors.

The Pittsburg Cut Flower Co. and the Pittsburg Rose & Carnation Co. have merged their business under one head, which will be known as the Pittsburg Cut Flower Co., incorporated under the state laws of Pennsylvania, with a capital stock of $300,000, all subscribed and paid in. Hoo-Hoo.

The Standard Steam Trap
is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.
E. HIPPARD, Youngstown, Ohio

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DID YOU EVER
want to repair a leak in a steam pipe, or a boiler, or an iron tank, in a hurry?
Tripp's Iron Repair Cement
will do the trick
at a small cost
The Alan H. Tripp Co.
260 S. Clark Street, CHICAGO

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LOUISVILLE, KY.

The Market.

Business for the last two weeks has been fair. Nothing big occurred to create a demand for flowers, but a little work was turned out each day and the call for flowers for gifts and tables was good. Stock, therefore, cleaned up well in spite of the fact that we are in the midst of the mum season.

Mums, as a rule, are good, bad and "punk." The best are selling at $5 and $6 a dozen, and down as low as 50 cents. Violets are having plenty of call, and some good ones are to be had. Sweet peas are coming in, but are not moving as well as expected. Carnations are improving daily and some good ones are to be had, which are selling well at times. Roses are not selling well, with the exception of Beauties, which clean up each day. Valley and orchids are selling well. Other stock is in good supply, including green goods. K. R.

The Burnham

Why buy half a boiler and then get a mason to build the other half? When you buy a Burnham you buy a base too. No bricking-in expense.
Lord & Burnham Co.
IRVINGTON, N. Y.
New York Boston Philadelphia Chicago

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Steel Return Tubular Boilers
The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.
JOHNSTON HEATING CO.
138 E. 31st St., NEW YORK

Electric Hose & Rubber Co., WILMINGTON, DELAWARE



Manufacturers of **RUBBER GARDEN HOSE** by a new and improved process. Made in any continuous length. Vulcanized under pressure. Made with seamless braided fabrics. Cannot possibly unwrap or separate between plies. Great strength and durability. Will not kink.

THE ORIGINAL CHICAGO ELECTRIC HOSE

NOT THE CHEAPEST, BUT THE LEAST EXPENSIVE. FOR SALE BY ALL SUPPLY AND SEED HOUSES.

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MASTICA



FOR Greenhouse Glazing

USE IT NOW.

F. O. PIERCE CO.
P. O. Box 294
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty.

LASTS LONGER THAN PUTTY
EASY TO APPLY.

BALTIMORE.

The Market.

Thanksgiving week is the next thing in order, and the market men are getting ready for something unusual in the way of a rushing holiday business. There is every indication that this year's Thanksgiving demand, as well as the supply, will exceed that of many former years. The demand the last week has been unusually strong for the week before Thanksgiving, and there is a crisp tone about the market that promises well for a fine run next week.

Chrysanthemums are selling well, probably quite up to former years. Some fine varieties are to be seen at the Exchange and are moving well. Some extra fine Chadwick and Helen Frick are to be seen in the Charles street stores. Carnations are becoming daily more plentiful, but are taken well and the best long-stemmed ones are in steady demand. Enchantress appears to have the best call in every respect. Roses are more than plentiful and minor grades are hard to move. Crimson varieties are taken a little more freely, owing, no doubt, to the season. Killarney and My Maryland are doing finely with the growers. White Killarney seems to be a good thing to handle.

Various Notes.

James Hamilton, of Mount Washington, will give a talk at the Gardeners' Club, November 22, on his trip to the gold fields.

Halliday Bros. have some poinsettias which look promising and would be hard to beat. They have two large houses planted.

Harry Ekas was cutting some extra fine Pres. Taft mums last week.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.

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NOXALL

Our own private brand of

Greenhouse Hose

Do you think we would put our name on it if we felt it was anything less than the best?

You can't beat it.

Write for circular, sample or price.

E. H. HUNT, 76-78 Wabash Ave. CHICAGO

Mention The Review when you write.

E. A. Seidenitz has some Lorraine begonias which are making a fine showing in his Charles street store. Q.

GREENWICH, CONN.—Since the removal of his store to Town Hall corner from Arch street, Robert McMillan has been taking advantage of his opportunity to have excellent window displays. He recently showed a table decoration which attracted much attention, and expects to show other interior decorations in the near future.

DREER'S
Florist Specialties.
KEYSTONE CEDAR PLANT TUBS.



	Diam.	Each.	Doz.	100.
A	11 in.	.65	7.15	55.00
B	12¼ "	.75	8.25	65.00
C	13¾ "	.85	9.35	75.00
D	14¼ "	1.00	11.00	90.00
E	15¾ "	1.25	13.75	110.00
F	16¼ "	1.50	16.50	130.00

Three largest sizes have handles.

Special PAIL TUBS.

8 inches.	.30	3.50	28.00
11 "	.30	3.50	28.00

Painted Green.

HENRY A. DREER,
714 Chestnut Street,
PHILADELPHIA, PA.

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FOR WATER SUPPLY

A Standard Pumping Engine

is more reliable than windmills and will furnish a much higher pressure. Catalogue on request—will tell you more.

The Standard Pump & Engine Co., Cleveland, Ohio.

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Awarded diploma and medal, 1907, for the celebrated
Shower Maker, $1.00
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopesay, South Bend, Ind.

Mention The Review when you write.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine
FOR SPRAYING

FUMIGATING PAPER
FOR BURNING

Fumigating Powder
FOR SLOW BURNING

DUSTING POWDER
FOR VEGETABLE GROWERS

You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT

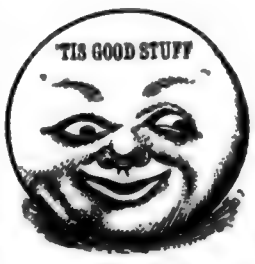
76-78 Wabash Ave. CHICAGO.

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WORTH THE MONEY, THOUGH

We do not like to pay your price for The Fumigating Kind Tobacco Powder, but would pay double rather than use any other.

H. F. Littlefield,
Worcester, Mass.



Not genuine without it.

SAYS IT BEATS ALL OTHERS

I have used Stoothoff's Fumigating Kind Tobacco Powder for the last four years with the greatest satisfaction, and I have found no other tobacco powder to compare with it in efficiency and the ease with which it will burn.

J. Henry Bartram,
Lansdowne, Pa.

Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

All *our* bags have our guarantee tag on the bag, reading "Satisfaction or Money Back," and this trade mark

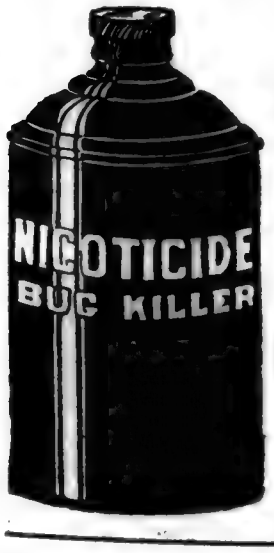
$3.00 per bag 100 lbs.

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MINNEAPOLIS.

The Market.

There is too much stock on the market here, and not enough demand for good stock to bring it forth. Every day a lot of short roses and carnations, imperfect mums, etc., are loaded on to the market. There are some good roses, and carnations are improving. Beauties are not to be had, and mums are getting scarce. There is a prediction of a shortage the coming week.

Various Notes.

The Minnesota-Michigan game caused a great showing of maroon and gold mums, which sold well and at good prices, but necessarily in small quantities.

The regular monthly meeting of the Minnesota State Florists' Association was held November 18, instead of November 16, being postponed on account of the storm. The meeting was held in the hall at 510 Snelling avenue, St. Paul; it was well attended and was a good meeting. Prof. L. R. Cady read a paper on "Plant Breeding," and S. Dysinger gave a paper on "Looking Outward." Both were fine papers and occasioned some discussion. The next meeting will be at the Unitarian church, with the State Horticultural Society, with which the Minnesota florists have affiliated. The next regular meeting will be on the second Tuesday of December, instead of the third Tuesday, which would be too near Christmas.

Visitor: F. M. Johnson, representing A. L. Randall, of Chicago. M. E. M.

KENDALLVILLE, IND.—The Johnson Floral Co. has opened an uptown store in the Boyer Opera House block. Miss Tillie Pugh is in charge.

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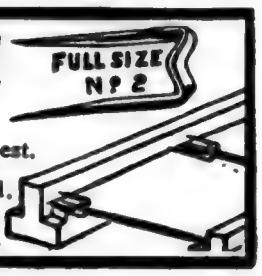
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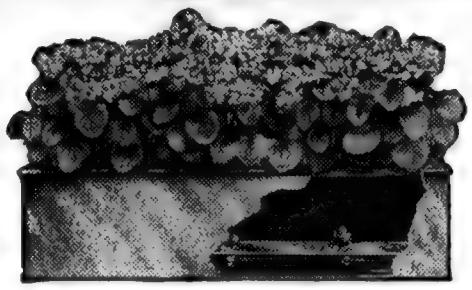
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NEW BEDFORD, MASS.

The Market.

Trade fell off a little last week. Flowers are quite plentiful just now. Carnations are coming in of fine quality and retail at 50 cents per dozen. Roses are good, bringing $1.50 per dozen at retail. Violets sell for $1 per hundred. Mums are still with us, but not quite as plentiful as before, the price ranging from $1.50 to $3 per dozen. Other fine flowers, such as candytuft, alyssum, mignonette, etc., help out a good deal.

The lack of cold weather has certainly been light on the coal bin. Prospects for Thanksgiving trade are bright, and indications are that flowers will be in good suppy on that day. Most of the outdoor bulb planting is now finished. Funeral work is fairly good at present.

Various Notes.

E. H. Chamberlain has a nice display of plants at his store, and reports a good demand for small table ferns. He is receiving some nice ones from Peter Murray, of Fairhaven, Mass.

P. Peirce is receiving some single violets from Harvey Briggs, of Dighton, Mass., that are simply immense. Mr. Peirce is also receiving some nice White Killarney and My Maryland roses.

J. H. Cleary is busy these days and keeps that new delivery wagon of his on the go.

Mrs. E. M. Davis is sending nice Whitmani fronds out of town. She makes a specialty of these.

R. H. Woodhouse had a nice wedding decoration last week.

The warm weather last Saturday brought out many fakers with cheap carnations for sale.

H. A. Jahn has a house of stocks that will be about right for Christmas. He has some very promising seedling carnations.

R. E. Nofftz is showing some fine Beacon carnations. W. L.

Denver, Colo.—The Scott-Martin Floral Co. has sent out announcements of its organization and of the opening of its store at 1506 Broadway November 20. The announcement states that Harry D. Martin is president and Mrs. Irene S. Scott general manager.

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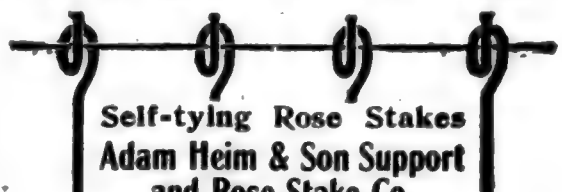
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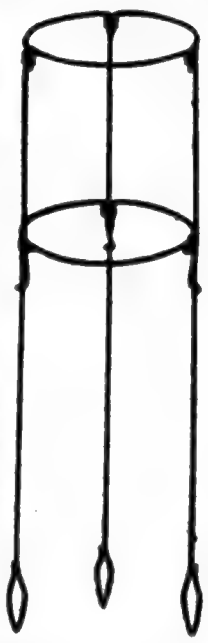
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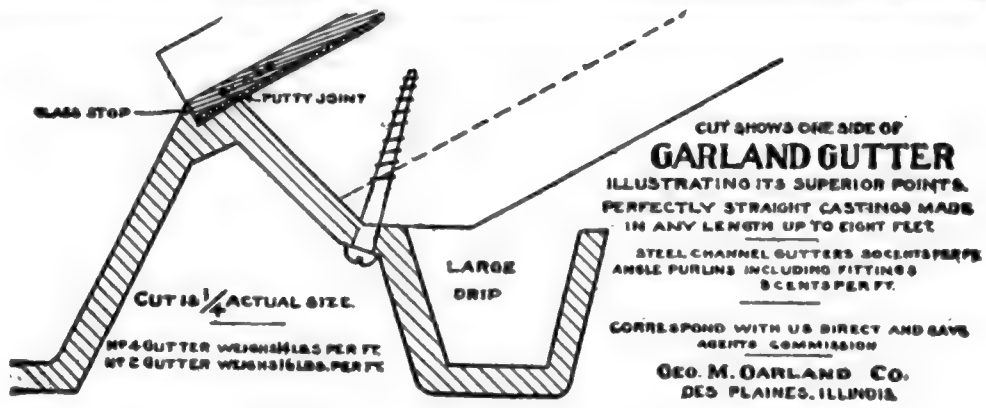


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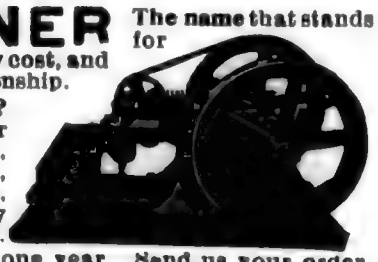
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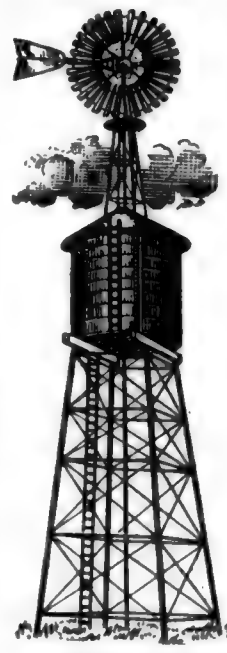
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is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** at latest, instead of Wednesday morning, as many have done in the past.

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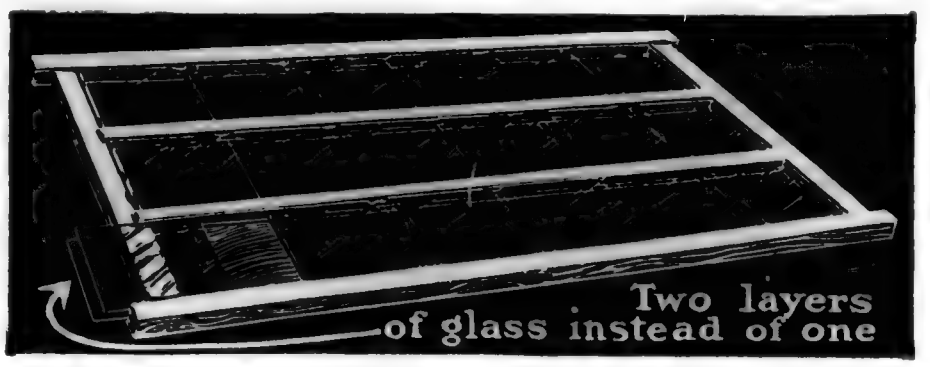
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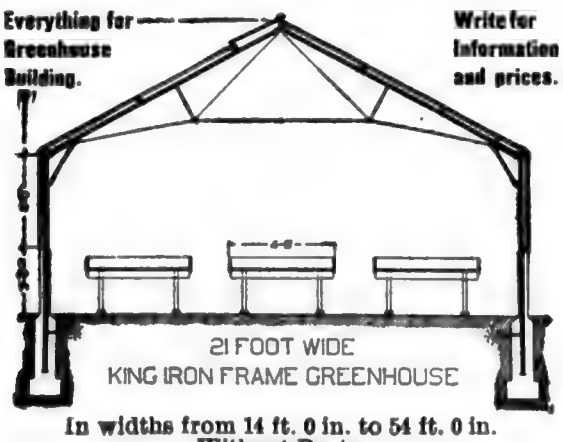
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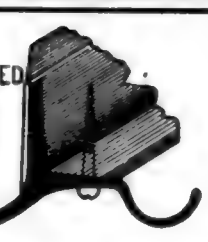
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FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, DECEMBER 2, 1909. No. 627.

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5-inch pots, well flowered..... 6.00 per doz.
6-inch pots, well flowered.....$ 9.00 and $12.00 per doz.
7-inch pots, well flowered..... 15.00 and 18.00 per doz.
8-inch pots, well flowered..... 24.00 and 30.00 per doz.
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5-inch pots, very fine.....$6.00, $9.00, $12.00 per doz.
6-inch pots, very fine.$12.00, $15.00, $18.00, $24.00 per doz.

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8-inch pots .....$2.50, $3.00 and $4.00 each

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(Phila. Lace Fern)

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8-inch pots.....$12.00 per doz.

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6-in. pots, 6 leaves, 28 to 30 in. high	1.00 each		
6-in. pots, 6 leaves, 34 to 36 in. high	1.50 each		
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8-in. tubs, 6 to 7 leaves, 48 to 50 in. high	5.00 each		
9-in. tubs, 6 to 7 leaves, 5 ft. high	8.00 each		
10-in. tubs, 6 to 7 leaves, 5½ ft. high	10.00 each		
11-in. tubs, 6 to 7 leaves, 7 to 7½ ft. high	15.00 each		

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8-in. tubs, 3 plants in a tub, 40 to 42 in. high	4.00
8-in. tubs, 3 plants in a tub, 42 to 45 in. high	5.00
8-in. tubs, 3 plants in a tub, 48 in. high	6.00
9-in. tubs, 3 plants in a tub, 4½ to 5 ft. high	8.00
10-in. tubs, 3 plants in a tub, 5 ft. high	10.00
12-in. tubs, 3 plants in a tub, 6 ft. high	15 00
14-in. tubs, 4 plants in a tub, 7 to 8 ft. high	20.00

Kentia Belmoreana

	Per doz.	100	1000
2½-in. pots, 4 leaves, 8 to 10 in. high	$1.50	$10.00	$ 90.00
3-in. pots, 5 leaves, 12 in. high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves, 12 to 15 in. high	4.50	35.00	
6-in. pots, 6 to 7 leaves, 26 to 28 in. high	1.50 each		
7-in. pots, 6 to 7 leaves, 34 to 36 in. high	2 50 each		
8-in. pots, 6 to 7 leaves, 42 to 44 in. high	5.00 each		

Kentia Sanderiana

This is a very graceful, hardy Palm, of fine decorative appearance, which should prove a popular variety. We offer fine, bushy made-up plants.

5-in. pots, 20 to 24 inches high ..... $1.00 each

Livistona Rotundifolia

We offer a fine lot of this desirable miniature Fan Palm.

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots	2.00	15.00
4-in pots	3.50	25.00

Phoenix Roebelenii

This is unquestionably one of the great Palms of the future, combining the grace of a Cocos Weddelliana with the hardiness of a Kentia; it will prove an invaluable plant for the house. We have a grand stock and offer:

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots, nicely characterized	3.50	25.00
4-in. pots, nicely characterized	each	.60
5-in. pots, splendid plants	each	1.25
6-in. pots, fine specimens	each	3.00

Phoenix Canariensis

A splendid lot of thrifty plants.	Each
7-in. tubs, 36 to 38 in. high	$2.50
8-in. tubs, 42 to 45 in. high	3.50
10-in. tubs, 48 to 50 in. high	5.00
11-in. tubs, 50 to 54 in. high	6.00

Phoenix Rupicola

	Each
Good 6-in. pots	$1.50
Good 8-in. tubs	2.50

Rhapis Flabelliformis

	Each
7-in. pots, 3 to 4 stems, 24 in. high	$2.50
7-in. pots, 4 stems, 26 to 28 in. high	3.00

FERNS

Nephrolepis Scholzeli—The Crested Scottii Fern

5-in. pans	each $0.50
6-in. pots	each .75
8-in. pans	each 1.50

Nephrolepis Scottii

	Each
6-in. pots	$0.50

Adiantum Farleyense

The best stock we have ever offered of this fine Maidenhair.

	Per doz.	100
3-in. pots	$3.50	$25.00
4-in. pots	5.00	40.00
5 in. pots	each	.75
6-in. pots	each	1.00

Pteris Wilsoni

This is the most decorative of all the Pteris, a handsomely crested form which is just as useful as a specimen plant as any variety of Nephrolepis, and in a small size a most desirable variety for fern dishes.

2¼-in. pots	$3.50 per 100
6-in. pans	35c. each

Mixed Ferns for Dishes

We can supply all the leading varieties for filling Fern Dishes in good, sturdy plants from 2¼-in. pots, $3 50 per 100; $30.00 per 1000. 3-in. pots, $6.00 per 100.

Adiantum Cuneatum

	Per 100
3-in. pots	$ 6.00
4-in. pots	10.00

MISCELLANEOUS PLANTS

Aralia Veitchii Gracillima

	Each
Nice plants in 4-in. pots, 10 to 12 in. high	$0.75

Aspidistra Lurida

	Each
5-in. pots, 6 to 8 leaves	$0.50
6-in. pots, 8 to 10 leaves	.75

Aucuba Japonica

	Each	Per doz.
Bushy plants, 12 to 15 in. high	$0.30	$3.00
Bushy plants, 18 to 20 in. high	.40	4.50
Bushy plants, 24 in. high	.60	7.00
Bushy plants, 28 to 30 in. high	.75	8.00
Heavy specimens, 3 ft. high	each	2.50

Biota Aurea

A splendid golden evergreen for decorative work in cool halls or for use in filling window boxes, bushy, shapely plants, 15 to 18 in. high, 50c each.

Dracaena Massangeana and Lindeni

	Each
Good plants in 4-in. pots	$0.50

Euonymus—Silver Leaved

This is the plant you need to put the finish to Christmas baskets and hampers. It has beautifully creamy white and green variegated foliage, which harmonizes with all other flowering and foliage plants and is of graceful appearance. You will not regret giving it a trial. 5-in. pots, 10 to 12 in. high, 30c each; 6-in. pots, 18 to 24 in. high, 75c each.

Ficus Pandurata

	Each
Good 6-in. pots, 18 to 24 in. high	$2.00

Pandanus Veitchii

	Each
A splendid lot of well colored plants in 6-in. pots	$1.00

Bay Trees, Boxwoods, Pyramids and Standards in all sizes.

HENRY A. DREER, 714 Chestnut St., Philadelphia

Send in Your Orders

We have an excellent supply—the grade of stock that makes it possible for us to meet the needs of all classes of buyers. And

We know the needs of the trade

intimately through long connection with the business. It doesn't matter what you want, we have it. We have it in quantity, of the quality that sells steadily, and would like a share of your orders.

Carnations, Roses, Valley,
Lilies, Stevia, Bulb Stock, Greens

Finest Single and Double VIOLETS That Come to This Market.

We always bill shipments at the market rate.

Kyle & Foerster

W. P. KYLE — JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 **CHICAGO**

FINEST BEAUTIES
ROSES and CARNATIONS

NO BETTER STOCK TO BE HAD ANYWHERE. OUR STOCK HAS A REPUTATION.

CURRENT PRICE LIST

	Per doz.
American Beauties	
Extra long stems	$3.00 to $4.00
Stems 30 to 36 inches long	2.50
Stems 24 inches long	2.00
Stems 18 inches long	1.50
Stems 10 to 12 inches long	1.00
Shorts	.75
Killarney and Richmond	Per 100
Extra select	$10 00
Good lengths	8 00
Medium lengths	6 00
Short lengths	$3.00 to 4.00
Bride, Maid and Perle	
Long stems	8 00
Medium lengths	6.00
Short lengths	3.00 to 4.00

	Per 100
Carnations	
Red O. P. Bassett, extra fancy	$ 3.00 to $ 4.00
White and Pink, fancy	3.00
Easter Lilies, Giganteum	12.00 to 16.00
Lily of the Valley	3.00 to 4.00
Asparagus, per string,	.60
Asparagus Sprays, per 100,	2.00 to 3.00
Sprengeri, "	2.00 to 3.00
Smilax, per doz.	1.50 to 2 00
Adiantum, per 100,	1.00
Galax, green and bronze, per 1000,	1.25
Ferns, "	1.50 to 2.00

BUY YOUR FLOWERS DIRECT OF THE GROWER

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, **CHICAGO**



Everybody Watches For The Mail That Brings a

SPECIAL ISSUE

OF THE WEEKLY

FLORISTS' REVIEW

The Annual Christmas Number will be out December 16

The whole Trade knows the interest that attaches to these Special Numbers. This Christmas Number will be fully as fine as any that have gone before (The Review never goes backward)—and that's enough said on that score.

Advertisers who want to take advantage of this splendid opportunity for TALKING TO ALL THE BUYERS, should send their advertisements at once.

First forms (front and back pages) go to press December 10. Best positions go to those who get in early. No new advertisements or changes can be accepted after 5 p. m., December 14

Regular rates apply on space in the Special Numbers. A page is $30 00, a half page $15.00, a quarter page $7 50, and other spaces in proportion, with usual discounts to those who have yearly contracts. Classified advertisements are 10 cents per line each insertion, net.

Many a florist in a country town has built up a good wholesale mail order business in plants or cuttings by using these classified advs.

For every Special Edition some desirable advertisements arrive too late. You will make sure and avoid disappointment if you

SEND YOUR ADVERTISEMENT TODAY

FLORISTS' PUBLISHING CO., 530-560 Caxton Building, 334 Dearborn Street, **CHICAGO**

U KNOW US!

KATALOG

LET'S KNOW U!

We don't know it all. Look carefully through
Our new up-to-the-minute Katalog, and tell us where we can improve.
We will appreciate your thoughtfulness and try to use your advice
For the betterment of the Trade in general.
Always at your service—Katalog for the asking.

Ribbon Specialists
The Leading Florists' Supply House
Importers—Manufacturers—Originators

M. RICE & CO.
1220 Race St.
PHILADELPHIA, PA.

It Stands to Reason

that a highly specialized organization can serve your interests best. Realizing the need of ribbons and chiffons made especially for florists, we gradually developed a branch of the florists' business second to none in efficiency. Our latest creations should prove of interest to every florist.

Samples upon request

Wertheimer Bros.
The National Floral Ribbon House
550 Broadway, NEW YORK CITY

John W. Merritt
FLORISTS' SUPPLIES.
Chiffons, Ribbons, Violet Cords, Doves, Artificial Roses and Leaves a Specialty.
384 Jay Street, BROOKLYN, N. Y.

JOS. G. NEIDINGER
1513-15 Germantown Avenue, PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WheatSheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

H. D. MANN CO.
Chiffons, Ribbons, Silk Cords,
Violet Ties, Brass and Silver
Fern Dishes and Jardinieres
A Full Line of Florists' Supplies
105 Canal St., SYRACUSE, N. Y.

Dec. 2 Fill in your name and mail us this blank.

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

.....Name

.....Address

This Season's Two Big Novelties
Pekin Striped Netting The kind that will not crumple
Changeable Gauze Corsage Ribbon
Samples sent upon request.

Lion & Company
Manufacturers of the Colonial Brand of
Ribbons and Chiffons
114-116 Spring St., New York

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

AN ELABORATE FUNERAL.

Elaboration seems to be the order of the day in funerals, as well as in the other affairs of life. Far be it from any florist to deplore this tendency, for people who are buying funeral flowers probably are less inclined than any others to question cost so long as they get the service that they want, and the large funeral orders which now come to the leading retailers are more easily handled than any other class of large orders. But a big funeral calls for the exercise of no little originality and decorative skill. The elaborate, modern casket covers are among the best examples of the deftness and taste of the man in charge of the making-up.

At Pittsburg recently the Zieger Co. executed a funeral order which, for elaboration, never has been equaled in that city, famed as one of the best flower towns in the country. The accompanying illustrations give an excellent idea of the floral features of the funeral. One of the pictures shows the embowered couch on which the casket lay during the funeral services. It was arranged in the family home and the work required the use of 1,000 Beauties and 250 lilies, with large quantities of asparagus and other stock. This was the most unusual feature of the arrangements.

Another of the illustrations shows the scene in Allegheny cemetery, just before the arrival of the funeral cortege. A large tent open at one side was erected at the front of the vault, the flowers being used in the decoration of the interior of the tent. The third illustration serves to give an idea of the number and character of the designs that were sent to the funeral, many of them coming from other cities. The picture was taken after the tent had been removed from the front of the vault and the designs rearranged. The illustration is so clear that florists from outside of Pittsburg who shipped designs to the funeral can doubtless identify their own work.

LOOSE DESIGNING.

Artistic Value of Prevailing Styles.

A few weeks ago someone, whose name has now escaped my memory, invited a discussion of the artistic value of the prevailing style of loose designing. Although this subject was thrashed up and down and all around in these columns a few months ago, still the subject is important enough to warrant reopening the discussion, and I, for one, am willing to reopen it. I respectfully suggest, also, that somebody of the opposite opinion shall contradict my statements, with reason annexed or fancies expressed. Let us have something else than stolid indifference. A grunt of approval or a growl of disapproval would be preferable to a prolonged silence. It is certain that a free-for-all discussion of the subject would prove advantageous to readers, but most profitable to those who are interested enough to contribute some thought and ink. The scriptural statement that "it is more blessed to give than to receive" is a profound truth in all lines of effort. Let us give forth our best thought and experience, and test the assertion for ourselves.

Some Stereotyped Samples.

To be fair, we must take the average piece at the shop of the average florist, where we will find more five dollar pieces are being sent out than ten dollar or fifteen or twenty dollar pieces, and for the sake of simplicity we will select a wreath, both as a common piece and as one of possibilities. The style in which we most frequently see this piece finished is common enough, popular enough and stereotyped enough for any one to keep a mental picture of it before him constantly. We will take it for granted that the size is twelve to fourteen inches in diameter, and that the flowers with which it is to be covered are cut to the length of about four inches and inserted out and up from all three sides. By the time the piece is finished there is scarcely any center visible, but a mass of flowers and foliage, with no expression or design in arrangement. To say that this production could be recognized at a glance is scarcely within the limits of accurate language. It is huge, to be sure, but that is the most that can be said of it. It is too flaunting, and is all a thin boast of wealth and profusion that are absent.

For another example, take a piece of more intricate outline, such as an anchor, about a 24-inch size. Complete it after the most approved loose style and you really have a clumsy piece. The outline fills up too wide for the length of it. There is no variation in the strength of the lines; all are equally broad. There are no sharp points on the flukes, no diminishing and increasing in the branches, and there is just the same monotonous, flat width in the surface of the whole piece.

Outlines Lost in Confusion.

If you start out to do a thing, do it



Arrangements at Allegheny Cemetery, Pittsburg, for a Recent Funeral.

and don't do at it. If you are pretending to make an anchor, make a true one; if you start out to make a triangle, do not be too delicate about sharp points. Either make your formal pieces distinct and legible or do not make them at all. Do not lose your design in confusion before it is completed. Let these formal pieces be positive and clear-cut. The loose style is never going to develop character or individuality in designing. Do not be afraid of something that looks like a point or a bold outline.

Because pieces are loose, it is not necessarily true that they are artistic. There is such a thing as looseness which amounts to slovenliness, and neatness may be a twin of artistic worth.

The only place where the loose arrangement shines is in large pieces, and there its fault is that it is not loose enough. Loosen it out some more; give the roses and mums and carnations more stem. Give them a uniform outline if it is an intricate piece, and then give the loose style full play, letting the looseness break out and fall over in showers and sprays and all kinds of wild forms.

The Happy Middle Ground.

But what is the happy medium between the too solid and the too loose effects? In avoiding the fault of indistinctness, is there not danger that there will be too much formality and no suggestion left to imagination? Well, take that first design mentioned—the wreath. Do enough strict outlining to distinguish the form of the wreath and then continue to finish the piece in some definite form of design, as a spray of roses tapering to a point as it follows around the wreath, or two sprays crossed and tied on one side, with the two points coming close together, or a series of clusters with spaces of the background showing between.

With the anchor use a more strict outline throughout. Make the standard a straight line, fairly heavy. Make the ring at the top very wide and the flukes decidedly sharp at the points and heavy again where they join the standard. Preferably this piece should be made solid and relieved by a chain of small flowers on a cord, wrapped around the standard. The arms in a true anchor are at right angles with the standard, instead of being flat, and this will necessitate mounting the piece low on a base and filling the base with foliage only, as its best setting. An anchor thus completed ought to be a popular piece.

Monotonous Similarity.

One pertinent objection to the loose style of arrangement is that all the pieces sent from one shop to a certain funeral are so much like those of another shop sent to the same funeral. Then each of us is just like his rival. Why shall our store not have its individuality and our work be easily recognized? Is not that an inducement for customers? Style counts for a great deal in other lines. And then, taking utility into consideration, a piece more compactly arranged lasts better; or, rather, it does not show the wear and tear so plainly as one which, if a flower here and there drop out of place, begins to look ragged.

But somebody will suggest that flowers should not be crowded as they are in a solid piece. Who has not seen thick ranks, clumps and patches of trees and plants growing wild? Then mass every now and then, but be careful to relieve that mass by something free and easy over against it, like an open space in the forest which the vines have bridged over and the daisies have bordered.

Now we will listen while somebody else talks a while. Yes? Gertrude Blair.

AUTOMOBILE DELIVERY.

A. B. Cartledge, senior member of the firm of Pennock Bros., Philadelphia, when asked to give an opinion on the value of the automobile for the delivery of plants and flowers, said: "The automobile delivery wagon that we have been using for a year is not heavy enough for the purpose. Last season the manufacturers were so rushed with orders for touring cars that we were unable to get any one of them to originate a delivery car suitable for our purpose. We got a wagon builder to make it. He used the best material, but, as he had no experience, it proved too light when loaded with decorative plants. We are still using the machine, and believe that, when perfected, the automobile delivery wagon will become invaluable for the florists. We find that our car can make three trips to Chestnut Hill, eleven miles, and back without difficulty, while one trip is quite as much as our team can manage in a day." Phil.

WORKING HOURS IN ENGLAND.

If retail florists in the United States, who are unrestricted except for some communities which compel Sunday closing, were obliged to obey such regulations as are in vogue in England, the "holler" would resound through the length and breadth of the land. In England the so-called Factory and Workshop Act is applied to flower stores the same as to boiler shops, and it prescribes conditions of service much more minutely than would seem tolerable in this land of the free.

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"Much stress was laid on the fact that it was necessary, especially in the London season, to carry out decorations at customers' houses up to the hour of 10 p. m. It was stated by the principal florists that many London hostesses require that the flowers used in decorations shall be absolutely fresh and arranged as recently as possible before the entertainments commence. The employers contended that this work is not arduous and that it is enjoyed by the assistants.

"'I fear,' said the court in his decision, 'there is no reasonable chance of entertainments in London beginning at any earlier hour in the evening. The tendency seems to be to begin them later. The conclusion to which I am driven, I admit reluctantly, is that these decorations will be demanded in future as heretofore, and the master florists will be required by their customers to prepare and arrange them as late in the evening as heretofore. The skilled assistants who do this work are generally ladies of artistic taste, and with an experience usually acquired by an apprenticeship of training of some years' duration.'"

The Court then went on to recommend modifications of the law permitting "in and out" employment for two hours a day, but for 100 days in the year only. Where the outside employment occurs after the regular hours the permitted two hours should, in every case, be given back to the assistant on the morning of the day after the time has been taken, and a period of at least twelve hours should elapse between the ending of the work out of the workshop and the resumption of work either in or out of the workshop on the next day. All outside work, except during regular hours, should be paid for as overtime, and no deductions should be made for wages in respect of the hours returned to the assistant. The weekly half-holiday should be allowed at the option of the occupier of a florist's workshop either on Saturday or any other day. Power to grant the weekly half-holiday to assistants in florists' shops and workshops on different days should be included in any future legislation dealing with workshops.

SPIRAEA JAPONICA.

The roots of the herbaceous spiræas or astilbes generally arrive from November 10 to 30. After unpacking, soak the clumps well in water and heel them in closely, either outdoors or in a cold-frame. Wherever they are placed, it is best to let them have one or two good freezings before potting or starting them. The old variety, Japonica, is now largely superseded by the improved varieties, such as grandiflora compacta, Gladstone and astilboides, all of which are now inexpensive. Do not overlook the new pink varieties, Peach Blossom and Queen Alexandra. These do not force so well as the white flowered varieties, but for spring decorations are superb. Queen Alexandra comes in beautifully at Memorial day, the smallest clumps making surprisingly fine plants.

AZALEA MOLLIS.

While less grown than the Indian azaleas, there can be no gainsaying the fact that the mollis azaleas, even while almost leafless, as they are when in flower, are the more beautiful of the two sections. The beautiful yellow, orange, old gold, pink and other shades are charming, and as there is no difficulty in growing and blooming them, it is not surprising to see them largely used each winter in all the up-to-date stores.

The new stock is now to hand and extra well budded. In potting we endeavor to squeeze the balls into as small pots as possible, and place the plants in a frame where the pots are protected and the plants allowed to get several good freezings. Of course, it may be an exploded theory about frost being necessary for any plants prior to their being forced, but a long experience shows a decided benefit from these freezings. For late use, where the plants have had a tolerably long rest since the fall of the leaf, freezings are not required. The freezings are supposed to put the plants to sleep, and when lulled into that condition they respond quickly to heat and moisture. As a general rule, it does not pay to start forcing the mollis azaleas until after Christmas.

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"Much stress was laid on the fact that it was necessary, especially in the London season, to carry out decorations at customers' houses up to the hour of 10 p. m. It was stated by the principal florists that many London hostesses require that the flowers used in decorations shall be absolutely fresh and arranged as recently as possible before the entertainments commence. The employers contended that this work is not arduous and that it is enjoyed by the assistants.

"'I fear,' said the court in his decision, 'there is no reasonable chance of entertainments in London beginning at any earlier hour in the evening. The tendency seems to be to begin them later. The conclusion to which I am driven, I admit reluctantly, is that these decorations will be demanded in future as heretofore, and the master florists will be required by their customers to prepare and arrange them as late in the evening as heretofore. The skilled assistants who do this work are generally ladies of artistic taste, and with an experience usually acquired by an apprenticeship of training of some years' duration.'"

The Court then went on to recommend modifications of the law permitting "in and out" employment for two hours a day, but for 100 days in the year only. Where the outside employment occurs after the regular hours the permitted two hours should, in every case, be given back to the assistant on the morning of the day after the time has been taken, and a period of at least twelve hours should elapse between the ending of the work out of the workshop and the resumption of work either in or out of the workshop on the next day. All outside work, except during regular hours, should be paid for as overtime, and no deductions should be made for wages in respect of the hours returned to the assistant. The weekly half-holiday should be allowed at the option of the occupier of a florist's workshop either on Saturday or any other day. Power to grant the weekly half-holiday to assistants in florists' shops and workshops on different days should be included in any future legislation dealing with workshops.

SPIRAEA JAPONICA.

The roots of the herbaceous spiræas or astilbes generally arrive from November 10 to 30. After unpacking, soak the clumps well in water and heel them in closely, either outdoors or in a cold frame. Wherever they are placed, it is best to let them have one or two good freezings before potting or starting them. The old variety, Japonica, is now largely superseded by the improved varieties, such as grandiflora compacta, Gladstone and astilboides, all of which are now inexpensive. Do not overlook the new pink varieties, Peach Blossom and Queen Alexandra. These do not force so well as the white flowered varieties, but for spring decorations are superb. Queen Alexandra comes in beautifully at Memorial day, the smallest clumps making surprisingly fine plants.

AZALEA MOLLIS.

While less grown than the Indian azaleas, there can be no gainsaying the fact that the mollis azaleas, even while almost leafless, as they are when in flower, are the more beautiful of the two sections. The beautiful yellow, orange, old gold, pink and other shades are charming, and as there is no difficulty in growing and blooming them, it is not surprising to see them largely used each winter in all the up-to-date stores.

The new stock is now to hand and extra well budded. In potting we endeavor to squeeze the balls into as small pots as possible, and place the plants in a frame where the pots are protected and the plants allowed to get several good freezings. Of course, it may be an exploded theory about frost being necessary for any plants prior to their being forced, but a long experience shows a decided benefit from these freezings. For late use, where the plants have had a tolerably long rest since the fall of the leaf, freezings are not required. The freezings are supposed to put the plants to sleep, and when lulled into that condition they respond quickly to heat and moisture. As a general rule, it does not pay to start forcing the mollis azaleas until after Christmas.



SPOT ON VIOLETS.

What is the cause of white spot on violet leaves, and the remedy?

J. W. S.

We are unable to tell you the cause of spot on violet foliage, nor can we give any reliable remedy. In the case of single violets, the spotting is rarely sufficiently serious to injure the plants, although we have seen instances where even these have been well-nigh denuded of leaves. Picking off badly affected foliage usually suffices for the singles. In the case of doubles, particularly Marie Louise, the best of the blues, whole benches and houses are ruined each year by spot. Damage is least when the plants are grown where they are to flower, and usually most serious with late planted stock. Cleanliness, picking off affected foliage, plenty of fresh air night and day, and all possible sunshine should be the treatment given. Do not coddle, but let the night temperature be as near 40 degrees as possible. C.

BARONNE ROTHSCHILD VIOLET.

Last season F. W. Fletcher Co., Auburndale, Mass., and C. H. Totty, Madison, N. J., jointly introduced Violet Baronne Rothschild, shown in the accompanying illustration. This is a single variety which originated at the Fletcher establishment. Exhibited at the Boston flower shows prior to its distribution in the trade, it took the eye of all the growers, so that when it was sent out all the available stock was quickly taken up by those who wished to give the variety a trial this season. Mr. Fletcher describes it as much more floriferous than Princess of Wales, and the foliage is smaller than in that variety.

Thus far this season the plants sent out last spring have done nicely with most of those who bought stock of the novelty, and there are many who think they have here a formidable rival of Princess of Wales, which heretofore has practically monopolized the market for single violets.

SPOT ON DOUBLE VIOLETS.

Will you kindly inform me if there is anything I can do to exterminate spot disease on my double violets? I have picked off the leaves as fast as the spot shows, but still it comes on. Some of the plants that were badly affected I have taken out. F. M. B.

Having tried about every imaginable remedy for spot on double violets, I am forced to confess that nothing seems to check it once it has appeared in a virulent form. Picking off affected leaves helps in some degree, but I have had little success with spraying solutions, such as Bordeaux mixture, sulpho-napthol and permanganate of potash. Cleanliness, stirring of the surface soil, an abundance of pure air and a night temperature as near 40 degrees on cold nights as possible, are conditions which double violets like.

Double violets are best grown in the beds or benches in which they are to flower. This plan is adopted in the noted Rhinebeck section on the Hudson river. If planted outdoors, they should be lifted much earlier than the singles, which latter should be left out until they have had one or two freezings. C. W.

NAMES OF VIOLETS.

Kindly inform me as to the names of the violets enclosed; one is light blue and the other dark blue. H. C. G.

The flowers when received were much shriveled, but, as near as we can make out, the dark variety is Governor Herrick and the lighter one Princess of Wales. C.

ALKALI WATER FOR VIOLETS.

I should be pleased to know about the effects of hard alkali water. Would it be advisable to try to grow violets with the use of hard water? What effects would it have on violets in particular, and also on carnations, roses and all other flowers and vegetables. I am located in Colorado.

M. J. C.

Violet culture is a department of floriculture that few make any success of, and especially is this so in Colorado, under the influence of its mild and open winters. To attempt to grow them under the adverse conditions mentioned by M. J. C. is certainly a problematical undertaking. If he has any knowledge relating to the properties of soil, such as its fertility, consistency, firmness and porous nature, and if he establishes a well drained subsoil, he is as apt to be successful as many others who have had to use alkali water in their culture. I would not recommend the culture of roses or carnations when water has to be used that is strongly impregnated with alkali. J. B.



Violet Baronne Rothschild.

LENGTH OF SHADOW.

How far will a building twenty-five feet high throw its shadow to the north at noon, December 22? J. C. M.

The length of shadow thrown to the north at 12 o'clock noon, December 22, by a building twenty-five feet high in the latitude of New York would be approximately fifty-two feet long, in Chicago approximately fifty-four and one-half feet long and in Boston approximately fifty-six feet long. L. C. C.

CALLAS RESTED IN FRAMES.

Callas with us are particularly good this season and we think this is due largely to the way we dried the plants. We grow both chrysanthemums and callas in the same house and are therefore obliged to lift the callas by the middle of May, in order to get the early chrysanthemums benched in time. It is due to this that we are obliged to dry the callas outside instead of in the bench.

Last year the plants were dried a little in the bench and then lifted and laid in the sun, with no soil on the roots. The result was that a great quantity of the bulbs rotted, and we think this was directly due to the rapidity with which the plants dried.

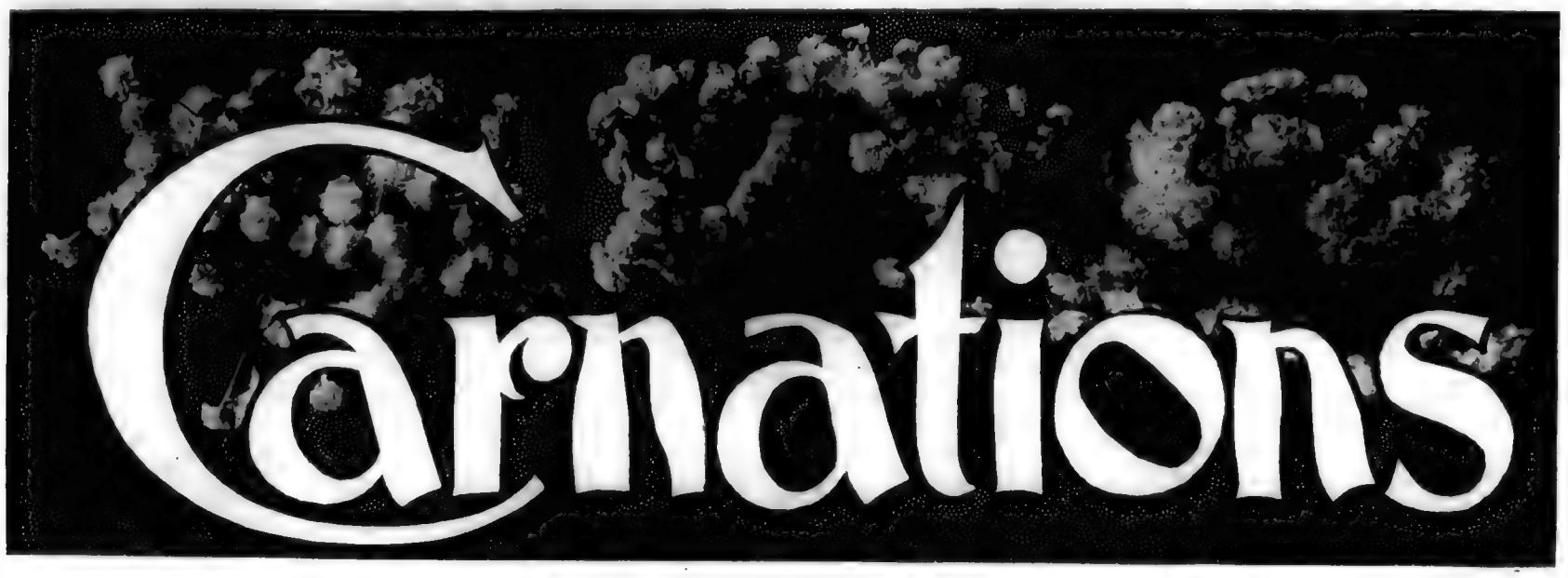
This season we thought we would try a different plan. When the time came to lift them, we left a 5-inch square of soil on each plant, and transferred them from the house to a coldframe. The plants were placed quite close together, soil was thrown over the bulbs and they were then left to dry. About September 1 they were potted up, so as to keep them growing until the early chrysanthemums were gone. The plants have been in the bench nearly a month now, and are growing vigorously and flowering freely.

We are much pleased with our new plan, as we did not lose a single bulb.

A quantity of callas were planted in the field for the cut blooms, but this was not a success, as the plants did not receive enough water. This plan has its advantages, however, to any person who would like to increase his stock, for we found that for every plant put out, at least eight were potted up when they were lifted this fall.

W. J. Vesey, Jr.

Anadarko, Okla.—One of the many things which the Bath Addition has a right to be proud of is Mr. Ernest's new greenhouse, which is already stocked with carnations and other plants.



BEST SORTS FOR BEGINNER.

We have completed a new greenhouse and wish to plant it to carnations. Would you please tell us what varieties are the best? We are located in southwestern Idaho. P. O. M.

Which varieties of carnations will suit you best will depend somewhat on your climate and your trade. I will name several varieties in each color, any one of which may suit you better than all the rest. I would advise you to try them all, and then select those varieties which do best for you.

White—White Perfection, White Enchantress, Lady Bountiful, Mrs. J. C. Vaughan. Flesh Pink—Enchantress, May, Pink Delight, Mayday. Light pink—Rose-pink Enchantress, Winona, Winsor. Dark pink—Victoria, Afterglow, Aristocrat. Scarlet—Victory, Beacon, O. P. Bassett. Crimson—Crimson Glow, Harlowarden, Harry Fenn.

You will also do well to include a few each of some of the novelties being introduced this season, as it will not only pay you to buy the best varieties now, but it will pay you well to keep your list of varieties up-to-date. We see this demonstrated every few days. Visiting growers will, in going through the houses, make remarks about this variety or that, which they failed to buy when they were introduced, thus making a mistake which they greatly regretted, since they had missed some good things. We consider that a reasonable amount of money spent each season on new varieties is money well invested. A. F. J. B.

FAIRY RING AND STIGMONOSE.

I have been in business for some years and never had any serious trouble with my carnations until last year. The disease at that time was pronounced the fairy ring. I followed the instructions given in the REVIEW and got rid of the trouble in the spring, but the flowers never amounted to much. To avoid the recurrence of the trouble, I fumigated the carnation house twice with flowers of sulphur, whitewashed all the woodwork, used fresh top soil and procured new plants, and yet a few weeks ago the same trouble appeared, only more aggravated. At once I took heroic measures, cut all the plants back, removed the stakes to give more light, used Grape Dust twice a week and sprinkled the pipes with flowers of sulphur. A few days ago I gave weak liquid cow manure to stimulate new growth.

As I never had such serious trouble before, I am puzzled to know what causes this disease.

I forward a few specimen plants. Although they are still covered with Grape Dust, yet they show a lack of vitality and the leaves appear spotted when held in the sunlight. As I cut all the plants back, I am not able just now to send buds, where the fairy ring manifests its deadly power the most. P. C. M.

Your plants may be affected with fairy ring, as you suggest, but the shoots forwarded do not indicate any such condition. They are, however, full of stigmonose, which in some respects is even worse. The two together would prove most destructive to any house of carnations, and you will have a hard, long fight to get rid of them both.

For the fairy ring I would suggest Bordeaux mixture, sprayed on about once each week. Also go over the plants and pick off all affected leaves. Water moderately, though not too scantily, and eliminate syringing altogether for a time. Ventilate freely and paint a steam pipe with sulphur and lime, made into a thick paint with water. This ought to eradicate the fairy ring.

For the stigmonose you will have to practice careful selection of cuttings. Select those which are free from those light spots, and in the course of a few years you may have your stock clean and healthy. This trouble is brought on through the punctures of insects, such as aphis, etc. Your present blooming plants can not be cured, but you can help them somewhat by careful culture. Avoid excessive watering and any feeding which may have a tendency to soften the growth. Instead, you must water carefully and keep the temperature uniform and moderate. Give the soil a light dressing of air-slaked lime about once in each month, to toughen the growth. Ventilate day and night if possible, to keep the atmosphere fresh and bracing. You cannot reach this disease with remedies applied externally, so you must confine your efforts to aiding the plant to grow strong and to throw off the disease itself. A. F. J. B.

AMERICAN CARNATION SOCIETY.

W. H. Shumway, Berlin, Conn., registers the following new carnations:

Elizabeth—Parentage, uncertain; color, brilliant red; size, three to three and one-half inches; a good grower, of excellent habit; not overmuch grass; every shoot flowers; does not discolor after cutting; is a wonderful keeper.

Almira—Parentage, Enchantress x Wm. Scott; color, bright pink, like Wm. Scott; size, three to three and one-quarter inches; upright and erect in growth, with good constitution; free bloomer and has a good calyx; easy to propagate. A. F. J. BAUR, Sec'y.

NAME OF CARNATION.

What is the name of the enclosed carnation flower? It resembles Winsor, only the color is darker. A. O.

The carnation bloom forwarded is Mrs. Thos. W. Lawson. A. F. J. B.

TAKING THE CHILL FROM WATER

The water we use for watering our greenhouse plants is piped along the surface of the ground from artesian wells 100 yards distant, and when it reaches the houses it is like ice water. Is this injurious to plants in general? If so, can you suggest a method to overcome the difficulty? F. E. W.

Ordinarily the use of water at its normal temperature will not have an injurious effect upon most plants, if it is properly applied, but when below 35 degrees it will pay to take the chill off, for any plants that require a stove temperature. This can be done by storing it in a tank. Or, if the water has a "head" which it is desirable to retain, it can be carried in a coil through a tank filled with water which is warmed artificially.

PENNISETUM.

We would be glad to have you inform us at what time pennisetum seed should be planted. Could it be planted now and carried through the winter in coldframes? What kind of care should it receive? M. G. C.

You will do better by sowing in heat in January than starting the seeds now. P. longistylum, the most popular variety, is not a hardy grass north, although in the southern states it will winter. By starting in January you will get good plants for late spring sales. Another year it will pay you to carry over a number of old plants in a coldframe, or any place where they will not freeze much. Cut the foliage off in February or March and divide the clumps. Start in flats of leaf-mold and sand in a brisk, moist heat and pot off singly as they start to grow. These plants will give better returns than the seedlings. They can go in a coldframe by the early part of April. C. W.

SEASONABLE SUGGESTIONS

Gardenias.

Gardenia flowers in winter bring excellent prices and there is a growing demand for them in the big markets. Often those who are planning on a fine winter crop and have had their hopes raised by a splendid crop of buds are woefully disappointed when the buds begin to fall in showers just before they are ready to open. The best cultivators have trouble of this kind. It is due to an excess of moisture in the benches, rather than dry conditions. Our experience has been that if the soil approaches saturation or sogginess, a heavy loss of buds is sure to follow. A great mistake is usually made in not having sufficient porosity in the soil; anything approaching pastiness is fatal to successful gardenia culture.

A night temperature of 70 degrees should be maintained. When admitting air, avoid anything in the nature of draughts. Let the benches dry out well before watering; then soak them thoroughly. If the soil is porous, it will pass through quickly. If a hot water or steam pipe runs below the benches to warm the soil a little, all the better. To keep the foliage dark green, use soot water once a fortnight. Mealy bug can be kept in check by using a fine spray nozzle on the hose and syringing well twice a week, always choosing sunny days for the operation, to allow of the foliage drying before nightfall. The temperature in the daytime can run up to 80 or 85 degrees with sun heat, and the ventilators should be closed sufficiently early to bottle up a good heat.

Azaleas.

Let the Christmas azaleas have a brisk heat and spray them daily, unless the weather is dark and cold. Many of the plants will show a tendency to grow. Rub out any of these shoots. As the flowers commence to expand, discontinue damping them overhead, and a slightly lower temperature will suit them better. Deutsche Perle needs little forcing for Christmas, and Hexe comes in readily. Other varieties will, however, require a good heat to get them in season.

Lily of the Valley.

The new season's pips are now arriving. After unpacking, soak them well in a tub of water. Do not merely dip them, but let them remain in some time. Any showing the least signs of shriveling, a condition possible where cases have been standing too near the boilers of the steamers, had better be soaked for twenty-four hours to plump them up. Heel outdoors, or in a coldframe, just covering the tips. Let them have one or two good freezings before trying to force them.

The new valley is not, as a rule, a success for Christmas or early forcing. Cold storage pips are better. A brisk, moist bottom heat is essential, with a top heat of 70 to 75 degrees; the bottom heat can be 10 degrees higher than this. In planting the pips any soil will answer; in fact, sand of a rather coarse nature is to be preferred. The pips make no roots while being forced, having sufficient energy stored up to flower satisfactorily. They must be kept dark until the spikes are well drawn up, after which time light can be gradually admitted to allow of some foliage being made. As the flowers open, a rather lower temperature will give them substance.

Antirrhinums.

The bulk of the chrysanthemums are gone at last, and somehow it is a relief to see the stragglers cut and out of the way. It is now possible to give a little more time to antirrhinums, and other crops which are to follow the mums. The



Geranium Eliacin.

earliest lot of snapdragons are now coming into flower. These were benched early in September, and have had a temperature of 46 to 50 degrees at night. They require looking over at least once a week. The flower stalks should be supported and the side shoots rubbed off. If strong flower stems are desired, it will not pay to leave every shoot on the plants. Reduce them to from four to six and allow no more to grow. Restricted in this way, fancy spikes can be had. Where a medium spike is preferred, of course, a larger number can be left; as a rule, the smaller spikes bring but little money.

In fumigating antirrhinums, use anything but hydrocyanic acid gas. They are among the few plants which simply will not stand even a light dose of this fumigant. The leaves are not scorched, but the tops of the shoots hang down limp. These plants are somewhat delicate, and any fumigation must be light. Where they are becoming well established in the benches, a light mulch of well decayed manure will help them wonderfully.

Dutch Butbous Stock.

Look over the bulb stock and give all the flats and pots a thorough watering. Never mind if the soil seems moist on top. It is probably much drier below, and remember that more Dutch bulb failures are due to too dry root conditions than any other cause. If your flats are well drained, the water will pass away readily.

A few of the most forward La Reine tulips, if they are well started, may now go into a darkened case. It is folly to place them in the light, unless you want flowers which just rise above the soil. Trumpet Major narcissi, particularly the French stock, can be had for Christmas. Do not give either these or the tulips bottom heat, like the valley, as they do not like it and will resent it, but draw each of them well up in the dark to give some length to the flower stems. It is too early to start forcing Golden Spur or other narcissi. Leave them where they are until better sprouted. Paper Whites and Roman hyacinths for Christmas should be given three weeks in a night temperature of 60 degrees. The former will come in a little more quickly than the latter, but it is an easy matter to hold them in a cold house for a week or ten days.

Hardy Lilies.

The bulbs of Lilium speciosum, auratum, tigrinum, Batmanniæ and other useful florists' lilies do not arrive until December. Any wanted for pot culture should be got into the soil right away. For outdoor planting be sure to give the bulbs ample depth; eight to nine inches is none too much, and, if you have deep soil, twelve inches will be found better. Let no fresh manure come in contact with them. Place some sharp sand below and above them. Mulch with leaves or strawy manure for the winter.

Always keep lilies of any kind as short a time as possible out of the soil. Once the scales start to shrivel, much of the bulbs' vitality is gone. Probably the most useful of all hardy lilies to the average florist is L. speciosum album; the varieties Melpomene and rubrum are also useful. L. auratum's strong odor is objected to by many for funeral or other work.

Camellias.

There is a pleasing coming again of the once popular camellias, and during the last two or three winters a good number have been sold. It is necessary to use judgment in trying to get these open for Christmas. Anything like hard forcing will assuredly result in a loss of buds. The one time when camellias love heat and moisture is while making their growth. At present a temperature of 50 to 55 degrees at night should not be exceeded.

Genistas.

While it is possible to force genistas into flower for Christmas, they sell much better for Easter. Like camellias, they resent hard forcing, and to have them in the best condition cool culture all the time is best. A batch may be started now in a temperature of 45 to 50 degrees at night and these will come in useful in midwinter. Easter stock should have had its last shearing by this time, and should be held just clear of freezing.

Geraniums

SOME NEW GERANIUMS.

Among geraniums introduced into this country, this season, I would give the first place to Mrs. Annie Vincent. This variety produces immense trusses of bright, pure carmine, shading to white in the upper petals, extremely charming to the eye. The florets are semi-double, two and one-quarter inches in diameter, and are held aloft on rigid stems. Its flowers are enduring. Its constitution is robust and it is easy to propagate.

Luigi Grandi makes a symmetrical plant, of strong growth, and is profuse in blooms. Its enormous trusses are composed of large florets of rare and rich color, being violet carmine shading to red on the upper petals. Its color puts it in a place by itself.

Dr. Danjou is brilliant in color, having deep violet flowers, the upper petals marked white. It has a good habit and makes a magnificent truss.

Eliacin is compact in growth and somewhat dwarf. It appears to have a strong constitution. Its flowers are semi-double. The trusses are large. The color is a bright rose shading to a white center.

Ernest Vernet is a plant of short, stocky growth. The florets and trusses are large. The color is a light red, spotted lilac and veined scarlet, unusually beautiful.

Jean Lamarque makes a desirable addition to our dark red sorts, being darker than S. A. Nutt. It is compact in growth and abundant in bloom.



Geranium Mrs. Annie Vincent.

Atlantis has a robust constitution and bears immense clusters of brilliant red flowers.

The flowers of Virginia have the color of Carnation Enchantress, but with a white center, and are truly enchanting. The plant is easy to propagate and easy to grow. Its foliage and form are good and it is free in bloom.

Red Wing is a variety of our own raising that we have found reliable as a commercial geranium. It is strong and healthy in growth, easy to propagate and an early and continuous bloomer. Its clusters of flowers are large, much above the average, and each floret is large, quite double and yet wide open. Its color is a deep cardinal, bright, almost dazzling. It is not as dark as S. A. Nutt, but it holds its color better. Its clusters do not get black under the sun. Both in the field and in the greenhouse it holds its color and its petals with great tenacity. It makes a better pot plant than S. A. Nutt and we think it will divide the honors with it as a bedder. The last, but not the least, of its good qualities, is that it sells itself.

I would also like to mention two single geraniums of special merit, of recent introduction; i. e., Mme. A. Lacadre and Pamela. The latter is as beautiful as an orchid. F. H. DE WITT.

NAME OF GERANIUM.

Please name the enclosed geranium sample. W. & S.

It is Jacquerie, as near as I can tell from the flowers as received. C.

EUROPEAN NOTES.

In Edinburgh a movement has been on foot to suitably recognize the jubilee of James Grieve, Redbraes Nursery, who completed fifty years' connection with the Edinburgh nursery trade in November. He entered the employment of Dicksons & Co. in 1859 and rose through various stages to the position of general manager, resigning several years ago to commence business with his sons, under the title of James Grieve & Sons. Probably he is more widely known than any other nurseryman in Scotland, and he is recognized as the foremost authority on pansies and violas. He has many friends in the United States, some of whom he assisted and counseled in their young and struggling days.

William King, for the last five years manager and secretary for the old established firm of James Backhouse & Son, Ltd., York, and one of the most promising young men in the trade, has resigned to take up a more lucrative position in connection with the development of the Duff estate, in Scotland, where landscape gardening on an extensive scale will give scope for his able management.

Protheroe & Morris, horticultural auctioneers, London, realized a number of high prices for orchids under the hammer a few days ago. Cypripedium Charlesworthii Bromilowianum went for 140 guineas, as did also a plant of Cypripedium Bromilowæ. Several others were sold at prices varying from 40 guineas to 50 guineas each.

Mansell & Hatcher, Ltd., Rawdon, Yorkshire, whose orchid collectors penetrate into the interior of Burmah, are causing quite a surprise in the horticultural world with the fine bulbs of Lilium sulphureum which their collectors have sent over during the last two years, and another consignment of 5,000 bulbs is on its way. The variety has long been known in England, but has always been scarce, and until this firm's collectors took it in hand bulbs were never seen in such quantities or of such fine quality. The handsome flowers are borne several on a stem, often measuring ten inches in length. They are of a bright sulphur yellow, toning to cream toward the edges, and emit a delicious perfume. Of remarkable substance, they last a long time in perfection. They are popularly known as the lilies of Burmah, and are as easily grown as the Japanese or Bermuda lilies.

Growers of liliums, lily of the valley, eucharis and other choice white flowers for Covent Garden are experiencing a brighter time than usual, as good prices are being made all round, and fortunate are the growers who have supplies to send in.



Geranium Pamela.

Apropos of eucharis blooms, a story reached me lately of a grower who sent consignments to a Covent Garden commission salesman when the ruling prices barely covered freight and commission. Result: He did not send again. On the market rising, the commission man cabled to the grower to send more eucharis, and received a reply to this effect: "The shock received by my plants on learning the low prices returned for the last consignment caused them to cease flowering; they have not recovered from it yet, and I have no flowers to send." BEE.

MORTON, ILL.—Work on Rudolph Oswald's greenhouse is progressing, the boiler-room and potting house now being completed.

BERLIN, N. H.—Mrs. H. E. Smith & Co. have enlarged and remodeled their greenhouses. Business is increasing and the additional space was much needed.

CHRYSANTHEMUMS

IVORY, THE MONEY-MAKER.

After all is said and done, the annual increase in the size of the chrysanthemum novelties does nothing to impair the usefulness of Ivory. If there is any other variety of chrysanthemum which has made more money for the growers than Ivory has made, it is Bonnaffon, but among whites Ivory does so well for all the growers, and sells so well in all the stores, that it is entitled to the place it holds among commercial growers. The accompanying illustration of a house of Ivory is reproduced from a photograph taken in the Rosemere Conservatories, Dorchester, Mass. David Ring was the grower.

SCOTTISH MUM SHOW.

The annual chrysanthemum show under the auspices of the Scottish Horticultural Association was held in Edinburgh, November 18 to 20. With the thermometer registering 18 degrees, curlers and skaters were enjoying themselves on the ice to their heart's content, but the arctic weather conditions had a chilling effect upon exhibitors and exhibits. The show was held, as usual, in the spacious Waverley market, a most convenient site and an ideal show-ground, when the city is not in the grip of winter. There is no provision for artificial heating and the frosty air and icy chill penetrated every corner, and while there might be differences of opinion as to the merits of the exhibits, all were agreed that it was the coldest show they had ever attended. Naturally some of the plants and flowers suffered, but apart from this, it was a great and grand show. The contest for supremacy was as keen as the frost, over 3,000 blooms being entered in the competitive classes. The features of the show were the excellence of the Japanese blooms in the leading classes, the fine decorative vases of singles and the extensive display of bouquets, baskets and other floral work.

The City of Edinburgh cup and £20 for the best fifteen vases of Japanese varieties was won by Alexander Morton, gardener, Cullen House, Cullen, who obtained 139½ points. His varieties were Lady Talbot (10), Lady Conyers (9), Reginald Vallis (9½), Bessie Godfrey (8½), Mrs. A. T. Miller (11), W. G. Mileham (7), Algernon Davis (10), Mme. G. Rivol (8½), Mme. P. Radaelli (10½), Miss Hickling (9½), W. Beadle (10), Victoria and Albert (8), Elsie Fulton (8), Edith Judson (10½), J. H. Silsbury (9½); total, 139½ points. The points are awarded for the following: Form, 3; depth, 3; color, 3; finish, 3.

David Nicoll, Rossie, Forgandenny, was second with 137½ points, and in his collection was found the best bloom in the show, Mrs. A. T. Miller, to which a gold medal was awarded. James Beisant, Castle Huntley, was third.

The Scottish challenge cup for eight vases of Japanese was won by John Finnie, Summerhill, Shandon, with F. S. Vallis (9), Mrs. F. W. Vallis (9½), Lady Talbot (9), Marquise V. Venusta (9½), Bessie Godfrey (9½), Reginald Vallis (9½), Mrs. A. T. Miller (9), J. H. Silsbury (8); total, 73 points; second, L. McLean, Alloa; third, W. Young, Falkland Palace.

Wells & Co., Merstham, were awarded a gold medal for the best novelty in the show, namely, Bessie G. Payne, golden chestnut, with long tubular florets and pure gold reverse, a lovely combination of colors and a flower of fine depth and substance.

Todd & Co., Edinburgh, were at the front with singles, now so popular for cut flower decorations, and the same firm secured leading honors for decorative floral work, with choice arrangements in bouquets, baskets of flowers, etc.

James Glass & Co., Edinburgh, exhibited a large model of the ocean liner Mauretania, worked carefully in colored immortelles, and this was a source of attraction for many of the visitors.

Bee.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

At Philadelphia, November 13, Elmer D. Smith & Co., Adrian, Mich., exhibited No. 299-2-08, light pink, Japanese. It scored as follows: On the commercial scale—Color, 15; form, 12; fullness, 8; stem, 13; foliage, 11; substance, 13; size, 8; total, 80. On the exhibition scale—Color, 8; stem, 4; foliage, 3; fullness, 13; form, 12; depth, 13; size, 30; total, 83.

At Chicago, November 20, James Livingstone, Lake Geneva, Wis., exhibited No. 109, lemon yellow, anemone. On the commercial scale it scored as follows: Color, 30; form, 15; fullness, 15; stem and foliage, 18; total, 78.

At Cincinnati, November 20, Elmer D. Smith & Co., Adrian, Mich., exhibited No. 299-2-08, shell pink, Japanese reflexed. On the exhibition scale it scored as follows: Color, 8; stem, 3; foliage, 3; fullness, 14; form, 12; depth, 14; size, 34; total, 88.

At Cincinnati, November 20, Elmer D. Smith & Co., Adrian, Mich., exhibited No. 201-6-08, white, pink tinted, Japanese. On the exhibition scale it scored as follows: Color, 6; stem, 3; foliage, 3; fullness, 15; form, 14; depth, 14; size, 32; total, 87.

THE SEVERAL SECTIONS.

[A paper by W. H. Waite, gardener to Samuel Untermyer, read before the Horticultural Society of New York.]

There is no need for me to praise the chrysanthemum, for during its six weeks of reign it is supreme. Of all the flowers which we, as florists and gardeners, have to cultivate, there is none showing so many variations in size of bloom, color, habit of growth, etc., as the chrysanthemum. These variations no doubt, together with the fact that its beautiful flowers appear during the waning months of the year, are the secrets of the great popularity of this flower.

There are so many different kinds of chrysanthemums that, in order to study them properly, a division of the genus into sections is necessary. I shall briefly describe these sections, showing examples of each in so far as I have been able to procure them.

True incurved.—This class is not seen

[Continued on page 31.]



A House of that Money-Making Chrysanthemum, Ivory.



Brown and Gold and Autumn Leaves.

KLONDIKE AND DIANA.

It is impossible to show in black and white the attractiveness of a dark brown twig basket filled with Klondike chrysanthemums and well-colored oak foliage.

Klondike is one of the best of the pompon varieties and it has this season enjoyed a much wider use than heretofore. In the hands of a skilled decorator some extremely attractive things can be made with it, and for use on dinner-tables there is nothing in its color that is more useful. Diana, white, is the only variety of the pompons which can claim a greater popularity.

WHITE GRUBWORMS.

Please tell me if you have any remedy for the white grubworm. I have solid beds planted to mums and lettuce at present and they are just full of the pests. I have tried lime, tobacco water, Paris green and bran mixed and have killed a good many, but am not rid of them. I think there is some kind of chemical that I could put in the ground to kill them. If so, please let me know what it is and how I should use it.

When my mums come out I would like to steam the soil well and be sure to get rid of them. Please tell me the best way of doing this, as I have a little steam boiler that I could use. The beds are nine feet wide and 100 feet long and about eight or ten inches deep. E. W.

To clean out the grubworms spoken of, which are undoubtedly the larvæ of the June bug or May beetle and usually hatched in cow manure in the pastures, purchase some carbon bisulphide. It costs about 25 cents per pound-can at retail. Take a pointed stick and bore holes five to six inches deep in your beds, about eighteen inches apart each way. In each hole pour a few drops of the carbon, immediately covering up the hole. Go over the whole bed in this way and you will kill every grub. Do it when the soil is damp, as the fumes of the carbon are then more penetrating. This liquid is explosive, so do not use any naked lights while using it. No injury will result to the plants from its use.

If you are much troubled with these worms, it will certainly pay you to sterilize your soil each season. The largest lettuce growers in the country find that it pays to do this. All weed seeds and larvæ of every kind are destroyed. If you have a small steam boiler and can run a flow and return pipe along each bed, you can easily do the sterilizing yourself. The pipes used should be perforated so as to allow the escape of steam every foot or so. The compost can be mounded up over the pipes so as to allow the heat to be retained longer. Some growers seem to think sterilizing injures the soil, but the majority are of the contrary opinion. C. W.

GOLDEN PRIVET.

The golden privet, Ligustrum ovalifolium aureum, has become popular in England, where there is quite a large demand for it in all sizes, from those in thumb pots to large specimens. The Horticultural Advertiser says it does remarkably well in the suburbs of London. Plants one year established remain evergreen, but those transplanted from the ground lose their leaves the first season. Some growers take them up from the ground and pot them, but these do not prove satisfactory; if potted and plunged in the ground one season, they give little trouble, and even if a few roots come over the tops or through the bottoms of the pots, they may be trimmed off without doing much harm, provided the plants are kept moist both at root and top for a few days.

SOMERSWORTH, N. H.—Business is good at G. S. Ramsburg's. He has been receiving many orders of late from Portland florists.

COUNCIL BLUFFS, IA.—It is reported that J. F. Wilcox is planning the addition of about 150,000 feet of glass to his establishment next spring.

HUTCHINSON, KAN.—Geo. M. Schurr reports that Thanksgiving trade was good, with mums pretty well sold out and carnations in good demand, greater than the supply. He says prospects for the Christmas trade are excellent.

Ferns

TROUBLE WITH BOSTONS.

I am sending you herewith some specimens of Boston ferns that are in bad shape. Will you please tell us what is the trouble with these plants and what we must do to bring them into shape?

C. S.

The specimen in question has been received and examined, but owing to the fact that no particulars as to conditions under which the plants are grown, or the treatment, have been given, it is somewhat difficult to diagnose the trouble. The roots of the plant appeared to be in a normal condition, but the fronds were few in number and badly tipped with dead or nearly dead leaflets. The most reasonable supposition is that the fronds have been locally injured by some treatment they have received, either strong fumigation, or dipping in some insecticide.

There is one more possibility as to the injury indicated, namely, a touch of frost would leave a similar mark on the tender tips of the fronds, though one would not expect Boston ferns to be exposed to that, unless the grower is of a careless type. W. H. T.

NEPHROLEPIS MARSHALLI.

At a meeting of the Royal Horticultural Society, London, England, November 9, H. B. May & Sons, of Edmonton, exhibited a new plumose fern that received a first-class certificate and of which the Gardeners' Magazine has the following to say:

"Notwithstanding the fact that many beautiful varieties of Nephrolepis exaltata are now in commerce, it must be conceded that the newcomer, N. Marshalli, is the most beautiful of them all. Whether it becomes as popular for market as some of its predecessors remains to be seen; but it is certain of wide popularity in private gardens. N. Marshalli is a sport from N. exaltata Amerpohlii, and its wide fronds are finely divided and plumed, so that each frond looks like a graceful piece of the most exquisite moss."

The illustration indicates extremely heavy fronds, finely divided.

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Among the new features of this year's volume is a list of the original organizers and a complete list of the membership at the time of the first convention.

Another new feature is a report by the secretary of what the experiment stations are doing for floriculture, containing a general summary and detailed statements regarding the stations in each state.

The revised rules for the trade exhibition also appear.

The usual list of life and annual members is given, and also a list of pioneer members; that is, those having been members for twenty-five years, as provided at the last convention, and who are, under resolution of the society, especially exempted from further payment of dues.

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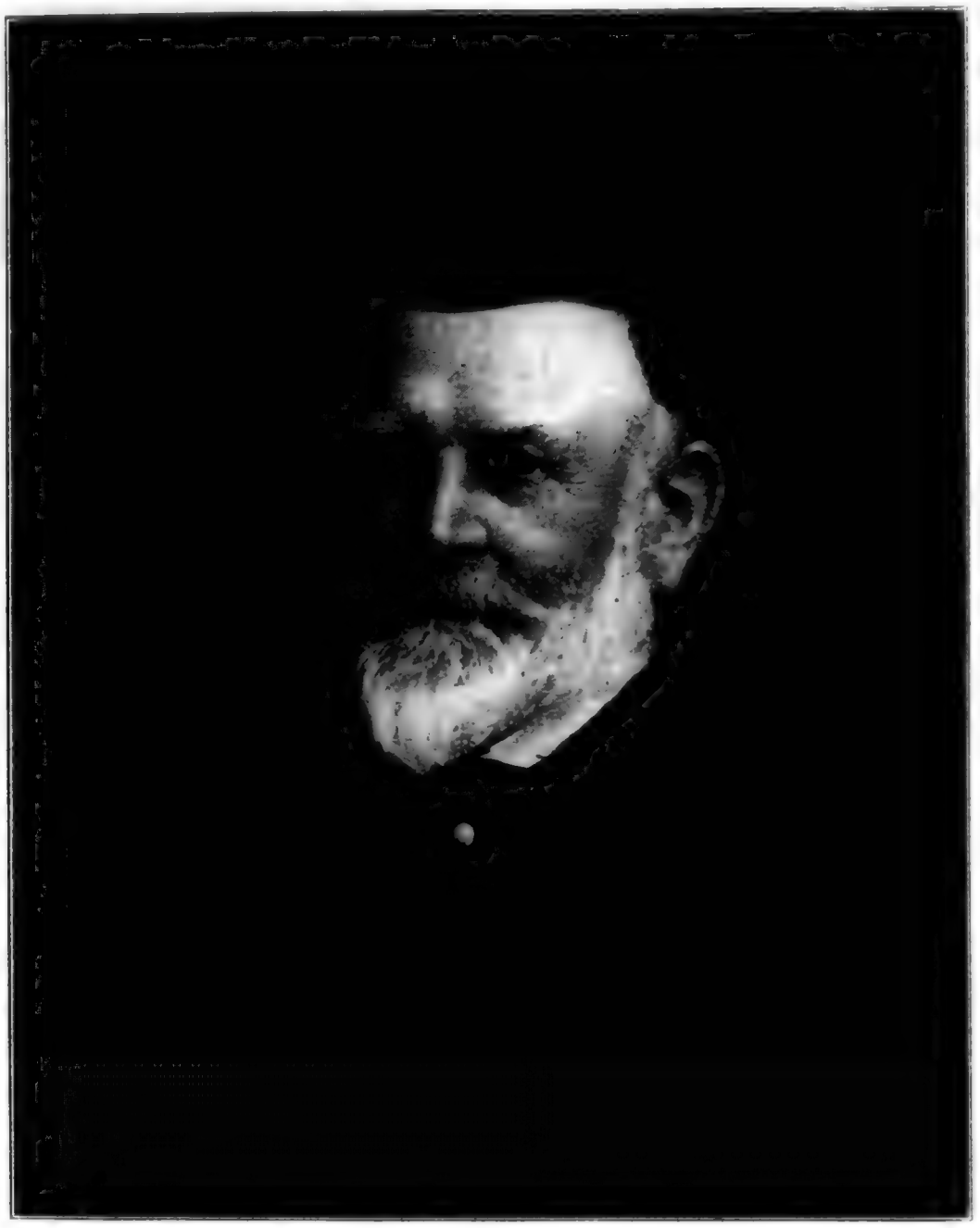
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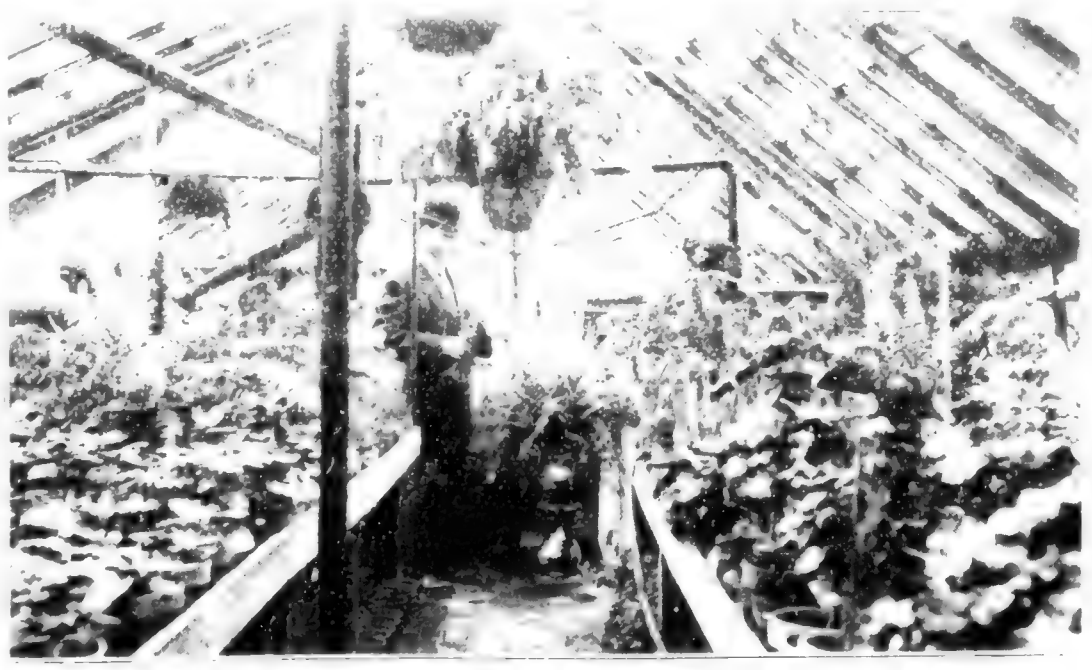
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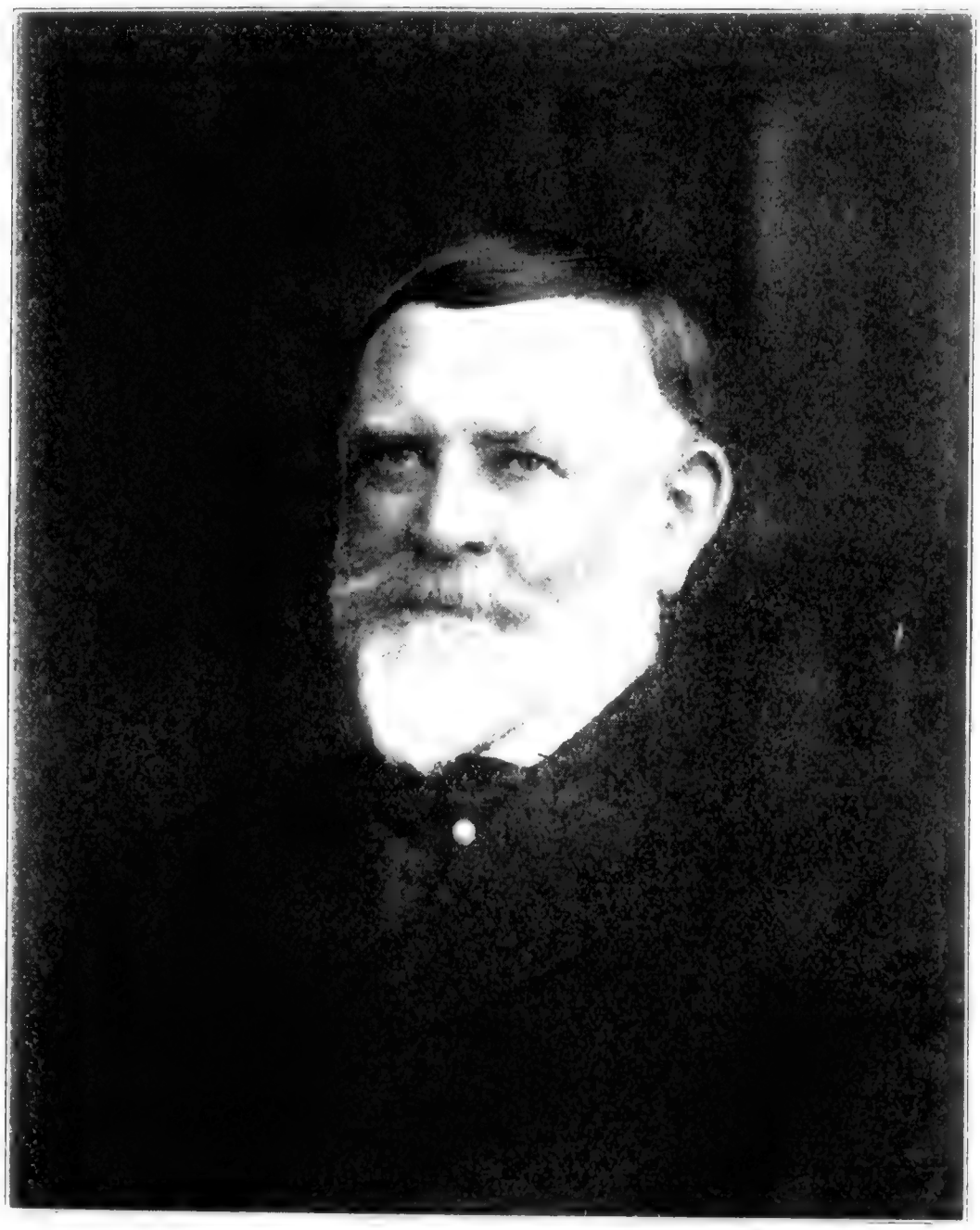
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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1909: President, J. A. Valentine, Denver, Colo.; vice-president, E. G. Gillett, Cincinnati, O.; secretary, Willis N. Rudd, Morgan Park, Ill.; treasurer, H. B. Beatty, Pittsburg.

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Annual convention, Rochester, N. Y., August 16 to 19, 1910.

RESULTS.
We give them. You get them.
We both have them.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

G. W. D., who sends the magnolia leaf, forgot to date or sign his inquiry. Questions perfectly legitimate when they show the writer's identity become impossible to consider when anonymous.

DOES THE BUSINESS.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

Please discontinue my vinca advertisement; stock all sold. The Review certainly does the business.—G. E. Fink, Roselle, N. J., November 20, 1909.

THE GLASS MARKET.

The market for window glass already is responding to the prospect of an early combination of the independent makers of hand blown glass and the prospect is for an almost certain early advance in quotations. The organization of the Imperial Glass Co. is a matter of a large amount of detail, but it is progressing satisfactorily and it appears that early in 1910 the makers of window glass will be in a position to control the output. Practically all the factories using hand labor in blowing glass will be in this new combination, and all the machine glass is in the hands of the American Window Glass Co., which will work in harmony with the new combine. The result will be a possible curtailment of production and a certain withholding of the product from the market except at profitable prices.

Any grower knows that when he has bought 16x18 glass at $2 per box or little more, no manufacturer has been getting rich off such sales. At $2 per box it makes the glass only 4 cents per square foot, delivered many hundreds of miles from the place of manufacture. The fact has been that a good many factories were not in a position to make their own prices, but have been compelled to sell for whatever they could get during the last year or two. As a part of this new combine these factories will be supplied with the means of storing their product against a profitable demand.

Prices have not yet advanced to any special degree, 16x18 having sold recently at low figures for cash in carload lots, but there is already a stiffening tendency and as soon as the combine actually begins to operate prices are pretty sure to go back up the scale to a point where the makers can get some profit. Well informed jobbers in glass say that any greenhouse man who will need quantities in the spring of 1910 will be doing well to buy now, and it is known that some of the large growers who have the capital have bought merely for stock, as a sort of insurance.

THANKSGIVING BUSINESS.

The Thanksgiving business proved to be exceptionally good throughout almost the entire country. The only section from which there is complaint is that part along the Atlantic seaboard, where there was rain of the cold, drizzling, disagreeable character, which keeps people indoors. In practically all other parts of the country the weather was pleasant and the sale of cut flowers greater than ever before at Thanksgiving.

The supply of stock was large, because of the pleasant weather which had prevailed, and the quality of the stock generally excellent. Chrysanthemums were in largest supply where stock is grown by the florists for home trade, and they nearly all cleaned up the season's crop in most satisfying shape. In many cities it was found that the big, fancy mums were slow to move, where the small stock sold well. The reason is that most of the Thanksgiving flowers are for table use and the average flower buyer does not need the decorating grades for a dinner table. Carnations were generally in full crop and sold well. Roses were in lighter supply, but also in somewhat less demand than mums and carnations. Violets appear to have been no more abundant than usual, but in wholesale markets did not realize the prices they have in recent years. Thanksgiving is not a day which calls for high priced flowers. The purchases usually are in small lots for the customer's own use, and after having paid 30 cents a pound for the Thanksgiving turkey the inclination is to go easy on the flowers. Any marked advance in prices only serves to restrict demand.

CHICAGO.

The Great Central Market.

The carnation growers once more had it demonstrated that Thanksgiving is not a holiday to be compared with Christmas and Easter, but more in the line of Memorial day, when large quantities of stock can be moved if prices are modcrate. The fact is, the effort to secure enhanced values for carnations has proved a failure at Thanksgiving year after year, this season the same as last.

The Thanksgiving market was in every way satisfactory, except that accumulated carnations could not be sold. The buyers would not pay more than moderate prices and insisted on having fresh stock. Some consignments that carried marks of age were left unsold and pulled down averages in a disappointing fashion.

Some special fancy stock brought rather good prices, but the ordinary run of fancy carnations could not be sold above $3, $2 was the popular price for good stock and sales of off grades were made as low as 75 cents, and even 50 cents. Violets also were carried over, but roses cleaned up well and chrysanthemums found a satisfactory market.

On the whole, the Thanksgiving trade was better than it usually is. It came after several days of dark weather, which did much to curtail the crops of those who grow part of their own stock or who get a part of their supplies from their home growers. The result was an excellent shipping demand.

Since Thanksgiving the market has been running down hill. Warm weather increased supply and decreased demand, with the result that practically everything is plentiful and carnations bordering on the condition of oversupply. Buy-

Carnations

Largest Supply of Strictly High-grade Stock

Carnations now are in full crop with us—the same uniformly high quality stock that we have shipped in such large quantities in other years. If you are buying Carnations, send us an order—once tried you will use no other. :: :: :: ::

Killarney

If you and your trade appreciate nice, clean stock of Killarney, you will become a steady buyer once you try our stock. It certainly is fine—a good proportion of the "special" lengths, but mostly "selects" (medium to long), that every retail store can sell in quantity if the customers only see them. We want you to try these now, so we shall be sure of your order for Christmas, when we shall have a big cut of Specials and all other lengths.

BEAUTIES

You can order Beauties of us with the certainty that you are drawing on the best stock in the west. Fine, large heads on all lengths of stem, but mostly medium to long; excellent color, perfect foliage, strong stems—order some and see.

VIOLETS

If you offer your trade our Violets it will increase your sales. Send us an order and you will agree we have "the cream of the Hudson River doubles," also the best fragrant home-grown singles. Try some today.

Green Goods

Use Smilax in your decorations. We can supply it by the hundred or thousand. Always the best ferns in the country. Plenty of Asparagus bunches. All other Greens in large supply.

Fancy Valley Always on Hand

Current Prices

AMERICAN BEAUTY	Per doz.
Long stems	$5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.25
Short	per 100, $8.00

	Per 100	
Killarney, special		$12.00
" select	$ 8.00 to	8.00
" seconds	4.00 to	6.00
Richmond, special	10.00 to	12.00
" select		8.00
" seconds	4.00 to	5.00
My Maryland, special		10.00
" select	6.00 to	8.00
" seconds	3.00 to	4.00
White Killarney, special		12.00
" select	8.00 to	10.00
" seconds	4.00 to	6.00
Maid and Bride, special		8.00
" " select	5 00 to	6.00
" " seconds	3.00 to	4.00
Mrs. Field	3 00 to	6.00
CARNATIONS		
Common and short	1.50 to	2.00
Select, large and fancy	2.00 to	3.00
MISCELLANEOUS STOCK		
Violets, fancy N. Y. doubles	1.00 to	1.2
" fancy single	.75 to	1.00
Chrysanthemums		
Large and fancy, doz., $3.00		
Medium.....doz., $1.50 to 2.00		
Pompons, 35c to 75c bunch (about 50 flowers)		
Bouvardia, fancy	4.00 to	5 00
" short	2.00 to	3.00
Sweet Peas	1.00 to	1.50
Valley	3.00 to	4.00
Easter Lilies.....per doz., $2.00		15.00
Stevia		2.00
Paper Whites		3.00
DECORATIVE		
Asparagus Plumosus, per string	.60 to	.75
" " per bunch	35 to	.50
" Sprengeri....per 100	2.00 to	6.00
Adiantum "	1.00 to	1.25
Farleyense "	10.00 to	12.00
Smilax.....per doz., $1.50		12.00
Ferns.....per 1000, 1.50		.20
Galax, bronze.... " 1.00		.15
" green..... " 1.00		.15
Leucothoe		.75
Boxwood.....35c bunch; $7.50 case		
Mexican Ivy.....per 1000, $9 00; per 100, $1.00		

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Reliable Christmas Greens

We do not claim cheapness for our Christmas Greens **except** as "the best is always the cheapest," and this is specially true of Holiday Greens. It is **quality you want and we offer.** Don't be caught by lower prices; be sure of the quality. Here is as cheap as the best stock can be sold.

MOUNTAIN LAUREL
Medium Laurel Wreathing, per 100 yds..$6.00
Heavy Laurel Wreathing, per 100 yds... 8.00
Branch Laurel, per bunch..... .75

BEST DELAWARE HOLLY
XXX Brand. Well berried, in full size cases.
Per case.....$ 5.00
5 cases..... 23 75
10 cases..... 45.00

WILD SMILAX
Best grade obtainable. 50-lb. case.....$5.00

HOLLY WREATHS
12-inch, single, per dozen.....$ 2.00
12-inch, single, per 100..... 12.50
12-inch, double, per dozen..... 3.00

WINTER BERRIES
Per case.....$ 3.00
5 cases..... 14.00

CHRISTMAS EVERGREEN WREATHING
Medium, per 100 yds.....$3.50
Extra Heavy, per 100 yds..... 5.00

EVERGREEN WREATHS
12-inch, plain, double, per dozen.....$1.50
12-inch, with Immortelles, per dozen.... 2.00

MISTLETOE—Quality the best.
1 lb.....$0.25
5 lbs..... 1.20
10 lbs..... 2.25

ITALIAN BOXWOOD
Per bunch.....$0.25 50-lb. case.....$7.50
This is especially imported and is of the finest quality.

All prices on above goods subject to changes. Send for complete illustrated Price List of Christmas Specialties.

Order Now—CHRISTMAS RIBBON—Order Now

Red and Foliage Green. No. 5, per bolt, 25c. No. 16, per bolt, 60c. No. 22, per bolt, 75c. No. 40, per bolt, 90c. No. 80, per bolt, $1.00.

JAPANESE AIR PLANT
Large lot of specially fine bunches just received.

CORRUGATED BOXES
Just what you need for shipping Wreaths, etc.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

ers are not yet taking hold of carnations the way they did last season, perhaps because of the several weeks of unusually high prices early in the autumn. The stock now is fine, plentiful and cheap and it ought to move better than it does.

The supply of Beauties has increased, as well as the supply of all other roses. Killarney continues to be the king of the market. Some of the wholesalers say there is more call for Killarney than for all other roses combined, but Richmond is now enjoying better sale. White is plentiful, though Kaiserin has about dropped out.

Violets did better for the few days after Thanksgiving than they did earlier in the week. Evidently some of the growers were so busy picking the turkey bones that they forgot to pick violets. The supply was short Saturday. The quality of most of the shipments reaching this market is superlatively good, but prices are not up to last year.

Chrysanthemums are by no means over. Some of the stock has that ragged, faded look that comes with the end of a hard season, but there still is a large supply of the big, fancy flowers in both white and yellow. For the moment, white seems to have the call. Small mums of really good quality are scarce.

Lilies are abundant and callas are coming in. Romans are now bracketed with Paper Whites. Sweet peas are increasing, but are not yet an important item. Stevia is everywhere. There is a little bouvardia. Cattleyas continue extremely scarce.

The greens market shows little change; business in this department is steady.

The November Business.

The warmest November in the history of the United States Weather Bureau hardly could prove an exceptionally good month for business. It is true that a number of wholesale houses find their sales total a higher figure than in any previous November, but it is due to the much greater quantity of stock handled, a quantity so great that a good aggregate of sales resulted in spite of the low prices that prevailed during most of the month. The second and third weeks of November were marked by severe gluts of roses and mums, and the last week saw carnations accumulate, but there was a spurt just before Thanksgiving that not only went a long way toward making a good total for the month's sales but shows what may be expected as soon as settled seasonable weather permits business to strike a steady gait.

The market must of necessity turn over more stock and more money than ever before, for there has been an extremely large addition to the glass area since last season, but there are two more wholesale houses pushing for business, and competition is the life of trade.

Various Notes.

For a number of years the E. Wienhoeber Co. has sent each of its regular customers an engagement book at the opening of the social season. This year the book was of even higher class than heretofore, the illustration at the opening of each month being in colors, a work of real art. Several were reproductions of photographs taken by the Review. Enclosed with the book when it was sent out was an engraved card inviting attention "to the unusually well selected collection of imported and domestic pottery, glassware and brass goods for use with plants and cut flowers displayed at their store and greenhouses."

John Sterrett, who has been a well known figure in the market for years, now with the Benthey-Coatsworth Co., recently acquired a farm of ten acres in Keystone valley in Florida. Mr. Sterrett served through the Civil war and in the battle of Stone River was shot three times inside of thirty minutes. It is the pension money Uncle Sam has paid him that went into the Florida farm. Mrs. Sterrett is now in Florida looking after the property.

Aphine

Is the new insecticide discovery which kills plant lice of every species.

Effective indoors and outdoors.

Now on sale from Coast to Coast.

If your supply house does not handle Aphine, write us for name of our nearest selling agents.

GEORGE E. TALMADGE, Inc.
Madison, N. J.

Mention The Review when you write.

Willie Abrahamson is said to be now located permanently in Denver.

The sympathetic growers at Rhinebeck who have the really good violets, seem to be assisting their less successful brethren to realize the same price per bunch for inferior flowers as the better stock brings. Some of the best growers are bunching with regard to size of bunch rather than to number of flowers in the bunch. The retailers complain and claim a shortage when a bunch contains only forty or eighty violets, instead of fifty or 100, but many of the wholesalers are now billing their violets at so much per bunch, and not at so much per hundred. When the bunches are all of a standard size the man with the best stock does not seem to get as much out of it as he would if his bunches, as well as his flowers, were larger than the other fellow's, because of full count. It is an old idea for the man with small violets

FANCY STEVIA

$1.50 per 100. We have a large supply of fancy stock and can quote you special on thousand lots.

Carnations The best in the city, $2.00 to $4.00 per 100; $20.00 to $30.00 per 1000. Our supply is large and quality good.

My Maryland	$6.00 to $12.00	per 100
Killarney	4.00 to 12.00	"
Richmond	3.00 to 12.00	"
Maids and Brides	3.00 to 10.00	"

Our Roses are now just coming into crop and the quality is fine.

Violets

The Violets we handle are considered the finest coming into the Chicago market.

Xmas

We are booking orders now for Xmas, and can quote you prices now that will insure your placing your orders at once.

Fancy Valley always on hand, $3.00 per 100; extra select, $4.00 per 100. Finest Fancy Ferns, $1.50 per 1000.

MEXICAN IVY, 75c to $1.00 per 100. WILD SMILAX—headquarters for the best grade of stock.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments 19-21 Randolph St., Chicago

Mention The Review when you write.

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS

Carnations, common.....$2.00 per 100; $15.00 per 1000
Carnations, fancy..... 3.00 " 25.00 "

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.50; 5000, $6.25.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist

311 MAIN STREET, Phone M-980 CINCINNATI, OHIO

Mention The Review when you write.

to put in extra count to improve the appearance of his bunches; now we seem to have the opposite plan.

J. A. Mendel, who has two retail stores on West Eighteenth street, has begun the manufacture of wire frames for his own use and to wholesale, securing two of the wire workers of the Chicago Rose Co. and starting business November 29.

Peter Reinberg the other day was offered a car of 16x18 glass at such a low figure that he considered it a good purchase, even if only to put in stock for making repairs. But the chances are it means a few more new houses next spring.

The Florists' Club will have its regular monthly meeting at the Union restaurant December 2.

F. A. Thompson, the head of the Detroit concern which manufactures E. H. Hunt's To-Bak-Ine, has been in town this week on a visit.

Harry Manheim, of the J. A. Budlong staff, celebrated his tenth wedding anniversary November 29.

The Winterson Seed Store received a carload of Japanese lilies and irises November 27.

Hoerber Bros. are now using for their shipments from the greenhouses to the store the corrugated board boxes obtained of Thompson & Norris Co., Brooklyn, N. Y., and Brookville, Ind. These boxes fasten with a tin staple at the corners, which gives a rigidity the users like. They also are made with a special board inside which does not soften up when a little water comes in contact.

The Poehlmann Bros. Co. again has its stock of Cardinal rose in good crop. When this variety is in its best shape there is nothing finer in red.

Frank Johnson, of the A. L. Randall Co., has spent a week at St. Louis and other cities southwest.

Miss Ida Evert, who sells the stock of her brother, John Evert, in the Flower Growers' Market, says Mr. Evert's chrysanthemums will last another month.

John Sinner, manager of the Flower Growers' Market, says the remodeling of the building will begin early in January. The remodeled structure will have an entrance to the market on both the Randolph street and Wabash avenue sides, which is expected to be a help to the floor, as it will make it a short cut between the stores of Kennicott Bros. Co., Vaughan & Sperry and the Randall Co., just as buyers now go in at one side of the Atlas block and come out on the other.

George Walther is starting his second month as a wholesaler and says he finds the work not nearly so hard as retailing.

Miss Martha C. Gunterberg reports an exceptionally brisk sale for first-class mignonette.

E. C. Amling says he looks for Christmas to make a new record for volume of business in this market.

Bassett & Washburn think well of the Rhea Reid rose. It sells well with them.

Kyle & Foerster have been investigating some new sources of fern supply and say it is interesting to note what different grades some shippers consider good stock. From some of the correspondence it would appear that the Chicago market requires better ferns than are thought necessary at other places.

John Zech says the shipping trade has been coming in spurts since Thanksgiving. November 29 was an unusually busy day with them.

The bowlers did not roll Thanksgiving day.

CLEVELAND.

The J. M. Gasser Co. reports a good Thanksgiving trade, with yellow chrysanthemums in the lead, closely followed by pink and white mums. Stock was above the average this year and finer flowers were never sent out. Prices averaged about the same as in former years.

Violets were not much sought for, though the weather was ideal and general conditions were favorable. Carnations were also a disappointment, as the demand was light, though better stock was never offered. D.

MOLINE, ILL.—Peterson & Eckstam Bros. have opened their new store at 540 Tenth avenue.

GARDNER, MASS.—George E. Tourtellot has completed his greenhouses on Highland avenue. Leroy Oliver, who is to help run the plant this winter, has moved from his home on North Main street into the Graham house on Highland avenue.

Try these now, so as to know what to order for Christmas

Roses :: Violets

Best Beauties, Fancy Carnations

The North and Northwest, where the florists all are doing a big business, are learning to rely on Milwaukee for their Cut Flowers. Large supply and the quality second to none in the whole United States. The superior quality of

Milwaukee Stock Was the Notable Feature of the Fall Shows

Buyers who have not yet tried Milwaukee stock should send us an order now. The stock and service will cause you to become a regular customer. Time to think about the holidays.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write.

COLUMBUS, OHIO.

The Market.

Trade was heavy for Thanksgiving, with plenty of stock. There was a fine lot of mums and they were cleaned up nicely. The supply from now on will be light, as they are nearly all cut out, except a few of the late varieties. Carnations were in good supply and the demand was heavy as usual, with prices about right. Roses were in fine crop, but moved rather slow. The demand for Beauties was a little light, but the supply was rather short. Violets proved good sellers and were cleaned up early in the day. Pot plants moved rather slowly, as the bulk of the business was done on cut stock and mums had the preference over all. Prices were satisfactory and all the firms are pleased with the business done. It is doubtful if there ever was as much stock to dispose of as there was last week. While all the trade like to see mums come in, they are equally glad, when the season is over, to see them cleaned out of the way to make room for roses, carnations, etc., which always have to take a back seat while mums are holding full sway.

There has been considerable funeral work lately and right at Thanksgiving time it was exceptionally heavy.

Trade is a little quiet this week compared with last, but we all have our thoughts now on the holiday rush, which is only a little way off.

Various Notes.

The Florists' Club held a regular meeting in the Brent building, Tuesday evening, November 23. The dance committee made such a good report on the last dance that it was decided to have another. Thursday night, December 16, was selected as the date. The committee expects to outdo the last one, when there were over eighty couples present. The club, by giving these dances, creates a new interest in the club and brings the members more in touch with one another.

The Fifth Avenue Floral Co. is cutting some fine carnations and roses and will have some late mums that will be good.

PETER

Reinberg

Wholesale Cut Flowers

35 Randolph Street, CHICAGO

Current Price List

American Beauties	Doz.
Long stems	$4.00
30-inch stems	3.00
24-inch stems	2.50
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25
Short stems	$0.75 to 1.00

ROSES	Per 100
Richmond	$4.00 to $10.00
Bride	4.00 to 8.00
Maid	4.00 to 8.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Uncle John	4.00 to 6.00
Killarney	4.00 to 8.00
My Maryland	4.00 to 10.00
Mrs. Field	4.00 to 10.00
Carnations	2.50 to 3.00
Mums, doz., $1.50 to $3	
Ferns, per 1000,	1.50
Asparagus, bunches	.50 to .75

ROSES, our selection, $4.00 per 100

WIETOR BROS.

Wholesale Growers and Shippers of

Cut Flowers

51 Wabash Ave., Chicago

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stems	$4.00
30-inch stems	3.50
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
Short	.75

	Per 100
Bridesmaid and Bride	$ 3.00 to $ 6.00
Killarney	3.00 to 8.00
White Killarney	3.00 to 8.00
Mrs. Jardine	3.00 to 8.00
Richmond	3.00 to 8.00
Uncle John	3.00 to 6.00
Perle	3.00 to 6.00
ROSES, our selection	3.00
Carnations	2.00 to 3.00
Mums, doz., $1.50-$3...	
Harrisii	15.00
Valley	3.00 to 4.00
Adiantum	1.00
Sprengeri, per bunch,	.50
Ferns, per 1000,	1.50
Galax, per 1000,	1.50

The Livingston Seed Co. received the first holly last week.

Sherman Stephens reports business good and mums about cleaned up, with other stock coming in fine.

The Munk Floral Co. says its mums are about all cut, except a few late ones. Other stock is fine.

E. Metzmaier reports heavy business for Thanksgiving and on funeral work. It kept his people busy.

G. Drobisch reports good business for Thanksgiving and quite a lot of funeral work thrown in.

Franklin park had quite a show of mums lately in the large conservatory. They were all pot grown and some good blooms were to be seen. They were arranged with the palms, ferns, etc., and made a good showing, drawing large crowds on Sundays.

Wm. Graff is doing a large business these days. He pushes all the time.

J. M.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

Specially Fine Roses

If your trade calls for the best long Roses, we have long, fancy stock in large quantities in all leading varieties, but especially in

Killarney and My Maryland

Of course we have plenty of medium and shorter roses for all orders. Can meet any demand in the rose line.

Roses and Carnations--Large Supply

Write or wire for special prices on large lots.

CURRENT PRICE LIST

	Per doz.
AMERICAN BEAUTIES	
Extra long specials	$5.00
30 to 36-inch	4.00
24-inch	3.00
18 to 20-inch	2.00
15-inch	1.50
Short	per 100, $6.00 to 8.00

	Per 100
WHITE KILLARNEY, extra long, fancy	$10.00
Long	8.00
Medium	6.00
Short	4.00
MY MARYLAND, extra long, fancy	10.00
Long	8.00
Medium	6.00
Short	4.00
KILLARNEY, fancy	10.00
Long	8.00
Medium	6.00
Short	3.00
MAID and BRIDE, select	6.00
Medium	4.00
Short	$2.00 to 3.00
RICHMOND, fancy, long	8.00
Medium	4.00 to 6.00
Short	2.00 to 3.00

	Per 100
CARDINAL, extra long	$12.00
Long	10.00
Medium	8.00
Short	6.00

	Per 100
CARNATIONS, fancy	$ 3.00
" select	2.00
" splits	1.50
CHRYSANTHEMUMS—	
Wh te and yellow, fancy, per doz., $3.00	
VIOLETS, New York Doubles	$ 0.75 to 1.00
Singles	.60 to .75
HARRISII LILIES	doz., $1.50
VALLEY	3.00 to 4.00
PLUMOSUS SPRAYS, SPRENGERI	3.00 to 4.00
PLUMOSUS STRINGS, extra long	60.00 to 75.00
SMILAX	per doz., $2.00
GALAX	per 1000, 1.50
FERNS	" " 1.50
ADIANTUM CROWEANUM	1.00
LEUCOTHOE	.75

WILD SMILAX, 50-lb. case, $5.00; small case, $3.50.

EXTRA SPECIAL ROSES CHARGED ACCORDINGLY.

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

KANSAS CITY.

The Market.

We have passed through one of the best Thanksgiving weeks we have ever had, and the weather was ideal. In the beginning stock was quite plentiful, but Wednesday the demand was heavy and all good stock sold rapidly. Yellow chrysanthemums took the lead, as that is one of the Missouri University's colors. The game of football is played here every Thanksgiving day between the University of Kansas and the University of Missouri. As nearly all the Missouri followers wore a large yellow mum to the game, by Thursday at 9 a. m. the supply was running short and by 5 p. m., after the game was won by Missouri, the demand for more yellow mums increased, but all stock had been exhausted. All other flowers sold well and by Friday nothing good could be found. Some florists were compelled to telegraph to Chicago for mums, as the local growers were out of stock.

Good carnations are still scarce and the demand is heavy and prices are good. Good American Beauties are very scarce in this market. Narcissus and stevia are more plentiful and go to help out on funeral work. There are no Roman hyacinths on the market as yet. There are some fine sweet peas, but not enough to go around. Some fine violets are being brought in by a truck gardener, who has given his attention to this line only the last two seasons. The blooms are large, single, bell-shaped and long stemmed, but we have not yet learned the name.

Various Notes.

The Geo. M. Kellogg Flower & Plant Co. had an immense business and their supply did not nearly go around.

The Alpha Floral Co. reports, through

KENNICOTT BROS. CO.

48-50 Wabash Avenue, CHICAGO

LONG DISTANCE PHONE, CENTRAL 466.

Handles All Cut Flowers in Season

CURRENT PRICE LIST

AMERICAN BEAUTY	Per doz.
Long stems	$5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short	per 100, $6.00 to $8.00

	Per 100	
Killarney, special		$10.00
" select	$6.00 to	8.00
" seconds	3.00 to	4.00
Richmond, special		10.00
" select	6.00 to	8.00
" seconds	3.00 to	4.00
Kaiserin, special		8.00
" select	5.00 to	6.00
" seconds		4.00
My Maryland, special		10.00
" select	6.00 to	8.00
" seconds	3.00 to	4.00
Bridesmaid	3.00 to	8.00
Bride	3.00 to	8.00
Mrs. Field	3.00 to	8.00
CARNATIONS		
Common	1.50 to	2.00
Select		3.00

Chrysanthemums	Per 100	
Extra fancy	doz., $3.00	$20.00
Medium	doz., $1.50 to 2.00	$10.00 to 15.00
Small		6.00 to 8.00
Pompons and singles, per bunch	35c to 75c	
Valley		3.00 to 4.00
Easter Lilies	per doz., $2.00	15.00
Violets		.75 to 1.00
Sweet Peas		.75 to 1.50
Stevia		2.00
Paper Whites		3.00
DECORATIVE		
Asparagus Plumosus, per string		.50 to .75
" per bunch		.35 to .75
" Sprengeri	per 100	2.00 to 6.00
Adiantum		.60 to .75
Smilax	per doz., $1.50	10.00
Ferns	per 1000, 1.50	.20
Galax, bronze	per 1000	1.00
" green	"	1.00
Leucothoe		.75

Boxwood 35c per bunch; $7.50 per 50-lb. case

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

Wild Smilax Always on hand for immediate shipment. Large cases only, $5.00 each; two or more at $4.50 each.

Mention The Review when you write.

one of our daily papers, that their trade on Thanksgiving day was twenty-five per cent greater than last year.

Miss Lillian Humfeld, whose hands were poisoned by Primula obconica, has been absent from business for about two weeks, but is now able to be at her desk again.

Judging by the large pile of orders we saw packed ready for delivery, at the William L. Rock Flower Co., they must have had a rushing business.

Almost all of the florists in the city were lined up for more stock on Thursday, but could not be supplied.

The W. H. Humfeld Floral Co. reports good business. They were kept busy with several weddings during the week.

Arthur Newell reports trade as being exceptionally good and he could have sold more if he had had more stock.

The Holland bulb and azalea agents are making their appearance again. We had two representatives to call on us last week. They report that they are taking good, large orders. W. H. H.

BALTIMORE.

The Market.

The Thanksgiving business this year was well up to the standard set by previous years in volume, but the quality of some stock was inferior to what it has been for some time past. This fact, coupled with the large quantities of stock poured into the market, caused a large amount to be moved off at low prices. This was particularly true of roses, chrysanthemums and carnations.

There seems to be a tendency to attach too much importance to this holiday, among growers who are not in the market themselves, with the result that considerable quantities of stock are pickled in anticipation of a tremendous rush of business, which does not, as a rule, materialize.

This year the weather undoubtedly affected the market here to a great extent. There was bright weather up to Tuesday and then a cold, raw temperature and high winds, with rain, which later turned to snow and sleet, the first snow of the season. The snow fell the entire day and night on Wednesday and melted nearly as fast as it fell. About three inches fell, by weather report. If Thursday had been warm, the volume of local business would have been tremendous.

After the flurry incident to the holiday, business settled down to a good, healthy condition, with better grades of stock arriving, in quantities better suited to the demands, and as a consequence bringing steadier prices.

Carnations look better than during the latter part of last week. Chrysanthemums hold out pretty well, but are beginning to show old age, except Nonin and Helen Frick, which are gobbled up on sight. Roses are overstocked in almost every color. Sweet peas are to be had in small quantities.

Various Notes.

The Maryland State Horticultural Society holds its annual exhibition of fruit and flowers December 2 and 3, at the Fifth Regiment Armory. The exhibits are divided into three classes—fruits, vegetables, and flowering and ornamental plants. It is one of the largest exhibitions ever held here. Lectures are given by state experts. Wm. F. Gude, of Washington, will address the evening session on "Practical Floriculture."

Henry Fischer had three fine vases of seedling mums at the last meeting of the Florists' Club. One white variety made an average of eighty-five points. G. A. Lotze had a vase of fine mums, incurved, dark pink of the shade of Amorita, which were awarded a certificate of merit and

EVERY now and then a well-pleased reader speaks the word which is the means of bringing a new advertiser to

THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florists' use not at present advertised.

FLORISTS' PUBLISHING CO.
530-60 Caxton Bldg. Chicago

CARNATIONS

This is Carnation season and we are in line to handle a big volume of business—can ship any grade from good to extra fancy, in large quantity at short notice. Special prices on 1000-lots.

We Have Some Specially Nice White Mums

Beauties and All Roses

SEND ALONG THE ORDERS

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

AMERICAN BEAUTY	Per doz.
36 to 40-inch stem	$5.00
24 to 30-inch stem	$3.00 to 4.00
18 to 20-inch stem	2.50
12 to 15-inch stem	1.50 to 2.00
Short stem	.75 to 1.00
	Per 100
Bride	$4.00 to $ 8.00
Bridesmaid	4.00 to 8.00
Kaiserin	4.00 to 8.00
Killarney	4.00 to 10 00
White Killarney	4.00 to 10.00
My Maryland	4.00 to 10 00
Mrs. Field	4.00 to 10.00
Richmond	4.00 to 10.00
Carnations, good	1.50 to 2.00
" fancy	2.50 to 3.00
Chrysanthemums, fancy, doz.	$3.00
" medium, doz	$1 50 to 2.50
" small	6.00 to 10 00
Violets	.75 to 1.00
Valley	3.00 to 4.00
Harrisii Lilies	15.00
Callas, per doz.	$2.00
Asparagus, per string	50c
" Sprengeri, per bunch	.25 to .50
" Plumosus "	.50 to .75
Galax, green, per 1000	$1.50; .15
" bronze "	1.50; .15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax, per doz.	$1.50 12.50
Fancy Ferns, per 1000	1.50 .20
Boxwood, 50 lb. case	7 50
Wild Smilax, 50 lb.	5.00

Prices subject to market changes.

Mention The Review when you write.

WESTERN

ORCHIDS

Chas. W. McKellar

51 Wabash Avenue, CHICAGO

Headquarters

CUT FLOWER PRICES

For week commencing Monday, Dec. 6, 1909

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to $ 9.00
Dendrobium Formosum, white,	"	4.00 to 5 00
Dendrobium Phalaenopsis, pink	Per 100,	15.00
Vanda Cærulea, white, tinted blue	Per doz.,	3.00 to 4.00
Cypripediums	"	2.00 to 2.50
Oncidium Tigrinum, yellow	Per 100,	10.00
Assorted, selected flowers	Per box,	5.00 to 25.00
Gardenias	Per doz.,	4.00 to 6.00
AMERICAN BEAUTY—Specials	"	5 00
30 to 36-in	"	3.00 to 4 00
20 to 24-in	"	2.00 to 2.50
15 to 18-in	"	1.50
Short	Per 100,	6.00 to 8.00
Killarney, special	"	8.00 to 10.00
" select	"	5.00 to 6.00
" seconds	"	3.00 to 4.00
Kaiserin, special	"	8.00
" select	"	5.00 to 6.00
" seconds	"	3.00
My Maryland, select	"	6.00 to 8.00
" seconds	"	3 00 to 4.00
Richmond, select	"	6.00 to 8.00
" seconds	"	3.00
Mrs. Field	"	3.00 to 8.00
Bridesmaid	"	3.00 to 6.00
Bride	"	3.00 to 8.00

"Special" Stock billed accordingly

CARNATIONS		
Common, short	Per 100,	$1.50 to $ 2.00
Select	"	3.00
MISCELLANEOUS STOCK		
Chrysanthemums, fancy	Per doz.,	2.50 to 3.00
" medium	"	1.50 to 2.00
" small	Per 100,	5.00 to 8.00
Violets	"	.75 to 1.00
Valley	"	3.00 to 4.00
Easter Lilies, Per doz., $2.00	"	15.00
Sweet Peas	"	.75 to 1.00
Bouvardia	"	4.00 to 6.00
Paper Whites and Romans	"	2.00 to 3.00
Stevia	"	2.00
DECORATIVE		
Asparagus Plumosus	Per string,	.50 to .60
"	Per bunch,	.35 to .75
" Sprengeri	Per 100,	2.00 to 6.00
Adiantum	"	.75 to 1 00
Farleyense	"	10.00
Smilax, Per doz., $1.50	"	10.00
Mexican Ivy	"	1.00
Ferns, Per 1000, 1.50	"	.20
Galax, green and bronze	Per 1000,	1.25
" " " "	Case 10,000,	10.00
Leucothoe	Per 100,	.75
Wild Smilax	Large cases,	5.00
Boxwood, Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

scored eighty-six points by a committee of three mum experts. Q.

SALEM, MASS.—C. G. Ward & Co. have opened a store at Somerville, Mass., in the new Arthur block, at the corner of Bristol road and Broadway.

NEW ORLEANS.

Current Comment.

The weather has lately been quite favorable for the working of the private gardens. It is now the time to sow English rye grass seeds for our winter lawns, and every gardener is quite busy at the job. Gardening is a business which has been greatly on the increase here during the last few years, and we think that no other city in the United States employs so many gardeners. Besides, they all seem to do well at the occupation.

The culture of cucumbers as a crop to follow chrysanthemums is practiced by many growers here. In fact, some pay no attention to any other crop. Our bright, sunny days in winter are ideal for the growing of these vegetables under glass, and thus they can be grown in large quantities at a time when they command high prices. J. Shackai, H. Baker, the Metairie Ridge Nursery Co., D. Gurtler and H. Doescher are among the most successful growers in this line.

On visiting Mr. Doescher's place, we found him busy rearranging his piping and filling his solid beds with fresh soil from a near-by pasture. His cucumbers were already well advanced in pots and he expects a good return. His field-grown roses are as fine as any around Gentilly avenue, which is one of the richest and highest spots in or about this city. His Boston ferns, of which he makes a specialty, are fast becoming well established after the bad check they received during the September storm.

Abele Bros. have just completed a new sash house, 20x100, to cover a bed of Asparagus plumosus.

BOSTON.

The Market.

Thanksgiving trade was good, particularly when the unfortunate weather conditions are considered. November 24 there was a northeast gale, accompanied by rain, hail and snow, while November 25 was as damp, dreary and cheerless a day as could well be imagined. Had climatic conditions been favorable, it is doubtful if there would have been sufficient flowers to go around. The growers fared better than the retailers. While the latter did a good business, the inclement weather seriously affected it.

Chrysanthemums appeared in large quantities. No high price was made, $3 per dozen being about top notch. Such

Shipping

31 YEARS AT IT

Ever since flowers were first sold at wholesale in Chicago we have been supplying buyers who draw their supplies from this market.

Do you think our experience may be of value to you?

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

		Per doz.
BEAUTIES		
48-inch and over		$5.00
30 to 36-inch	$3.50 to	4 00
24 to 30-inch	2.50 to	3.50
18 to 20-inch	2.00 to	2.50
12 to 15-inch	1.00 to	1.50
8 to 12-inch	.50 to	.75
ROSES (Teas)		Per 100
Bride and Maid	$4.00 to	$ 8.00
Richmond	4.00 to	10 00
Killarney	4.00 to	10.00
White Killarney	4.00 to	10.00
My Maryland	4.00 to	10.00
Kaiserin	4.00 to	8 00
Perle	4.00 to	7 00
Roses, our selection		4.00
CARNATIONS, medium	1 50 to	2 00
" fancy	2.50 to	3.00
MISCELLANEOUS		
Mums, small, doz., $0.75 to $1.00		
" medium " 1.50 to 2.00		
" fancy " 2.00 to 3.00		
Harrisii Lilies		15.00
Valley	3.00 to	4.00
Violets	1.00 to	1.50
Paper Whites		3.00
S evia		2.00
GREENS		
Smilax Strings, per doz.,	1.50 to	2.00
Asparagus Strings, each,	.50 to	.60
Asparagus Bunches, "	.35 to	.50
Sprengeri Bunches, "	.35 to	.50
Adiantum, per 100,	.75 to	1.00
Ferns, Common, per 1000,		1.50
Galax "		1.25
Leucothoe		.75
Boxwood, lb., 25c		
Wild Smilax $2.50, $3 50 and		4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

varieties as Maud Dean, Jeanne Nonin, Dr. Enguehard, Nagoya, Rieman and Bonnaffon were much in evidence. Roses were in goodly numbers, but sales on these were generally satisfactory. The advance was not striking, except in the case of the better grades of Killarney and Beauties. Carnations made $5 for the best, ordinary stock selling at $2 to $3. Enchantress sold just as well as the high colored varieties and was much sought after.

Violets were abundant, selling mostly at 75 cents. Some few went to $1. On these the retailers were heavily overstocked, owing to bad weather. Valley sold well, as did lilies, which were not abundant. There was a moderate supply of Paper Whites and smaller lots of Roman hyacinths. Cattleyas and gardenias made good prices; neither were plentiful.

Among other flowers noted were wallflowers, stevia, snapdragons, mignonette and bouvardia. In green stock there was an active trade. Azaleas, Lorraine begonias, Jerusalem cherries, ferns and palms all had a fair call.

Since Thanksgiving the market has been well cleaned up and prices are holding out satisfactorily. The prospects are bright for good business between now and Christmas.

Various Notes.

Peirce Bros. are handling quantities of well flowered azaleas at their stands in the Park street market.

The schedule committee appointed at the recent S. A. F. committee meeting has been working on the premium list for the spring show of 1911 and has it well advanced.

T. J. Beuwell, the genial representative of the A. H. Hews Co., at the wholesale flower markets, is around again after ten weeks' serious sickness. E. L. Pierce, vice-president of the company, is also able to be at his desk again, much improved. The firm is doing a good fall shipping trade.

Edgar Bros. had an excellent Thanksgiving trade and marketed a fine lot of late chrysanthemums.

Indications are that there will be a good delegation on the Gardeners' and Florists' Club field day to Nashua, N. H., Saturday, December 11. The train leaves North station at 11:30 a. m. Ladies are specially invited.

The death of Carl Jurgens, the noted Newport grower, caused many local expressions of regret. Mr. Jurgens sold a good many of his fine Beauty roses, valley and other flowers through Welch Bros.

H. M. Robinson & Co. report the best Thanksgiving trade they have had and an especially good call for green stock.

J. T. Butterworth is still cutting good Cattleya labiata and has a fine lot of Percivaliana following.

George L. Freeman has been visiting all the local orchid growers during the last few days and reports a big demand. For Odontoglossum crispum he says there is a remarkable call.

Welch Bros. report that but for bad weather the Thanksgiving trade would have broken all records. Beauties, My Maryland, Killarney and Richmond were leaders among roses. The best Beauties made $4 to $5 per dozen. Enchantress was the most sought after carnation. Cattleyas were in much demand, the supply being inadequate. Gardenias sold at $3 to $5 per dozen and are becoming popular. White Bonnaffon and Eaton were leaders in mums. W. N. Craig.

Hoerber Bros.

Wholesale Growers of Cut Flowers

Greenhouses, Des Plaines, Ill.

Store: 51 Wabash Ave., Long Distance Phone Randolph 2758 **CHICAGO**

Mention The Review when you write.

WATERBURY, CONN.

A landmark has disappeared in Waterbury, Conn., by the closing of Alexander Dallas' downtown store, which was the first in town and one of the oldest in the state. The new store, in the center of this busy city, is in keeping with the march of progress. Two large ranges of glass furnish the supply.

Lily of the Valley

For Cut Flowers—Prices, $3.00 and $4 00 per 100. Have an entire house of it and solicit a share of the trade of the Southwest. Satisfaction guaranteed. Shipping facilities are the best and we can handle all orders.

A. E. BOYCE, Bartlesville, Okla.
400 E. 3d St., or Phone 206 Long Distance

Mention The Review when you write.

Saxe & Floto, of Waterbury, are on the rocks, or rather built on rock, for as one approaches their big new plant, immense boulders rise up like sentinels. Lilies by the thousands are forced here all the year around to supply the wholesale trade, which is constantly increasing. Mr. Floto pays close attention to the growing end and showed me the new bulb cellar, where bulbs by tens of thousands are ranged, tier above tier. The desirable tulip, Proserpine, promises to be in at Christmas; a first experiment, and if successful, will be a profitable one. Chrysanthemums are largely grown, Intensity being the best red. I also noted this variety doing well with John Macrae, of Providence, R. I., who considers it the best in its class. This is the home of Golden Dome, which has made good wherever grown. Golden Chadwick and Golden Eagle are popular. Mrs. Brock is a late commercial pink, and Eaton is Mr. Floto's favorite white. M.

Brookline, Mass.—J. W. Howard has opened an attractive store at 1353 Beacon street.

Norwalk, Conn.—R. G. Hanford had charge of the decorations for the Barnum-Olsen wedding, November 11.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.



New Reduced Price List

	Per doz.	100
To fit 4-in. pots	$1.00	$ 7.00
To fit 5-in. pots.	1.10	8.00
To fit 6-in. pots.	1.20	9.00
To fit 7-in. pots.	1.35	10.00
To fit 8-in. pots.	1.60	12.00
To fit 9-in. pots.	1.85	14.00
To fit 10-in. pots.	2.10	16.00
To fit 12-in. pots.	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
W. H. GREVER, Manager
146 Hughes Avenue, BUFFALO, N. Y.
Mention The Review when you write.

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved WREATHS, MOSS WREATHS and METALLIC DESIGNS.

L. BAUMANN & CO.
359 W. Chicago Ave., CHICAGO

NEW YORK.

The Market.

Thanksgiving was almost spoiled by two days of rain and sleet, the first premonition of winter. Everything was advancing to legitimate values at this season, but the storm interfered and the holiday turned out no better than a good Saturday. The business of Saturday, November 27, was generally satisfactory and the outlook now is cheerful. The best Beauties sold at 35 cents to 40 cents and the best of the other roses at 6 cents to 8 cents. Violets sold at from 75 cents down, and carnations at 4 cents, for the novelties and the selected, down to 1 cent, following the lead of No. 2 roses to this bottom. There were many thousands of violets left over from the holiday that suffered a painful shock and fall. One wholesaler received over fifty boxes of them on one train Wednesday, November 24.

There was some pickling for Thanksgiving. Those who held their Monday and Tuesday cuts for higher prices made the usual mistake. It does not pay to pickle.

Rose stock of all kinds is perfect and the market from now on should consume the whole of it, even though some of the large growers average many thousands daily. There never has been so tremendous a showing of chrysanthemums at this time of the year, and in quality I have never seen anything to compare with them. The enormous shipments have kept the price down, even the best not advancing over $3 per dozen. Stock well worth 25 cents other years has been sold at 10 cents and 12 cents. Thousands of good flowers were closed out at $5 per hundred. It was discouraging while it lasted. Fortunately the growers have had a sure outlet, even in these floods, for the wholesale street was never in better shape to handle stock to the mutual advantage of all concerned.

Orchids and gardenias are selling at



Only Three Weeks Before Christmas

Dealers who want the profit of selling the new Christmas Novelty will be obliged to order without further delay. The supply is large, but orders are coming in at a rate that will surely exhaust it. The Anderson

VELVET POINSETTIA

(PATENT APPLIED FOR)

Has Made the Hit of the Year

There is no Other on the Market to Compare With it

If you have not seen one of these truly beautiful flowers, send for a sample. Every live florist will want a supply for the holidays.

$2.50 per doz.; $27.00 per gross. Special prices on larger quantities. Early ordering is advised.

For Sale by Leading Supply Houses in U. S.

OR

S. A. ANDERSON
440 Main St.,
Buffalo, N. Y.

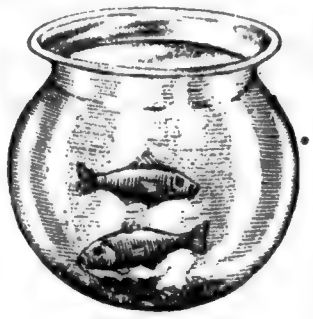
Cut this out and mail
Enclosed find 25c in stamps; mail me sample of Velvet Poinsettias.
Address .....

100 LIVE GOLDFISH FREE

We are giving away, **FREE** of all charge, to one florist in each town, 100 live, healthy Goldfish. The florist can give one Fish to each customer as a premium and thereby increase his regular sales. The majority of people who never handled Goldfish have the mistaken idea that Goldfish die very rapidly and are a great care. Handle Fish as we instruct and you will not lose two out of a hundred and they will be but little care. There is nothing that you can put in your window that will attract more attention than Goldfish.



Special Offer—Here is a Profit for You



INVEST $16.00 IN OUR COMBINATION NO. 10, AND **REALIZE $30.65**

CONTAINS THE FOLLOWING:

12 10c —1 pt. Globes	1 $1.00—2 gal. Globe	100 10c Fish
12 25c—½ gal. Globes	1 $1.25—2½ gal. Globe	25 15c Fish
6 50c—1 gal. Globes	6 Castles, $1.50	6 10c bunches Moss
1 box Pebbles, 10c.	3 small Castles, 45c	48 10c boxes Fish Food

FREE with each outfit, 100 Fish to sell or give away. 250 circulars. One dip net.

If you sell these 100 free fish at 10c each, you will make **$10.00 extra profit, or REALIZE $40.65.**

Imported and American Goldfish, from $2.00 up per 100

We Manufacture WINDOW AQUARIUMS **SEND FOR CATALOGUE**

The Auburndale Goldfish Company, New No. 920 W. Randolph St., CHICAGO, ILL.

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top figures and have been none too plentiful. Good valley is at a premium.

There were too many carnations for the demand last week and prices fell. At times 2 cents would buy the best in the market. One house had a surplus at one time Thursday of 20,000; 50 cents was top that afternoon for violets. Friday the street men had their fill of the surplus at anything they cared to offer. Bulbous stock is coming in abundantly, narcissi and hyacinths especially.

Sunday was like a day in early May. The present week opens with cold and cloudy weather, but there is no frost and no immediate sign of winter. Prophets are already promising a green Christmas. Plantsmen are getting ready for it, and the plant growers are a unit around New York in community of interest and agreement as to reasonable prices.

Various Notes.

Monday, December 13, the last and most important meeting of the year of the Florists' Club takes place. There will be some interesting exhibits and a farewell demonstration by the caterers. For president the contest has narrowed to Harry Turner, the present incumbent; A. L. Miller, the earnest worker and expert plantsman and carnationist, and Robert Schultz, parliamentarian and the Richmond king. It will be a close contest. W. E. Marshall has withdrawn. Robert Berry and Joseph Manda are the candidates for the vice-presidency, both popular and hard workers for the club's interest. John Young, for secretaryship, has practically no opposition on the basis of "let well enough alone." The present treasurer, W. C. Rickards, or J. K. Allen, the ex-treasurer, will, one or the other, carry the key to the club's strong box, and there will be an interesting contest for places on the board of trustees.

S. Jacobs & Sons report a larger demand from the west and far away from New York in every direction this fall than in any year in their long record, while the local trade exceeds all other seasons.

Knight & Struck recently received a considerable importation of Dendrobium Phalænopsis Schroederianum and say they sold out almost immediately.

Bobbink & Atkins, Rutherford, are doing a big business in small evergreens for window-boxes and vases this fall. Their shipments of nursery stock go right on daily and the weather seems to have been especially made for the nurserymen this year.

The estate of John Scott, Flatbush, with David McKenzie as manager, has a large stock of plants ready for the holidays, of every popular variety. The large Scottii ferns are especially noteworthy.

The estate of H. Dreyer, at Elmhurst, is making a fine display of Christmas plants and the entire range is a model of neatness under the management of Girard Dreyer. The establishment is reached easily by trolley from Long Island city.

McHutchison & Co. are still receiving large importations from Japan, England, France, Belgium and Holland, covering about every branch of the trade. They are constantly extending the field of their operations.

Large importations of plants are arriving for all the orchid dealers. The good prices now prevailing for the cut flowers has awakened new and general interest in the orchid and demonstrated that the supply will not exceed the demand for any serious length of time. James McManus says the call for cut blooms has been ahead of the supply for several weeks.

The Stumpp & Walter Co. announces that this season, contrary to the usual custom, they will handle no holly or Christmas greens. For some years they have found this department of the enterprise unprofitable and unsatisfactory.

C. C. Trepel has made a big success of his retail enterprise at Bloomingdale's. His sales have quadrupled since he took the helm. Mrs. Trepel has fully recovered from the operation for appendicitis.

Frank Good, formerly with H. Hoffmeir, is making good at J. K. Duer's, on Madison avenue, in novel window decorations daily.

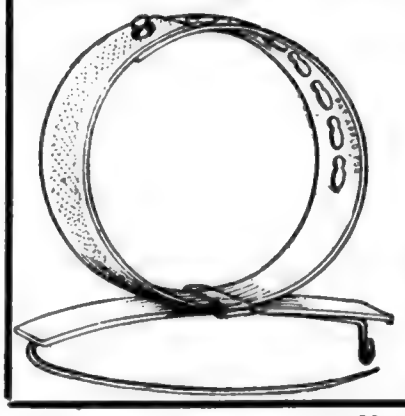
Mr. Peterson, formerly with the Fleischman Floral Co., is now with Warendorff.

At M. A. Bowe's retail store on Broadway last week an elaborate floral football decoration in the window in appropriate colors attracted much attention. Yale and Harvard received equal recognition. The deft, artistic hand of Arthur Merritt was in evidence.

Bowling.

The Astoria Bowling Club held its annual Thanksgiving turkey contest Tuesday evening, November 23. Twenty were present, including several from New York. The club generously threw open the door for all in the prize bowling; one of the contestants from Chappaqua and the other from Borough Park carried home the birds and thus showed their appreciation of hospitality. To give all an equal chance the prizes were offered to the bowlers whose totals were nearest to 150 and 97 in the third game of the evening. The contests were close, but

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

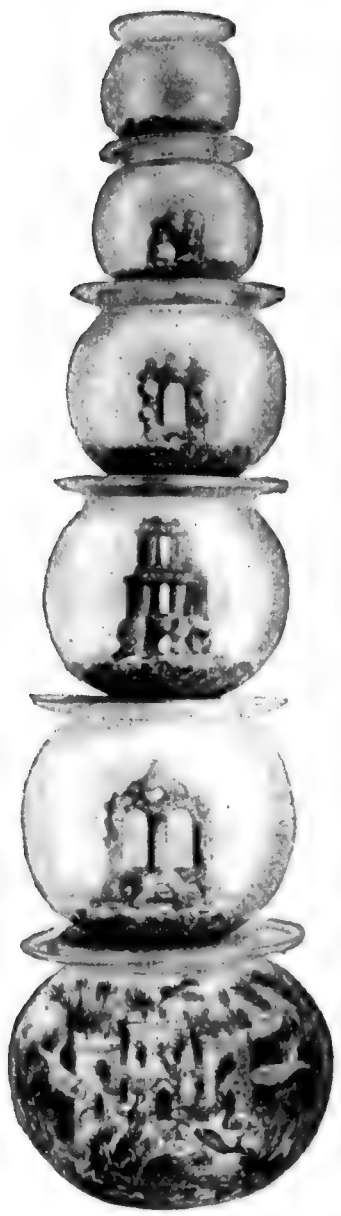
Samples to the trade, **25c each,** by mail postage paid. **By the dozen, $3.00,** postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

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Florists' Xmas Offer





HERE IS AN OPPORTUNITY that no far-seeing Florist can afford to overlook. MY HOLIDAY OFFER IS A SURE MEANS OF PROFIT and just the opportunity for the florist who has never handled Goldfish, Aquaria Goods, etc., and wishes to give this line a fair trial. This exceptional offer embraces a well chosen and wide range of Globes, Goldfish, etc., that will allow you to make excellent display. The outlay is small, the gain large and you cannot fail to profit by the investment.

Goldfish and Aquariums are most acceptable Holiday Gifts.

Pleasing to young and old, rich and poor.

Christmas Near—Order Now—Don't Delay.

Invest $20.50 Realize $55.00 Gain $34 50

For $20.50 I Will Send You The Following:

6 Tripod Aquariums complete with 2 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells for each, satin bow and brass chain. RETAILS AT $1.00 per outfit	$ 6.00
6 Pint Globes with 2 Goldfish for each. RETAILS AT 25c PER OUTFIT	1.50
6 Quart Globes with 2 Goldfish, Aquaria Plant, Pebbles and Shells for each. RETAILS AT 35c PER OUTFIT	2.10
6 Novelty Globes with beaded rim and brass chain complete with 2 Goldfish, Plant, Pebbles and Shells for each. RETAILS AT 40c PER OUTFIT	2.40
6 Half Gallon Globes complete with 2 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells for each. RETAILS AT 50c PER OUTFIT	3.00
6 One Gallon Globes complete with 3 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells and Floating Duck for each. RETAILS AT $1.25 PER OUTFIT	7.50
6 Two Gallon Globes complete with 4 Goldfish, Aquaria Ornament, Plant, Pebbles and Shells and Large Floating Duck for each. RETAILS AT $2.25 PER OUTFIT	13.50
2 Three Gallon Globes complete with 6 Goldfish, Large Aquaria Ornament, Plant, Pebbles and Shells, Large Floating Duck, Imported Majolica or Lava Base for each. RETAILS AT $3.50 PER OUTFIT	7.00
1 One and a Half Gallon American Footed Globe complete with 4 Goldfish, Large Aquaria Ornament, Plant, Pebbles and Shells and Floating Duck. RETAILS AT	2.50
45 Boxes Fish Food (Imported Wafers). RETAILS AT 10c PER BOX	4.50
EXTRA	
25 Medium Goldfish. RETAIL AT 10c each	2.50
25 Silverfish. RETAIL AT 5c each	1.25
25 Tadpoles. RETAIL AT 5c each	1.25
GRAND TOTAL	$55.00

GOLDFISH

Illustrating Globes with suitable aquaria ornaments: also showing bottom globe of pyramid arranged complete.

Terms: Strictly cash. Order will receive immediate attention. Goods forwarded by freight, tracer following, goldfish and plants by express. Take advantage of this greatest of offers. Other florists have found goldfish profitable, so will you. Latest Catalogue on Goldfish, Aquaria Supplies, Birds, Cages, Bird Foods, etc., mailed on request.



BISHOP the Bird Man and Pioneer Goldfish King

Established 35 years. Main Store, Office and Shipping Dept.,

12 N. Front Street, BALTIMORE, MD.

Mention The Review when you write

President W. H. Siebrecht, Sr., won his with a total of 151. Messrs. Kessler, Doerhoefer, Secker and Shaw tied in the 97 class and in the roll off the latter won the prize. The high scores of the evening were: Miesem, 209; Donaldson, Sr., 188; Doerhoefer, 181; Donaldson, Jr., 161; Siebrecht, Sr., 158; Lorenz, 155; Siebrecht, Jr., 149; Smith, 147; Jacobson, 144; Holt, 141; Secker, 137; Anderson, 136; Miller, 134; Bleckwen, 135; Kessler, 132; Shaw, 126; Logan, 111; Dorval, 101. Mr. Smith won the elegant cigar box donated by Phil Kessler, who also furnished one of the gobblers, the club placing the other on the altar. Enthusiasm and refreshments were abundant.

Thanksgiving night the Flatbush bowlers held their annual turkey contest. As usual, Mr. Riley won the large bird with a total of 214 and Alfred Zeller removed the medium bird as second prize. The whole club participated.

Saturday, November 27, George H. Blake, of Bonnet & Blake, Brooklyn, won a 21-pound bird.

Captain Berry has suggested a Christmas turkey contest for the New York Bowling Club, December 15. This contest will be open to all members of the Florists' Club and the Astoria, Flatbush, Jersey City and Madison clubs. The contest will begin at Thumm's alleys promptly at 8 p. m. There will be three turkeys if enough entries reach Captain Berry in time to make this possible, one for the high score, one for high average in two games and one in the third game to the score nearest 100, ties to be decided by the roll off of one ball on each alley. The entrance fee will be 50 cents, and Mr. Berry will book entries Monday evening, December 13, at the meeting of the Florists' Club. No one can win more than one turkey. It is possible a smoker may follow the contest.

J. AUSTIN SHAW.

WICHITA, KAN.

The Market.

Thanksgiving week gave the florists here a good, stiff trade. Chrysanthemums were in good supply and they sold well and at fair prices. They were the flowers most in demand.

Carnations are slow in getting into the market in proper quality or quantity, but are steadily improving. Paper White narcissi are just making their appearance, and they, with White Romans, will be needed to take the place of mums for funeral work.

Trade conditions in this territory are, in the main, highly satisfactory and promise a good season. All the florists are busy all the time.

Various Notes.

Dugan & Cain have purchased the Fairview Greenhouses and stock and will continue the business under its old name.

Elwood Kline, formerly with Chas. P. Mueller, and his brother, Norval, formerly with Culp & Co., have formed a partnership and opened a flower store in Newton, Kan. They have the best wishes of their friends in the trade and have every prospect of success. W. H. C.

THE REVIEW sends Smith's Mum Manual on receipt of 40 cents.

Carnations—Roses

Violets, Mums, Valley, Lilies, Greens

Our supply of Carnations is in fine shape—large cuts of all leading varieties and quality second to none. Killarney and all other roses in good supply. A complete line of cut flowers—there's nothing we can't supply.

Send Your Orders to Us

We have been complimented by many of our customers, new and old, on the way they were supplied for Thanksgiving. That is one reason why our business is growing. We would like to add **you** to our list of satisfied customers.

ZECH & MANN, WHOLESALE FLORISTS L. D. Phone, Central 3284 51 Wabash Avenue **Chicago**

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THE VERBENA.

Probably not many growers are aware that the little verbena, which gives so much color and fragrance to the home garden, came originally from our neighbor continent, South America. The scarlet verbena, Melindres, was introduced as early as 1827 from Buenos Ayres. Some years later the Tweedieana, a red verbena, but not so vivid in color as the Melindres, was imported from Brazil. V. teucrioides, a pure white and very fragrant verbena, came to us from Montevideo. A lilac-purple verbena, V. multifida, came from Peru.

The late Robert Buist, Sr., a Philadelphian, was the first to introduce verbena culture into this country. He received seeds from South America of the above named species, and from these seeds have sprung the many varieties now in existence.

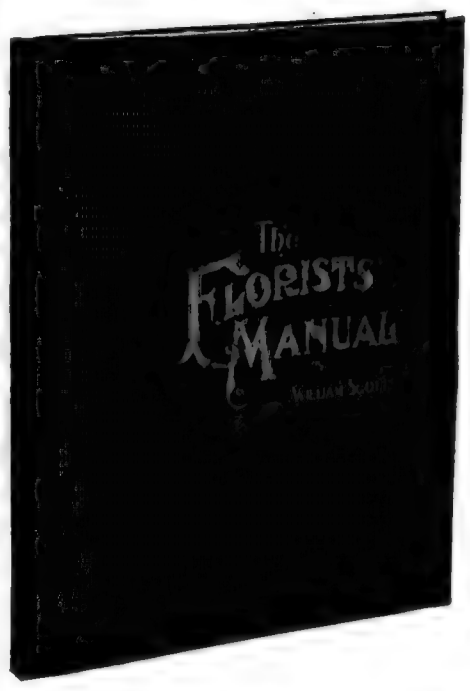
It is thought by many growers that the verbena can be grown from year to year from seed. This can be done, it is true, but at a sacrifice, for the true lover of floriculture is anxious to see his labors yield results, and these cannot be perfected in plants produced from seed, except by careful culling, which cannot be done in one season. The choicest varieties are secured by cuttings taken from a select stock of seedlings and rooted in sand.

For more than thirty years the late J. L. Dillon, of Bloomsburg, Pa., made verbena culture one of his specialties, and the same work is now carried on by the J. L. Dillon Estate. Sixty named varieties have been listed by this firm for many years. These have all been obtained from cuttings taken from choice stock and they embrace all the popular colors. Two years ago Miss Wilmott, an English variety, was added to this list, and last year a new variety, produced from seed sown at the Dillon plant, was given the name of Mrs. William H. Taft, in honor of the President's wife; this verbena is a deep blue and very fragrant.

The verbena season is just opening, and from now until the middle of June thousands and thousands of rooted cuttings and plants of the thrifty little verbena will be shipped all over the United States. L. H. D.

THE IDEAL

Christmas Gift



The Florists' Manual

A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Just the thing for a gift for your employees or friends in the trade. Give us the name of the person you wish to remember. We will ship the book in time for delivery

CHRISTMAS MORNING

with a letter telling that the book is sent with your best wishes.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings. **Price, $5.00, prepaid by express or mail.**

FLORISTS' PUBLISHING CO, Caxton Building, 334 Dearborn St., **CHICAGO**

Kansas City, Mo.—Alpha Elberfield says that the Thanksgiving day business was undoubtedly stimulated by the notice given the flower business in the Kansas City Star of November 23. The article occupied nearly half a column and quoted retail prices on most of the staple articles in the cut flower line.

Jackson, Miss.—W. J. Brown acted as judge at the annual exhibition of the Crystal Springs Floral Club, at Crystal Springs, and is said to have performed the task in a highly satisfactory way. Mr. Brown's gardens, located in the northern suburbs, contain over 1,500 fine Cochet roses.



Xmas Greens

Michell is Headquarters for

Fancy Holly
Holly Wreaths
Mistletoe
Laurel
Lycopodium

Write for our special Wholesale Price List of Xmas Greens

Henry F. Michell Company

Market Street, above 10th Street, Philadelphia

Mention The Review when you write.

SECTIONS OF THE MUM.

(Continued from page 14.)

so much in this country, as the flowers are not quite large enough to suit the demand here, but is prominent in all exhibitions in England. The flowers have strap-shaped petals, curving regularly inward, and forming, when mature, an even, spherical outline. A good example of this section is the old variety Major Bonnaffon.

Japanese varieties.—This is the section to which belong the large varieties having long, loose petals, which sometimes are intertwined as in the variety Nellie Pockett; and sometimes long and straight, as in F. S. Vallis. All the large varieties go into this section; in fact, the variations are so many that it has been found necessary to subdivide this section into two groups, known as the Japanese incurved and the Japanese reflexed. Good examples of the former are Col. D. Appleton and Merza, and of the Japanese reflexed, Mrs. Knox. Here the petals turn back horizontally and droop toward the stem.

Reflexed.—This section is entirely opposite to the incurved, in that the petals recurve from the center of the flower to its base. Few of this section are grown in this country today.

Anemone varieties.—The flowers in this section have broad, strap-shaped ray petals, which stand out stiffly and horizontally, forming a regular collar to the numerous disc florets of the center. The variety Garza is the most common example of this, and makes a beautiful plant in any form; it is also a splendid cut flower.

Japanese anemones.—This section is similar to the previous one, the centers being much the same. The ray florets show considerable variability, in some being long and drooping, while in others they are curiously twisted.

Pompon varieties.—Here belong the really hardy varieties of the gardens. The heads vary from flat to spherical, having short, erect or reflexed petals, which in some varieties are fringed and toothed. These are most desirable plants and really everybody's flower. There are some beautiful varieties and their names are legion. They are perfectly hardy, easy to cultivate, and should be in every garden.

Pompon anemones.—As the name indicates, this section resembles the anemone section in having the disc florets quilled and the ray florets flat, which are short as in the pompons.

Single-flowered varieties.—This section, in my opinion, contains some of the most beautiful flowers. It is only a few years since we have taken to them in this country, but they are becoming more popular every year. The characteristic of this section is the daisy-like flower, having a single row, or sometimes two or three rows, of ray florets. No single should have more than three rows of such florets. Commercial varieties should have more than one row, for in packing some of them are sure to be bruised or broken and in the forms with a single row this damage makes the flowers worthless; if there are two rows, the flower is not so liable to damage, and if one or two of the ray florets are damaged they can be removed without spoiling the flower. There are now so many beautiful varieties of singles in cultivation that they are really confusing. Perfection does not seem to be reached as yet, for the new ones are better every year. There are great possibilities in the cultivation from seed of the flowers of this section, treating them as half-hardy annuals. A friend of mine procured a packet of seeds last March, sowing the seeds in the greenhouse at the time of starting his other half-hardy annuals. In due time they were transplanted, and when large enough transplanted to the herbaceous border. They grew remarkably well, and from September up to quite recently they were the most beautiful plants in the garden. They were low and bushy, thus not requiring staking, and were a mass of blooms, every one a different color. When these early hardy singles become better known, I predict that they will be the most popular annual grown. They come into flower at the proper time of the year, just when the other annuals and herbaceous plants are on the wane. These single chrysanthemums also make beautiful objects when grown in pots, either as specimens or for cut flowers, and are especially suitable for decoration. I would advise all who are growing these to disbud some of each variety. Some varieties are better when grown in sprays, while others are more attractive when disbudded.

Spidery and fantastic varieties.—The members of this section are merely curiosities. A comparison of the varieties Golden Shower and F. S. Vallis shows the variability and possibilities of the genus.

Niessen's
News Column

Beauties

Our supply of the two top grades is a great factor with us now. They are of a special high grade, very choice stock. We know we can please you in both quality and price. Wire us for quotations before placing order.

White and Pink Killarney

Quality improving each week, better flowers and longer stems. We also have a splendid supply of

MY MARYLAND
RICHMONDS
BRIDES
BRIDESMAIDS.

Carnations

$2.00 to $4.00 per 100.
SPECIAL: In lots of five hundred or more, fancy stock, our selection of colors, $2.50 per hundred.

Gardenias

$5.00 and $6.00 per doz.

TO KEEP WELL INFORMED of the condition of the market and correct market prices of everything in season, you should have for reference one of our weekly price lists. You will find it a help in placing your orders. A list is issued every Saturday, and will be mailed to you regularly on request.

Christmas Greens

BOXWOOD.
50 lb. case, $7.50.

LYCOPODIUM.
8c per lb. in 50 lb. bags.

HOLLY.
$5.00 per case.
5 case lots, $4.50.

Special price list mailed on request.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

VIOLETS

We are receiving some of the best **SINGLE VIOLETS** coming into Philadelphia, large, fragrant, brightly colored, long stemmed flowers that are worth twice as much as the ordinary stock. You can send these Violets anywhere without an apology; we can also send you ordinary stock, fresh and bright, at moderate prices.

DOUBLE VIOLETS

We have **Lady Campbell**, light blue, and **Marie Louise**, from the Hudson River, deep blue, both from the best growers, in quantity on short notice.

WHITE CHRYSANTHEMUMS. **Mrs. Jerome Jones**, nice clean stock.

EASTER LILIES. Well hardened, one to two flowers on a stem.

CHRISTMAS GREENS.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The volume of business in cut flowers at Thanksgiving was large. Most of the wholesalers and retailers consider it satisfactory, under existing conditions. The weather was warm and bright until just before the holiday, when it changed to cold and stormy, a change that is disastrous for shopping. The demand for violets and fancy chrysanthemums fell off under these adverse weather conditions. The interest displayed in the Thanksgiving day football game was less than usual and the Army-Navy game for the following Saturday was sadly missed. Excepting violets, it is probable that more flowers were sold than in previous years, shipping demand calling for much choice stock. Shipping demand was not affected so much by the weather as was the demand in the local shops. Prices ruled lower than a year ago, fancy chrysanthemums rarely going over $3 a dozen, the bulk of the stock selling at from 75 cents to $2 per dozen.

Fancy double violets brought $1, occasionally a fraction more, and fancy singles 75 cents, with fine stock to be had at 50 cents. Good judges estimate that the double violet consumption for last week was only one-fourth of that a year ago, while singles were in greater supply and demand. This is explained by the tremendous effort of the wholesalers a year ago to divert the Hudson river stream to this port, an effort which was not so noticeable this year. The Hightstown Lady Campbells were more in evidence than Marie Louise, while the storm shortened the crop so that violets were scarce on Saturday.

The chrysanthemum crop for Thanksgiving was the largest ever seen in this market. The buyers were able to obtain what they wanted at fair prices. The quality of the stock offered in most cases was excellent, but, unfortunately, there were quite a lot of flowers that would have had a better chance some days sooner, the outer petals being soft, sometimes brown, a condition that quickly relegated them to the street, as the retailers were able to get enough first-class stock. Pompons did not appear to find much favor with the buyers.

The buoyant flowers on the list were Beauties, which always advance on a holiday; cattleyas, gardenias and valley. Perhaps cattleyas were almost too scarce to make the extraordinary prices paid an index to their favor. Gardenias advanced sharply, while valley brought better average prices under brisk demand.

The ordinary grades of roses sold a little better, at unchanged prices. Fancy grades were in demand ahead of the supply, but with so many chrysanthemums in sight prices advanced little. Carnations were abundant. There was a slight advance on the fancies, with more ordinary stock than the market could take. The other flowers on the list sold moderately well. The general tone was better. There was an improved demand for greens, especially asparagus in bunches. Wild smilax was ordered extensively.

The present week has opened auspiciously, excepting only the weather, which is too warm for the season. Prices have fallen a little since Thanksgiving, notably on carnations and violets. The shipping demand, led by the first german in Baltimore, held this year a week earlier than formerly, is the feature of the market. High grade stock is ordered almost invariably.

The local demand is lighter than the season warrants, but this can hardly continue; the social calendar for the end of the week forbids. White chrysanthemums are in strong supply this week. Poinsettias have come.

Our Floral Artists.

The first week in December is an important time in the shops, for the best flower buyers are shopping and thinking of Christmas and what they can get that is prettiest for their friends. A recent addition to the Review's staff spent a whole afternoon this week studying the floral pictures in the center of the city.

The show case at the southwest corner



Some Christmas Specialties with us in Greens:

Holly

Extra selected, the best our gatherers can obtain in the Holly fields of Delaware and Maryland.

Per case, $5.00.
In lots of 5 cases, $4.50.
In lots of 10 cases, $4.00.
Special prices in quantity. Every case guaranteed.

Holly Wreaths, per 100, $15.00; extra heavy and large, $18.00 to $20.00 per 100; extra special, $25.00.
Laurel Wreathing, No. 1, per yd., 6c; No. 2, per yd.. 5c.
Magnolia Leaves, green and brown, baskets contain 800 to 1000 leaves, $2.50 per basket.
Boxwood, in 50-lb. cases, $7.50.
Green and Bronze Galax, $6 50 per case of 10,000.
Green Leucothoe, $6.00 per 1000.
Bronze Leucothoe, $7.50 per 1000.

Boxwood

One of the P/M introductions. This, as a Christmas Green, has no equal. Some of the most beautiful and artistic effects can be made, especially in combination work, with something else that will make a bold and at the same time pleasing contrast.

Open 7 a. m., close 6 p. m. Not open for business on Sundays.
Not responsible for flowers after delivery to express company.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow St., Philadelphia, Pa.

1212 New York Ave., WASHINGTON

P/M QUALITY

BEAUTIES

Philadelphia Growers have a national reputation for the quality of their Beauties and it is with pride that we can say the brightest are coming to the P/M establishment. They are now cutting freely all lengths, especially the better grades, quality, deep rich color and long, heavy bud, satisfying the most critical buyers.

PRICES

	Special	Fancy	Extra	1st	2d
American Beauty.....per 100	$45.00	$40.00	$30.00	$20 00	$10.00
American Beauty ....per doz.	6.00	5.00	4.00	2.50	1.50

For Christmas, prospects were never brighter for the caring of our Beauty customers. In quantity to meet the demands of all, whether by the dozen, hundred or thousand, and of the very brightest quality. Prices quoted now if desired.

My Maryland and the 2 Killarneys

December never found our growers in better shape on these roses; would be hard to beat on the exhibition table; some splendid long stemmed specials, fine flowers and good bright color.

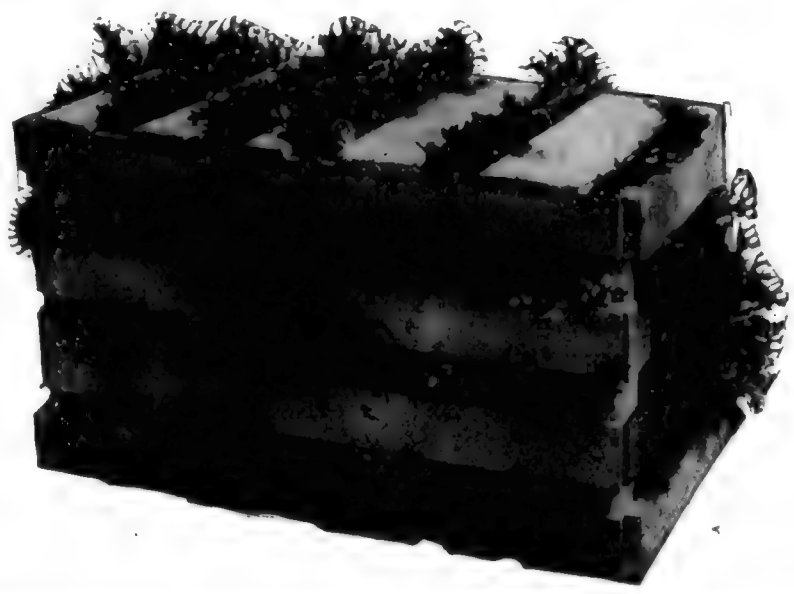
PRICES—$12.00, $10.00, $8.00, $6.00, $4 00

Rose and Carnation Specials

Roses, in lots of 200 or more, our selection, $4.00 per 100.

Carnations, in lots of 500 or more, our selection, good quality, $2.50 per 100.

Xmas list of Greens on application.



THE Florists' Supply House of America

CHRISTMAS SPECIALTIES

Immortelles Fresh stock of all colors. Orders can be filled promptly now. **Immortelle Wreaths,** French and American styles.

Ruscus Wreaths, like Smilax. **Ruscus,** loose, natural green and red. **Statice Wreaths,** very graceful. **Holly Berries,** loose, for ornamenting wreaths. Loose **Statice,** for finishing off other kinds of wreaths.

Porto Rican Mats, large shipment just received, latest style, wide weave, large mesh. Also **Chiffon Mats.**

Prepared Ferns

Dagger Ferns, unique and beautiful; first time we have offered these perfect fronds.

Aspidium, green, red, orange, red-orange. **Pteris Cretica, Adiantum Cuneatum, Asparagus Plumosus.** All are very choice, prepared to last a long time.

Send for our Illustrated Catalogue of Everything in Florists' Supplies

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross

Nothing on the market like it for the money

Gustave Schroeder, Artificial Flower Manufacturer

1524 Prospect Ave., CLEVELAND, O.

Samples sent on receipt of 16c to cover postage.

Mention The Review when you write.

of Twelfth and Chestnut streets contained a huge basket filled to overflowing with cypripediums, the color effect being perfectly carried out by harmony between flower and basket. A better idea may be formed by recalling the basket seen in the picture of Moses in the bullrushes. This show case is a sort of prelude to H. H. Battles's show windows, a few doors south on Twelfth street. One was devoted to pottery of a classic, exclusive type favored by Mr. Battles; the other contained fancy blooms, the variety of form and color sufficient to satisfy the taste of each passerby.

The grand show window in the Bellevue-Stratford was a woodland scene, with huge chrysanthemums, green foliage, logs and mossy banks, a chrysanthemum forest, the coloring in yellow, white and green toned by the natural brown of bark. It was a beautiful conception that did credit to the Habermehl taste.

A large basket of Killarney, Scotch heather and pussy-willows ornamented with a Dresden ribbon was the central figure in Charles Baxter's arrangement in the window of Pennock Bros., the pink and white combining admirably. About the center figure were smaller pink baskets of heather, green baskets of heather and pink carnations, a basket of lavender sweet peas and yellow daisies, and a basket of pink begonias and yellow snapdragon. It was a picture full of richness, expressive of grace and beauty.

Various Notes.

G. C. Personette and Mrs. Personette, Baltimore, Fred H. Kramer, Washington, and George L. Huscroft, Steubenville, O., were among this week's visitors.

F. Herbert Steinmetz has, for the present at least, abandoned his plan of opening a branch store in the residence section of the city.

B. Eschner and Mrs. Eschner returned from their trip to Jamaica November 27.

J. J. Habermehl's Sons had a novel combination for the Cornell followers for the Thanksgiving football game with Penn—a white chrysanthemum with a scarlet carnation deftly grafted on the center, thus showing their preference of the Ithacan college. Richmond roses and violets were favored by Pennsylvanians.

Fred Ehret reports an excellent Thanksgiving, barring only the unfavorable weather.

Paul Berkowitz reports the arrival of the steamer Marquette with large invoices of imperial chinaware and Christmas goods for H. Bayersdorfer & Co.

Eugene Weiss and Samuel F. Lilley have been spending their spare moments visiting suburban growers. They report George E. Campbell, at Flourtown, Pa., as in splendid shape for the winter season.

M. Rice & Co. report the arrival of the steamer Arcadia laden with Christmas goods.

Philip Freud has been featuring, as my friend Charles Henry Fox would say, airships in the window of the store of the Henry F. Michell Co. this week. By the way, the company will hold a poultry show in their branch store at No. 518 December 8 to 10. Many growers are lovers of fine fowls. The chief wanted me to put this properly, else the scoffers might say Michell is getting weak, giving up seeds to poultry. But nobody could possibly say that who knows Henry F. Michell.

Alfred M. Campbell has been a prime factor in Bonnaffons.

Mark B. Mills, of the William K. Harris establishment, produces three chrysanthemums to a stem which are of single-stem size.

George W. Carr, Kingston, Pa., was here last week.

Charles Henry Fox will address the Florists' Club December 7. His topic will be: "The Follies of 1908; will they be repeated in 1909 and 1910?"

The Henry A. Dreer cactus window continues to attract attention. J. Otto



Mission No. 1.

Florists' Baskets

Our aim is Artistic Baskets; that is what makes them appeal to discriminating people. Every basket is made by hand, and finished as if our whole reputation depended upon that particular basket. Madison Basketcraft Co 's baskets are designed for use as well as beauty. They are practical, indestructible, made of willow in odd and artistic shapes, and colored in various delicate tones. Greens, gun metal and browns are the best colors.

PRICES TO THE TRADE

Diameter Outside	MISSION No. 1 Opening	Each	Diameter Outside	MISSION No. 1 Opening	Each
10-inch	8-inch	$1.25	15-inch	11-inch	$2.50
12-inch	9 inch	1.75	18-inch	13-inch	3.00
13-inch	10-inch	2.00	21-inch	15 inch	3.50

We sell nothing but Baskets. Make two hundred different shapes. Send in a trial order. Any that do not please, you may return.

YOUR ORDER NOW—PLEASE

MADISON BASKETCRAFT CO.

MADISON, OHIO

Let us send you illustrated catalogue with prices.

Mention The Review when you write

HOLIDAY RIBBONS

In narrow, medium and wide widths, in plain weaves, block basket weaves, combination colors printed with "Merry Christmas" and Holly Berries.

Twenty-one (21) distinct Ribbons especially for the Holiday Trade.

Send your name and address for samples and price.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.



Place that order with us

C. C. POLLWORTH CO.

MILWAUKEE

Mention The Review when you write.

Thilow says the bulb season has been excellent and that Riverton leads the known world on Cocos Weddelliana.

Robert Kift, the Thorley of Philadelphia, went out to see the Christmas plants of the Robert Craig Co. November 29. Instead of saying that they were not this, or they were not that, as a buyer is privileged to do, he became enthusiastic in praise. PHIL.

INDIANAPOLIS.

The Market.

Business last week, with the exception of that for Thanksgiving, showed little improvement over the previous week. The weather continues warm, with no relief in sight. Flowers of all kinds are plentiful, with the exception of mums, only the larger sizes to be had.

From all reports the Thanksgiving business was far better than last year. Chrysanthemums were the popular flower. The medium grades had the call and were entirely cleaned up; many more could have been sold were they to be had. I think the growers make a mistake by growing the larger blooms for Thanksgiving, as they are not suitable for the dinner table. Quantities of the pompon varieties were to be had, but these did not sell as well this season as last.

Various Notes.

John Grande has the automobile fever.

Secretary A. F. J. Baur has completed the premium list for the carnation convention at Pittsburg and is mailing it out this week. Anyone not receiving one can secure same by notifying Mr. Baur.

J. McHutchison, of McHutchison & Co., and G. P. Dobremsyl, with H. F. Darrow, were visitors this week.

John Elsner says that he thought he was through with assessments when they put sewers, sidewalks and improved the street around his place, but now he has received notice of an assessment of $125 on a sewer three miles away. H. L. W.

WASHINGTON.

The Market.

Thanksgiving has opened the social season of the nation's capital, with the debutante in full swing, and the flower shops are doing some good work.

There were numerous weddings on for November 24 and 25, which called for some choice stock. Shaffer had probably the most elaborate one, the Miles-Noble wedding.

There was quite a scarcity of stock on Thanksgiving, especially in valley, which was never known to be so much in demand. Carnations also were quite scarce and were looked for by every florist.

Roses are bringing better prices, while violets and orchids still hold their own. Chrysanthemums are pretty well cleaned up; there are only a few now and again and they sell readily.

Various Notes.

The windows of Geo. H. Cooke are very attractive, being massed with Lorraine and Farleyense. Mr. Cooke reports business as excellent.

A. Hubbard, of New London, Conn., has accepted a position with Marche & Co. Mr. Marche's Thanksgiving business was quite brisk.

The Washington Florists' Exchange has purchased its stock of ribbons, which will compare favorably with the stock of any supply house in the country. W. F.

TOLEDO, O.—Charles A. Schramm, the florist at 1315 Cherry street, has taken his brother, Bernard G. Schramm, into the business, and the name of the firm will be Schramm Bros. Business, they say, is excellent.

PACIFIC COAST.

LOS ANGELES, CAL.

The Market.

The rainy season opened in the third week of November, with two or three nights' good downpour, with sunny days between, and planting of vegetables for the winter market was promptly begun. With the impetus derived from Thanksgiving, business has picked up rapidly and there are the best of prospects for the winter. Chrysanthemums and roses have been leading the market, with violets a close second. Some fine Beauties, Killarneys and My Maryland have been seen.

From the fields, good Kaiserins and white and pink Cochets have been coming in; also Shasta daisies, gladioli, Paper Whites, stocks, calendulas and sweet peas.

Plumosus and smilax are plentiful and bring a fair price. Hardy ferns are much higher here than in the east. There are no single or pompon chrysanthemums to be seen in this market. There is much call for valley, which is scarce. Orchids are plentiful, with good demand. They sell in the stores at $1.50 each.

Quantities of cinerarias are being planted in the open for winter bloom.

Various Notes.

At East Lake park, where the plants are grown for all the city parks, there is much of interest to be seen. In the conservatory, orchids are in fine display, mostly cattleyas. In this house there are some exceptionally fine plants of maidenhair fern.

Frank Lichtenburg and Herbert Wolfskill, formerly of Wolfskill's, who recently started for themselves on Broadway, have opened another store on West Fifth street, which they have named The Florist. The interior is handsomely finished in mission style. There is a large palm room in the rear. They are much pleased with the patronage received thus far.

Morris Goldenson reports an excellent trade for the entire month of November. Recently he had a wedding a little out of the ordinary, where the decorations were quite stiff and conventional. Paper holders were used on the bridal bouquets, which had to be made long and pointed, after the fashion of years ago.

The Redondo Floral Co. was sending out a lot of funeral designs and reports business as good.

The Roth-Reymond-Muller Floral Co. was also very busy making up designs, among them a large shrine emblem. Some pretty corsage bouquets of violets, Cecil Brunner roses and maidenhair were being arranged.

At The Angelus they have been unusually busy with reception and theater orders. They were sending out some good Silver Wedding mums.

H. N. Gage has received a large importation of German baskets, and also a good sized shipment of other supplies from the east.

The Morris & Snow Seed Co. has had a good trade the entire season.

J. W. Wolfskill's window has been attracting much attention, being filled with long-stemmed Beauties in handsome vases, and pots of Whitmani ferns. The other window contained many new violet baskets in gold or purple. S. A. C.

Rooted Carnation Cuttings

Taken from plants grown in the open field the year round. Ready for December delivery.

	Per 100	1000
PINK		
Winona, light pink	$3.00	$25.00
Enchantress, shell pink	1.80	15.00
Winsor, light pink	1.75	12.00
Rose-pink Enchantress	1.50	12.00
Nelson Fisher, cerise	1.25	10.00
Mrs. T. W. Lawson, cerise	1.75	15.00
WHITE		
White Perfection	2.25	20.00
White Enchantress	2.25	20.00
White Lawson	2.00	15.00
Flora Hill	1.50	
RED		
Beacon	$2.25	$20.00
Victory	1.75	15.00
Red Lawson	1.25	8.00
Estelle	1.15	12.00
CRIMSON		
Harlowarden	1.40	12.00
VARIEGATED		
Lawson	1.25	10.00
Prosperity	1.50	
YELLOW—Eldorado	1.50	12.00

Asparagus Plumosus Nanus, 2½ to 3-in. pots, $15.00 per 1000, f. o. b.

25 of any one variety, at 100 rate; 250 of any one variety, at 1000 rate. Express charges prepaid on all orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots ..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in.. buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

Asparagus Plants

350,000 1-year.

Leading varieties. Write for prices.

Orders booked now for **Red Loganberry** and **Mammoth Blackberry Plants.**

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

All the best varieties for Dec. 1 delivery. Send for price list, now ready.

Field-grown plants yet for sale

Bassett's Floral Gardens

LOOMIS, CAL.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

The weather for the last week has been rainy. Only for a few hours at a time has it been possible to appear on the streets without an umbrella. This has had rather a depressing effect on the flower-buying public. Funeral work has been extremely active for the last two weeks and has swelled the receipts of the retailers in a substantial manner. Strictly Thanksgiving trade, however, has also been fair. Never within the history of the local business have flowers been so cheap or in such profusion as at this time The warm, moist, rainy weather can be thanked for this, but whether the excess of flowers is of any monetary benefit to the florist is a question that might take some time to answer.

Chrysanthemums have for several weeks been strictly in their prime, but prices have been about twenty-five per cent less than those of last year. The finest Bonnaffons can be bought at $4 per hundred, and from this price down to $2 for flowers somewhat smaller and shorter stemmed. The best outside whites are a shade higher in price, but at no time during the season have the flowers been as high in price as they were one year ago. The effect of this large influx of chrysanthemums has been to lower the prices on other stock. Carnations which should bring at least $4 per hundred can be bought for from $2 to $3, and many at even lower prices. The remark has been made by some of the dealers that the quality of the flowers is not up to that of earlier in the season. This is a point well taken, for it must be admitted that the excessively warm weather preceding the present warm rain had the effect of inducing the recently planted carnations to make quantities of flower buds on rather weak stems. These have now come into blooming, and a heavy cutting of light, long-stemmed stock is the result. With the disappearance of the present warm spell, we may expect larger flowers and heavier stems. This, to a certain extent, holds true on the roses as well. Brides and Maids have done nobly as far as quantity is concerned, but the quality has not been up to that expected at this time.

SHASTA DAISY

Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6 00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds. 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1 50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

ROOTED

Carnation Cuttings

...Our Specialty...

Write For Prices.

California Carnation Co., Loomis, Cal.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $15.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

DO YOU WANT STOCKY PLANTS?

WASHINGTONIA ROBUSTA

(Fan Palms), 2 to 3 ft., by the thousands.

Exotic Nurseries

Santa Barbara, Cal.

Mention The Review when you write.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per bunch.....25c Per case of 50 lbs.. 7.50

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.50 Per 50 lb. case.. 5.00

SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, WHOLESALE COMMISSION FLORIST, 34-36 East Third Street, **Cincinnati, Ohio**

Mention The Review when you write.

Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

Mention The Review when you write.

P. G. GIANNOPULOS & CO.

Wholesale dealers in



DAGGER FERNS, GALAX,
Princess Pine, Laurel Leaves, Sprays, Etc.
New Haven, Conn.

Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

READY NOW For Fall and Winter Shipments.

G. J. WALKER

Dealer in

FANCY AND DAGGER FERNS

SAVOY CENTRE, MASS.

Mention The Review when you write.

THE KERVAN CO.

113 W. 28th St., NEW YORK
WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.
Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.
Christmas Greens, Holly, Mistletoe, Pine Plumes, Table and Christmas Trees. **All Decorating Material in Season.**

Mention The Review when you write.



FERNS, GALAX, ETC.



Fancy or Dagger Ferns...90c per 1000 or $3.25 per case of 5000
Green Galax .....50c per 1000 or $4.00 per case of 10,000
Green Leucothoe Sprays .....$2.00 per 1000
Green Leucothoe Sprays, 12 to 16-in..... ..... 1.25 per 1000
Bronze Galax.....50c per 1000; $4.00 per case
Bronze Sprays..... 3.00 per 1000
Holly..... 3.00 per case

——Quality Guaranteed.——

WATAUGA EVERGREEN CO., :: :: **BUTLER, TENN**

Mention The Review when you write.

Fancy
Maryland
Delaware
Virginia

HOLLY

Holly, long or short branches, per case.....$3.00
Green Sheet or Log Moss, per bbl..... 1.25
Laurel, for decorating, per case..... 2.50
Laurel, for roping, large bag..... 1.00
Ground Pine or Running Cedar, per bag..... 1.00
Stone Tomato Seed, per lb..... .50

Cash with first order

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.

FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Mention The Review when you write.

FERNS, GALAX, LEUCOTHOE

Only fresh stock handled.
Prices f. o. b. Elk Park, N. C.

Galax, bronze or green.....50c per 1000
Galax, smaller size.....40c per 1000
Fancy or Dagger Ferns.....$1.00 per 1000
Green Leucothoe Sprays, long.. 2.00 per 1000
Green Leucothoe Sprays, 10 to 15-in, $1.00 per 1000. Terms cash.
Reference, Citizens' Bank, Elk Park, N. C.

F. H. STINSON, Banners Elk, N. C.

Mention The Review when you write.

FANCY

DELAWARE HOLLY

Having secured some strictly fancy Holly, am in position to supply the trade better than ever before. The foliage is perfect, glossy and dark green, and heavily berried. We personally supervise the packing of all our goods. Price delivered by freight, points east of Mississippi River, $3.75 per case.

Holly wreaths, made by experienced makers, from best glossy, dark green holly, wound with wire on round hoops, with four large clusters of berries, 14-inch, per 100, $10.00.

We solicit the placing of your orders early. Special attention given to small orders.

Cash with Order

H. AUSTIN CO.

Felton, Del.

Mention The Review when you write.

Beauties have been unusually backward; the writer has seen but few flowers of this popular variety during the last few months, and none of these were strictly first-class.

Valley is in good supply and quality. The several weeks of frosty weather induced many of the growers to overforce their pips and much weak-stemmed stock was the result, but this has been entirely overcome and the flowers produced now are really good.

Quite a few growers have turned their attention to the culture of sweet peas under glass, and we have been treated this year, more than ever before, with a supply of this flower early in the winter.

California red berries have been brought by tons into town during the last ten days. The Italian green goods men seem to have a monopoly of this branch of the trade. The price has gradually lowered from $65 to $40 per ton, delivered in San Francisco and vicinity, until at the latter figure the retailer can now purchase first quality berries. These prices have proven a boon to the street hucksters, and many thousands of pounds

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.50. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

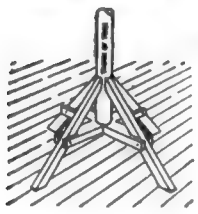
Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



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BARTON XMAS TREE HOLDER



Simple, Practical, Inexpensive.

Simply drive a nail into the bottom of tree and weight brings legs of holder against tree as clamps. Hundreds sold last year to Florists selling trees.

Only $1.60 per dozen.

Address: BARTON MFG. CO. Ivyland, Pa.

Mention The Review when you write.

BRONZE and GREEN GALAX FANCY and DAGGER FERNS

Give me a trial order; my prices are lower. These prices are good for 30 days.

Fancy Ferns.....50c per 1000
Dagger Ferns.....50c per 1000
Green Galax.....45c per 1000
Bronze Galax.....55c per 1000

Cash with first order or reference.

J. P. PRESNELL & CO., Watauga Falls, N. C.

Mention The Review when you write.

have been retailed on street corners at 10 cents per bunch.

The favorable weather has caused violets to bloom in enormous quantities. An effort was made early last week by the Italian growers to keep the prices well up, but, owing to the vast quantities brought into town, 50 cents per dozen bunches has been all that it was necessary for the retailers to pay to secure their stock. Should we be treated to a few frosty nights in the near future, these prices will quickly increase, but if the rain continues violets will be more plentiful than ever.

Narcissi are being brought into town in small quantities, and this is the only bulbous stock that we have at present. Other kinds of outside flowers, with the exception of coreopsis and stocks, have disappeared for the season. Maidenhair and asparagus are slightly scarcer and smilax is more plentiful. A few poinsettias were brought into town, but there was little demand for them. Primulas in flower, celestial peppers, ferns in pots and pans, and various house palms have all moved well for Thanksgiving presents. Huckleberry and wild ferns and grasses are in abundant supply and assist materially in swelling the retailers' receipts.

Various Notes.

The Piedmont Seed & Floral Co. has moved its store from the Central Bank building, Oakland, to Eleventh street, near Washington street, in the same town.

Several new dealers have made their appearance with green goods among the local dealers. There promises to be quite a competition in this line in the near future.

Rolleri & Co. have moved their violet growing plant from Ocean View to Elmhurst, Cal. They have planted about five acres with Princess of Wales.

The Christmas tree men have made their appearance in town and are trying to interest the retailers in handling trees for the holidays.

George E. Smith is on a flying trip to Los Angeles and vicinity. He will be absent from town about one week.

Hayashi & Co., of Elmhurst, have just finished installing a fifty horse-power boiler, to heat their range of glass recently erected.

F. A. Miller, one of San Francisco's pioneer florists, is now located at Fruitvale, Cal. Mr. Miller will make a specialty of collecting native California tree seeds. G.



FERNS! FERNS!

FRESH AND FINE. Prompt service. Quality guaranteed.

Fancy or Dagger Ferns.....$1.00 per 1000; $3.50 per case of 5000
Green or Bronze Galax..... .50 " 4.50 " 10,000
Green Leucothoe Sprays, large.....$2.00 per 1000
" " " " 12 to 16 inch..... 1.25 "
Bronze " " " ..... 3.00 "
Holly, very fine, $3.00 per case, 2x2x4.



THE MOUNTAIN FERN CO. :: BUTLER, TENN.

Mention The Review when you write.

Western Florist Supply House

Save freight and expressage by buying near home.

Christmas Greens

Holly, Wreaths, Roping, Etc.

Write for our new price list.
A large stock now ready for prompt delivery.

THE BARTELDES SEED CO.
DENVER, COLO.

Mention The Review when you write.

Southern Wild Smilax Ferns, Pines, Palms, Holly
Louisville Floral Co., Louisville, Ala.

HEADQUARTERS FOR

Bouquet Green

EVERGREEN WREATHING

FANCY HOLLY

"DEW DROP" BRAND MISTLETOE

and a most complete line of

CHRISTMAS DECORATIVE MATERIAL

Qualities that will **qualify** with your trade.

Complete Price List for the asking. : :

WINTERSONS' SEED STORE
45-47-49 Wabash Ave.
CHICAGO

Mention The Review when you write.

The Review can supply any horticultural books at publishers' prices.

The ad we had in your paper the last two months certainly kept us what they call "humping," for orders came in every day and they are coming yet. I am certainly more than satisfied.—William Ehmann, Corfu, N. Y.

XXXX HOLLY $5.00 per case



Laurel Wreaths, $2.50 per doz. and up.
Laurel Festooning, 6c per yd.
Boxwood Wreaths, $6.00 to $18.00 per doz.
Princess Pine Festooning, made all round, $6.00 100 yds.
Bu. Laurel, 50c.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Fancy and Dagger Ferns, $1.25 per 1000.
Green and Bronze Galax. Green, $1.00, 1000; Bronze, $1.50, 1000.



Cut Boxwood Sprays

$16.00 per 100 lbs.

Full line of Florists' Supplies All kinds of Insecticides. Seasonable Cut Flowers. Chrysanthemum and Carnations in all standard varieties. Roses—Beauties, Richmonds, Marylands, the two Killarneys, Brides and Maids. Lilies, Orchids, Gardenias, Valley, Violets, Adiantum, Asparagus.

Henry M. Robinson & Co.

TELEPHONES
Main 2617
Main 2618
Ft. Hill 25290

Wholesale Commission Florists

15 Province St., and 9 Chapman Pl., BOSTON, MASS.

Orders filled promptly, properly and to your satisfaction.

Mention The Review when you write

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

WELL-BERRIED HOLLY

$2.00 per 60-lb. case. Magnolia Sprays, same price. A-No. 1 Wild Smilax, $2.25 per 55-lb. case. Very best Needle pines, $5.00 per 100. Cash.

Situated on L. & N. main line. Best references furnished.

Garland Florists' Exchange, Garland, Ala.

Mention The Review when you write.



Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.



Galax, Ferns, Leucothoe, Etc.



Quality always guaranteed. Prompt shipment.

Galax, green and bronze	50c per 1000, $4.00 case 10,000
Ferns, Fancy and Dagger	90c per 1000; 3.50 case 5,000
Leucothoe, long green	$2.00 per 1000, any quantity
Leucothoe, short green	1.00 per 1000, any quantity
Leucothoe, beautiful bronze	3.00 per 1000, any quantity

We make LEUCOTHOE a Specialty.

T. J. RAY & CO., Elk Park, N. C.

Mention The Review when you write.

HOLLY-HOLLY-HOLLY

If you are in the market for some FANCY DELAWARE HOLLY, let me hear from you. I have contracted for the Holly off of 175 acres of swamp woods in Delaware and it contains some of the finest dark green Holly trees that ever grew, and it is chock full of Berries. I will have it packed in regular size cases, 2x2x4, and guaranteed as represented. Will be ready to ship about December 1st. Price per case, $3.00; 10 case lots or over, $2.75. Special quotation on 50 cases or over. Shipped direct from the woods.

HOLLY WREATHS

My Holly Wreaths will be made of the very finest selected dark green Holly on 10-inch hoops, and will be well-berried. $10.00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING

My Laurel Wreathing will be made of the brightest Swamp Laurel that it is possible to secure in 25 and 50-yard lengths. Price, 8c per yard.

MISTLETOE

My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $5.00 to $10 00, according to quality.

LYCOPODIUM, in 10 yard rolls, 8½c and 10c per yard.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Reference: 6th National Bank. Mutual Trust Co. **Philadelphia, Pa.**

Mention The Review when you write.

RESEEDING LAWN.

We have a large lawn located on a hillside, which dried out in spots last summer on account of dryness and which is now covered with a thick growth of vines and weeds. Should it be plowed under or spaded? What is the best lawn seed to use for it? Would one-half white clover and one-half lawn seed make a good lawn and would spring be a good time to do it in? Are wood ashes a good lawn fertilizer? F. W. H.

The early part of September would have been an excellent time to spade or plow over the bare spots spoken of. Unless they are of a considerable size, spading will probably be the neatest method to adopt. Clean off the weeds thoroughly, or bury them deeply. It will be of little use sowing seed now. Better wait until frost leaves the ground early in April. Some thoroughly decayed old manure can be advantageously worked into the soil which is to be seeded. Fall is to be preferred to spring for lawn seeding, as often severe droughts come early in summer and grasses started in fall are better able to withstand them.

White clover is an excellent drought resister, but you must not use as large a proportion as one-half, or you will smother out all your grasses. As your land is probably rather high and dry, I would use Kentucky blue grass freely. Let it form one-half of your seed. Some short bottom grasses, like Rhode Island bent and sheep's fescue, should be used, but small quantities only of timothy and red top, which succeed better in moist soil. I would recommend this mixture for an acre: Twenty pounds of Kentucky blue grass, four pounds of sheep's fescue, six pounds of Rhode Island bent, three pounds of red top (fancy seed), three pounds of timothy, two pounds of white clover and two pounds of creeping fescue.

Wood ashes are a good but not complete lawn fertilizer. Use some fine bone with them. It is a good plan to change the class of fertilizer each year on lawns. One year bone and ashes, then sheep or well decayed cow manure and a third year some special lawn preparation of a high grade character. C. W.

New Canaan, Conn.—The opening of the new greenhouses of the Hoyt's Sons Co., on South Main street, was attended by large numbers of the townspeople. The new houses are well equipped and conveniently located.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

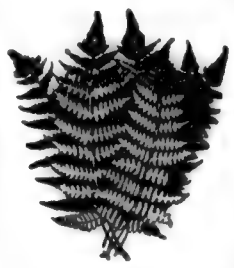
....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

Mention The Review when you write.

J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods

Galax, green and bronze, 50c per 1000; $3.50 per case 10.000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N. C.**

WREATHING

We have the **Green** and can fill your orders. **Light,** $3.00; **Medium,** $4.00; **Heavy,** $5.00 per 100 yards.

Holly Wreaths, fancy, $1.50 per doz. **Scarlet Bells,** 20c, 30c, 50c and $1.00 per doz. Cash or C. O. D.

Full line of **Xmas Trees;** write for prices.

JOS. BANCROFT & SON, Cedar Falls, Iowa

Southern Decorative Evergreens

Dagger Ferns	per 1000,	$0.70
Leucothoe Sprays, green	"	1.90
Leucothoe Sprays, bronze	"	2.00
Galax, bronze	"	.50

Full berried, fine color **Holly**.....$2.00 per 50 lbs.

Cash with first order. All stuff first-class. F. O. B.

GRANT PRESNELL, Del Rio, Tenn.

Delaware Holly

I am Headquarters for Holiday Decorations

Box Holly and Holly Wreaths, and Evergreen Cedar.

Terms Moderate. Write for Prices.

H. E. CONWELL, :: Milton, Del.

HOLIDAY PRICE LIST

GALAX, FERNS AND LEUCOTHOE

Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50	per 1000
Galax, green, violet size, 2 to 2½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.

Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.

BANNERS ELK, N. C.

PRICE OF OLD GREENHOUSE.

I have a chance to buy a greenhouse containing about 4,000 square feet of glass, but would have to move it. What would be cosidered a reasonable price for it? Everything is in good shape at present. The glass is about 14x18, laid fourteen inches between the sashbars.

G. W. F.

The value of the greenhouse will depend largely upon the material and character of its construction, the date of its erection and the care it has received. If fairly up-to-date and in good condition it would be safe to allow, for the house proper, what the same amount of new glass would cost (after allowing ten per cent for breakage), reckoning that the value of the sashbars, sashes and other parts that could be used would be enough to pay for tearing the house down.

The boiler, piping, ventilating machinery and other iron work, if in good condition, could be taken at one-half its first cost.

AUBURN, N. Y.—Dobbs & Son say that stock was not equal to the demand for Thanksgiving.

SAVANNAH, GA.—Improvements costing about $10,000 have been completed at the greenhouses of John Wolf, on Anderson street. His increased business made necessary the addition of four houses, each 27x150.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—In Chicago by designer and decorator; can give the best of recommendations. Address No. 51, care Florists' Review, Chicago.

SITUATION WANTED—By young man, to learn the florists' business; have worked some in same. Geo. McKinney, 339 Moxahala Ave., Zanesville, Ohio.

SITUATION WANTED—By thoroughly experienced florist, German, age 28, single; to take charge of commercial or private place. B. Wuensche, General Delivery, Portland, Ore.

SITUATION WANTED—By young man, experienced in general greenhouse work and outside; good references; willing and obliging. Address D. S. S., Box 12, Topsfield, Mass.

SITUATION WANTED—By young man as assistant gardener on private or commercial place; state wages and particulars in first letter. Address No. 63, care Florists' Review, Chicago.

SITUATION WANTED—By experienced grower of roses, carnations, mums, bulbs; designer, decorator; good propagator; take charge; best references; good wages. Address Florist, 707 17th St., Detroit, Mich.

SITUATION WANTED—Hustling working foreman is open for engagement; experienced grower of cut flower plants and designer; good references; reasonable wages. Address No. 69, care Florists' Review, Chicago.

SITUATION WANTED—Reliable florist and gardener; 18 years' experience; private or commercial; 34 years; single; capable of taking charge; best of references furnished. Address No. 816, care Florists' Review, Chicago.

SITUATION WANTED—Experienced grower of all kinds of cut flowers, pot plants and landscape work wishes situation; vicinity of Springfield, Mass., preferred; am 35 years old, German, able to take charge. Address No. 78, care Florists' Review, Chicago.

HELP WANTED—At once; a good carnation grower. Apply Weiland & Olinger, New Castle, Ind.

HELP WANTED—Good carnation and mum grower, single, sober. Apply N. C. Moore & Co., 60 Wabash Ave., Chicago.

SITUATION WANTED—By practical, all-round grower; 22 years' experience; A-1 with roses or carnations; not afraid of work; references. Address No. 71, care Florists' Review, Chicago.

HELP WANTED—Experienced seed salesman to market gardeners, Atlantic coast states, Maryland and north. Address Box 58, Franklin, Mass.

HELP WANTED—Neat-appearing young man, to learn artistic designing in first-class store in eastern city; must be of good address. Address No. 73, care Florists' Review, Chicago.

HELP WANTED—A good grower of roses, bulbs and bedding stock, able to handle help; must be a hustler; state salary expected, with references. Address Box 497, Tiffin, Ohio.

HELP WANTED—Assistant in retail place, capable of growing general stock; good worker; state wages and references; good chance for advancement. Address John Fuhlbruegge, Winona, Minn.

HELP WANTED—A young man for greenhouse and outside work, as assistant to head gardener on a private place; must be steady and sober; state age, nationality, experience (if any) and wages expected with good board, room and washing; give references. Address Cyril H. Barry, Green Lake, Wis.

HELP WANTED—A good store man to buy an interest in a profitable retail florist business in a large and growing southern city; must understand designing and making-up and must have the very best references; full and complete particulars will be given the suitable party. Address No. 72, care Florists' Review, Chicago.

HELP WANTED—Young or middle-aged man for assistant florist on a modern retail-wholesale place of 18,000 ft. of glass; where roses, carnations, mums, bedding plants, etc., are grown; a sober, intelligent, industrious man can have a good, permanent position here with opportunity for advancement. Address, with references, and state wages expected, W. C. Hill Floral Co., Streator, Ill.

WANTED—By a young, experienced florist and gardener; good grower of carnations and general line of stock; best references; commercial or private. Address Florist, general delivery, Houston, Texas.

FOR SALE—Retail store, good location, in Chicago; a bargain. Address No. 74, care Florists' Review, Chicago.

FOR SALE—Seed and plant business with stock and fixtures; a bargain if taken at once. C. H. Jackson, Oconomowoc, Wis.

FOR SALE—Standard return steam trap No. 2, and receiver, in good working condition; only slightly used; will take care of 20,000 ft. 1-in. pipe; price $50.00. E. H. Luckhart, Northumberland, Pa.

FOR SALE—Sacrifice of a retail place, 7500 ft. glass; positively no fluke; books open for inspection; reason given to those who inquire; all stocked in fine shape. Address No. 70, care Florists' Review, Chicago.

FOR SALE—In a growing city of 35,000, in central Ohio, well equipped greenhouse plant of 20,000 ft; part iron gutters and cement benches and walks; steam heat; 2 boilers; natural gas; city water; street cars stop at door; opposite only cemetery in city. A. J. Baldwin, Newark, Ohio.

FOR SALE—5 greenhouses, 6000 ft. glass, in good running order, all in lettuce, could sell three times as much right at home; 4 acres land, 1000 ft. cold frames, dwelling and lot 70x140 besides; price $4250.00; $1000.00 down; this is a bargain. For particulars write C. W. Anderson, Shawnee, Okla.

FOR SALE—6000 ft. of glass, steam or hot water system; 2½ acres of land, dwelling; greenhouses have concrete walls, concrete raised benches, iron purlins and posts; built 1908; best location in city of five to six thousand inhabitants; no opposition for 35 miles around. Those meaning business address No. 60, care Florists' Review, Chicago.

GROWER WANTED

A good all-round grower of general greenhouse stock; must be temperate and capable of producing first-class stock; 25,000 feet modern glass; good wages to a good man. **Burdell Floral Co.,** Bowling Green, Ky.

Wanted

First-class store man; must have wide experience and be accustomed to waiting on first-class trade, and come well recommended; steady position and good salary; give full particulars with application. Address No. 76, care Florists' Review, Chicago.

Wanted

A young man from 21 to 25 years old, No. 1 store man; must be a good designer and decorator, with best of reference; state salary; position first-class. Address No. 40, care Florists' Review, Chicago.

Wanted

At once; competent rose and carnation grower; married; state salary expected, with references. Address

Daniel E. Gorman, Williamsport, Pa.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. 48, care Florists' Review, Chicago.

Greenhouse For Sale

For removal on account of city improvements, a range of new iron frame greenhouses in New York City. Write for particulars to No 77, care Florists' Review, 334 Dearborn Street, Chicago, Ill.

A BUSINESS OPPORTUNITY

Wanted a partner with $5,000.00 or more and a good practical knowledge of the florists' business to take one-half interest in an established business, 15,000 feet of glass, with boiler capacity for as much more; also room for 50,000 feet more of glass, which could be made to pay big interest on investment, with a growing wholesale business which now exceeds by nearly half my present ability to produce; centrally located, four railroads and all express companies; all correspondence to be confidential. Address No. 53, care Florists' Review, Chicago.

Wanted

Florist who understands growing of general stock for retail trade; must speak English and understand perennials and shrubbery; good opportunity for the right man; wages to start, $17.00 per week; will pay more if ability is worth it; single man preferred; Chicago suburb. Address No. 75, care Florists' Review, Chicago.

For Sale!

A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address

No. 68, Care Florists' Review, Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street — **Cable Address: ALEXCONNELL** — **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Flowers Delivered to All New England Points

Morse & Beals

Florists

8 Merrimack Sq., **Lowell, Mass.**

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2840 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

Iowa Seed Co., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

11 North Pearl St., • • ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

THE SMART SET FLORAL CO.

Broadway and 83rd Street

NEW YORK

Telephone 1790 Riverside.

Prompt and personal attention given your orders by expert artists.

Sharkey Florist

Phone 5195 Madison Sq.

Late with Thos. Young, Jr.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Out of town orders given expert and personal attention. Try me.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

DAYTON, OHIO.

The Market.

Thanksgiving business was a pleasant surprise to the Dayton florists. From the general viewpoint, things looked rather discouraging the first of last week, but as the week wore on and Thanksgiving drew nearer trade commenced to boom and stock disappeared. Customers seemed to wait until the last minute before making their purchases in the way of cut flowers. So, after all, Thanksgiving trade this season was the best it has been in years. Besides the regular Thanksgiving orders, there was quite a demand for funeral work and also flowers for Thanksgiving weddings.

The chrysanthemum season is nearing its close. Many of the growers practically cut the last ones for Thanksgiving, while among the few that still hang on there seems to be but little choice. Roses and carnations are quite abundant now, including plenty of first-class stock.

The old proverb, "All's well that ends well," may be practically applied to the condition of trade which prevailed throughout the month of November. Up to the last ten days business was spasmodic, some days being good, while the next would be just the reverse, but Thanksgiving brought with it an excep-

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Brodway, N. Y.

Our Motto—THE GOLDEN RUL

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

W. A. Hammond

RICHMOND, VA.

Prompt shipment to all points in Virginia, North Carolina and other states

200,000 feet of glass to Cut Flowers

The West View Floral Co.

105 Peachtree St., Atlanta, Ga.

Choice Flowers Rare Plants For All Occasions

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS,

N. E. Cor. 44th Street and Madison Avenue,

Telephones 4025-4026, 38th Street,

NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union **Established 1874**

WARENDORFF

NEW YORK CITY.

The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.

FLORISTS

COVER ALL OHIO POINTS

124 N. High St., COLUMBUS, OHIO

JULIUS BAER

138-140 E. Fourth St.
Long Distance Phone

Cincinnati, Ohio.

Seattle and Coast

Orders Carefully Filled

Graff's Flower Shop

923 1st Ave., Seattle, Wash.

LINCOLN, NEB. CHAPIN BROS.

Retail Florists

Flowers for all occasions, from cradle to grave.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

MOBILE, ALABAMA

The Minge Floral Co.

The Anderson Floral Co.

ANDERSON

838 Marshall Ave., SOUTH CAROLINA

TERRE HAUTE, IND.

JOHN G. HEINL & SON,
120 South 7th Street

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

BERTERMANN BROS. CO.

LEADING FLORISTS

241 Massachusetts Ave., Indianapolis, Ind.

Orders for North Carolina promptly attended to by

J. VAN LINDLEY NURSERY CO.

Te . Office, Greensboro, POMONA, N. C.

Washington, D. C.

14th and H Streets

Blackistone

Also

1601 Eutaw Place,

Baltimore, Md.

CLEVELAND

..The..

J. M. Gasser Company

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

Washington, D. C.

Marche & Co.

Reliable House. Write, Wire or Phone.

14th and H Sts.

The Flower Shop

136 West 42nd Street

Telephone 259 Bryant New York

In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

SATISFACTION GUARANTEED

THE NEWMAN FLORAL CO.

10 E. 48th St., near 5th Ave., New York City

In the center of the Elite Section. Special attention given orders of out-of-town florists for Theaters, Ocean Steamships, etc. Write, telegraph or telephone.

tionally good trade, making the month of November a good month after all.

Not a word of complaint can be offered regarding the weather throughout the month of November, for it has been ideal. Fine, bright weather has prevailed and its effect on crops has been wonderful. It is feared, however, by some of the florists that these bright days will bring their Christmas Beauty crop in a little too early.

Various Notes.

The Dayton Florists' Club will hold its regular monthly meeting December 6, at the establishment of J. F. Young, on East Fifth street.

Miss Nellie Hodgin, Wilburn S. Hodgin and Mr. Markle, of Richmond, Ind., were the guests of Miss Ruby Bartholomew on Thanksgiving day.

Thanksgiving day at the home of Mrs. Bertha Hendrichs was the scene of a

JOHN WOLF

SAVANNAH, GA.

Wholesale and Retail **Florist**

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will Take Proper Care of Your Orders in **WISCONSIN**

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

WILLIAM J. SMYTH

FLORIST Cor. Michigan Ave. and 31st St., Chicago

We ship to all points in Illinois and Iowa.

PHONES:

Douglas 744, Douglas 523, Douglas 740

ADVANCE FLORAL CO., Five Phones

C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE. DAYTON, O.

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

Louisville, Ky.

JACOB SCHULZ, 550 So. Fourth Ave.

A. C. BROWN, SPRINGFIELD, ILL.

LARGE GREENHOUSES

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

"Where Quality is Paramount."

Ellison Floral Co

Both Phones. 4511-13 Olive St., ST. LOUIS

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph.

All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

906 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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Regular discount allowed on all orders, either Plants or Cut Flowers.

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FLORIST

Telegraph Orders a Specialty.

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The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

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ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON

CLARKE BROS. 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by

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BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO.

171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

family reunion. All report a good time and plenty to eat.

Miss Minnie Johnson, who has been confined to her home for several months, is still reported to be very ill.

The Miami Floral Co. voices the general sentiment of the florists in stating that Thanksgiving was the best it has been in years. They sold out on everything.

Warren G. Matthews had his show window quite artistically decorated with sweat peas on last Saturday.

H. H. Ritter reports a most satisfactory Thanksgiving trade and is well satisfied with the prospects for the coming week.

Several of the employees of the Miami Floral Co. had a clay bird shoot on Thanksgiving day. The event attracted a large crowd of spectators, who marveled at the marksmanship of the contestants. R. A. B.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Carpathia	New York	Liverpool	Dec. 4
Baltic	New York	Liverpool	Dec. 4
St. Paul	New York	S'hampton	Dec. 4
Furnessia	New York	Glasgow	Dec. 4
Waldersee	New York	Hamburg	Dec. 4
Canada	Montreal	Liverpool	Dec. 4
Ponce	New York	Porto Rico	Dec. 4
Luisiana	New York	Genoa	Dec. 4
Saxonia	New York	Egypt	Dec. 4
Asia	San Fr'sco	Hongkong	Dec. 7
Lusitania	New York	Liverpool	Dec. 8
Adriatic	New York	S'hampton	Dec. 8
Kroonland	New York	Antwerp	Dec. 8
Rhein	New York	Bremen	Dec. 9
La Bretagne	New York	Havre	Dec. 9
Cretic	New York	Italy	Dec. 9
Desterro	New York	Brazil	Dec. 10
Carmania	New York	Liverpool	Dec. 11
Arabic	New York	Liverpool	Dec. 11
Friesland	Philadelphia	Liverpool	Dec. 11
Caledonia	New York	Glasgow	Dec. 11
Amerika	New York	Hamburg	Dec. 11
Oruba	New York	Jamaica	Dec. 11
Berlin	New York	Genoa	Dec. 11
Ivernia	Boston	Liverpool	Dec. 14
Cecilie	New York	Bremen	Dec. 14
Campania	New York	Liverpool	Dec. 15
Empr. of China	Vancouver	Philippines	Dec. 15
Orotava	New York	Bermuda	Dec. 15

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Daily deliveries to Notre Dame University and St. Mary's Academy.

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The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Coombs LEADING FLORIST **Hartford, Conn.**

Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice. Trade discounts. First-class stock.

Send flower orders for delivery in....

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To **THOS. F. GALVIN, Inc.**

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Order your flowers for delivery in this section from the leading Florists of the Northwest.

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WASHINGTON, D. C.

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J. A. VALENTINE Pres.

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Jacksonville Floral Co.

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JACKSONVILLE, FLA.

STATE NURSERY CO. Cut Flowers

155,000 Sq. ft. of glass at your service **Helena, Montana**

J. F. AMMANN Long Distance Phones

Edwardsville, Ill. Alton, Ill.

MARION, IND.—The Marion Floral Co., which is owned by Dr. A. D. Smith and son, L. C. Smith, is making rapid strides. A new house is now being built for violets and sweet peas, and the entire heating plant is being overhauled. A four horse-power engine has been installed.

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Send us your retail orders. We have the best facilities in the city.

Send Your **PHILADELPHIA** Orders to

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Always on Time

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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Floral Designer and Decorator

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In the heart of the Bon Ton section of the City of Churches. Send your orders for steamers, theaters, etc. One trial will convince you.

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Write, Phone or Wire. 612 Linden St., **SCRANTON, PA.**

MONTREAL, We can fill all orders.

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MINNEAPOLIS, MINN.

Funeral designs on short notice. One of the largest establishments west of Chicago.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE first Hollander of the season, selling the 1910 bulb crop, has been reported from Sedalia, Mo.

AT Philadelphia it is said that the bean situation is the occasion of as much concern as the shortage of peas.

WITH the catalogues going to press, the fact that many European seeds will not arrive before late January begins to assume importance.

THE canners' publicity campaign appears to have consisted of a page advertisement in the November magazines; there is nothing doing in the December issues.

C. P. BRASLAN has donated a quantity of sweet pea seed to the chamber of commerce at San Jose, Cal., for the purposes of the floral festival to be held there next spring.

THE government seed shop has its catalogue out—in the shape of local notices that congressmen will be glad to hear from those who want a New Year's remembrance.

THE eastern seed houses have now got pretty well cleaned up on Dutch bulbs, and orders are still coming in. The boat from Holland last week landed nearly 100 cases, shipped on reorders.

A. H. GOODWIN, vice-president of The W. W. Barnard Co., Chicago, will sail on the Cunarder Saxonia from New York December 4, to join Mrs. Goodwin in Italy and spend the winter months in the Riviera.

THE market for bouquet green at Chicago this week is around $7 to $8 per case. The supply is undeniably light and it is said that one house holds the larger part of the quantity now available. When green gets above a certain figure the demand is curtailed and small lots aggregating considerable quantities are drawn to market, so the situation is one that is full of interest.

VALLEY PIPS.

On the boat from Hamburg that arrived at New York November 22 there were the following consignments of valley pips:

Consignee.	Cases.
Darrow, H. F.	33
Hagemann, W., & Co.	8
Maltus & Ware	325
Rolker, A., & Son	168
Roehrs Co., Julius	42
Stern, S.	42
Schwitters, A.	21
Total	639

On the boat from Hamburg, reaching New York November 27, there were the following consignments:

Consignee.	Cases.
Darrow, H. F.	276
Elliott, W., & Sons	32
Lang, R. S.	5
Lunham & Moore	308
McHutchison & Co.	239
Meyer, C. F.	94
Maltus & Ware	120
Pierson Co., F. R.	40
Roehrs Co., J.	20
Rolker, A., & Sons	14
Stern, S.	128
To order	221
Total	1,497

— TO THE TRADE —

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

PLANTS and BULBS for Florists' forcing; Azaleas, Rhododendrons, Lilacs, etc.; Romans, Valleys, Lilies, etc., imported to order; delivery, Fall season 1910. Address

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Azaleas, Rhododendrons, Clematis,

Roses, pot-grown plants for forcing.

Buxus, Conifers, Japanese Maples,

Shrubs, Palms, Bulbs, Etc.

A postal brings our catalogue.

LET US QUOTE PRICES ON YOUR LIST OF WANTS

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COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

P. O. Box 1250 26 Barclay St., NEW YORK

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FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

Mention The Review when you write.

IMPORTS.

The imports of seeds through the port of New York for the week ending November 20 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Canary	1,658	$3,509	Grass	1,086	$ 6,939
Caraway	170	1,103	Hemp	100	456
Cardamom	5	174	Millet	3,565	10,600
Castor	1,200	2,045	Mustard	3,000	21,689
Clover	96	2,391	Poppy	700	3,277
Fennel	10	294	Other		12,160

In the same period the imports of bulbs, trees and plants were valued at $51,623; peas, $3,101, and beans, $2,472.

FREE SEEDS ARE PURE SEEDS.

In his annual report, made public December 1, Secretary of Agriculture James Wilson has the following to say of free seeds and pure seeds:

"The distribution of seeds and plants on congressional order was continued during the past year along the same general lines as previously. Owing to the higher price of vegetable seeds, the quotas assigned to each member of congress were slightly smaller than in former years. The packeting, assembling and mailing of the vegetable and flower seeds were carried out satisfactorily under contract, as formerly. Particular attention has been devoted to the development of

Danish Seeds...

Cauliflower

Cabbage, white and red

Radish, oval, rose-red, white tipped

The Best for Xmas Forcing

Prices and samples on application.

D. T. POULSEN, Seed Grower

70 Roskildevej, Copenhagen, Denmark

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CAULIFLOWER Seed

CABBAGE

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

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HASSLACH'S

25th Jubilee Catalogue

1884-1909

For Flower and Garden Seeds, just issued.

JACQUES HASSLACH, Seed Grower

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ORCHIDS

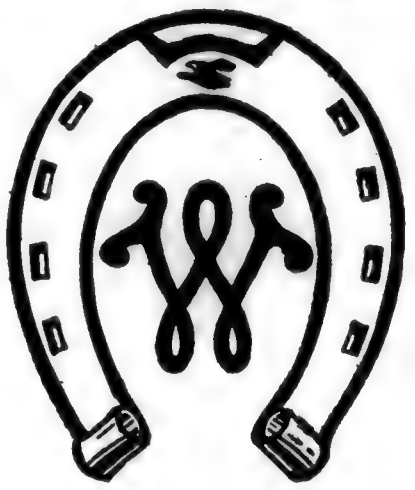
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SANDER, St. Albans, England

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Ward's Lily Bulbs



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RALPH M. WARD & CO.,
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BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write.

improved methods of cleaning the seed obtained for congressional distribution, and its quality has been greatly improved thereby.

"Another line of work connected with the seed distribution which should be mentioned is the effort to bring about the home production of Dutch bulbs in sufficient quantity to build up a new industry. There are sections of the Pacific coast region which seem well suited to the production of these bulbs, and experiments are under way to determine whether their cultivation can be carried out on a successful commercial basis.

"The seed-testing laboratories of the department have continued their efforts in the interest of pure seed for the farmer. Three branch laboratories are now in operation, in coöperation with the experiment stations of Nebraska, Missouri and Oregon. At these laboratories, as well as at the main laboratory in Washington, many hundreds of samples of seed submitted by farmers and seedsmen are being tested for the presence of adulterants, as well as for purity and germination, and the results of these tests reported.

"In accordance with the authority granted by congress, samples of seed of forage crops have been collected and examined, purchases being made of those showing signs of adulteration. This work has been conducted along lines followed in the past, the names of firms whose seeds are found to be adulterated being published. It is very gratifying to state that the practice of seed adulteration has in this manner been practically stopped, save in the cases of orchard grass and Kentucky bluegrass, and quite materially reduced even in these cases.

"An educational movement for the purpose of encouraging greater interest in good seed has been carried on by means of lectures and lantern-slide demonstrations at farmers' institutes, several weeks having been spent in this work. During the past year opportunities have been afforded persons interested in pure seed work to study seeds and approved methods of seed testing in the main lab-

LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS Get Our Prices 228-230 KINZIE STREET, CHICAGO

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SAN FRANCISCO CALIFORNIA

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Better write to Burpee, Philadelphia,—for new Complete Catalog

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Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

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S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

BEAN, CUCUMBER, TOMATO

Radish, Pea, Muskmelon

Squash, Watermelon, Sweet Corn

CORRESPONDENCE SOLICITED.

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Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

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Onion Sets - Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

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78th and Brunswick Ave., PHILADELPHIA, PA.

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GET QUOTATIONS FROM

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Bloomsdale Farms BRISTOL, PA.

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Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.

Correspondence solicited.

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MICE PROOF SEED CASES

HELLER & CO., Montpelier, O.

Or 220 Wyandotte St., Kansas City, Mo.

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To Close Out. Best Stocks.

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Belle Alliance	$16.00
Couleur Cardinal	16.00
Crimson King	10.00
La Reine	6.00
Rose Grisdelin	8 00
Montresor	11.00
Yellow Prince	6.00
Duc de Berlin	12 00
Couronne d'Or	17.00
Imperator Rubrorum	17.00
Murillo	13.00
Salvatora Rosa	14.00
Tournesol, R. and Y.	11 00
UNNAMED HYACINTHS	18.00
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VON SION NARCISSUS, 1st size	9.00
" " double crown	14.00
LILY VALLEY, best early forcing	12.00

W. C. BECKERT, Seedsman

Northside, PITTSBURG, PA.

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OUR SPECIALTY

Next fall will be

Lycoris Squamigera (Amaryllis Hallii).
Home-grown Liliums.
All varieties of German and Japan Iris.

Write for prices.

JOHN LEWIS CHILDS, Floral Park, N. Y.

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SELLING OUT

DUTCH BULBS AND LILIUM HARRISII

6/7, to make room. Write for valuable price list.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

oratory at Washington. Representatives from several prominent seed houses preparing to do their own seed testing were among the number, and as a result several have purchased apparatus preparatory to fitting up laboratories in their own establishments. Hundreds of authentic samples of common weed and economic seeds, put up in vials labeled with their common and scientific names and packed in herbarium trays, have been distributed, to be used for reference, thus enabling individuals to become familiar with the more common economic seeds and their impurities.

"The results of the year's work in testing some 1,200 so-called distinct varieties of vegetables have shown that in a great many cases seedsmen send out under varying varietal names stocks whose only difference is the degree to which they are uniformly of the same varietal character, and that the use of different varietal names to distinguish what are in reality simply different grades or strains of the same sort is a very common practice of even our best and most reliable seed firms."

CATALOGUES RECEIVED.

James Veitch & Sons, Chelsea, England, new hardy plants from western China; Wiseman's Horticultural Establishment, Elgin, Scotland, special offer of climbing plants; Kelway & Son, Langport, Somersetshire, England, gladioli; The Newburys, Mitchell, S. D., retail Christmas announcement; Valdesian Nurseries, Bostic, N. C., trees, shrubs, berry plants and other nursery stock; Joseph Bancroft & Son, Cedar Falls, Ia., Christmas supplies.

The Review sends Scott's Florists' Manual postpaid for $5.

GLADIOLI

Society of American Florists
AND
Ornamental Horticulturists.

This is to Certify that
E. E. Stewart
is entitled to
HONORABLE MENTION
for Gladioli Fairy Queen, Lucille, Golden Queen, President Taft
Exhibited at Cincinnati, Ohio, August, 1909

J. H. Centlivre President — *Willis N. Rudd* Secretary

GOLDEN QUEEN. Rich cream color, clear cut maroon blotch, early, $4.00 per 100; $30.00 per 1000.

PRES. TAFT. Large, well opened flower of good pink shade with darker stain on lower petals, immense in bulb, spike and flower, $3.00 per 100; $25.00 per 1000.

These varieties are good for cut flowers, are offered to the trade for the first time, and should be catalogued by all up-to-date houses.

AMERICA. 1½ to 2-inch, $30.00 per 1000. 2-inch and up, $35.00 per 1000.

I am headquarters for planting stock of **MME. MONNERET,** and can supply in large lots.

Contracts for crop of 1910 solicited. Send for list.

E. E. STEWART, Rives Junction, Mich.

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A Chance of Your Lifetime—Never to Return

Speak quick and have the benefit of the new tariff, while stock is on hand.
Prices are strictly net cash and not less than 1000 in a lot.

HYACINTHS

In separate colors.....$12.00 per 1000 Extra, to name, fine stock.....$22.00 per 1000

TULIPS

Single or double, in separate colors, $4.00 per 1000.

	Per 1000		Per 1000
Artus	$ 6.00	Rose Blanche	$4.00
Belle Alliance	10.00	Yellow Prince	5.00
Cardinal's Hat	5.00	La Candeur	8.00
Duchess de Parma	5.00	Rex Rubrorum	8.00

CROCUS

Striped, white and purple, $1.50 per 100.

A full line of **Boxwood**—all sizes, Deutzia Lemoinei, Lilacs and specimen Evergreens are now ready to be sent out.

F. W. O. SCHMITZ, - Prince Bay, N. Y.

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SURPLUS BULBS -- EXTRA FINE STOCK

SINGLE TULIPS	Per 100
Artus	$1.10
Belle Alliance	1.75
Chrysolora	.70
Duc Von Thol, scarlet	1.40
" " " white	1.40
Joost Van Vondel, white	2.75
" " " red and white	1.40
Keizerskroon	1.50
La Reine, per 1000, $7.00	.85
Prince of Austria	1.50
Rosamundi Huickman	.75
Rose Grisdelin, per 1000, $11.00	1.30

SINGLE TULIPS	Per 100
Rose Luisante	$2.00
Yellow Prince, per 1000, $7.50	.85
Superfine Mixed, per 1000, $6.00	.75
DOUBLE TULIPS	
Couronne d'Or	1.75
Imperator Rubrorum	1.75
Murillo	1.75
Yellow Tournesol	2.00
NARCISSUS	
Empress	1.50
Golden Spur	1.60
Poeticus Ornatus	.50

SLUIS SEED STORE, 544 W. 63d St., CHICAGO, ILL.

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Cannas at Contract Prices

F. O. B. New York and F. O. B. Chicago

800,000 DORMANT CANNA ROOTS 800,000

READ THIS

Upon the Cannas enumerated below the following prices are good until January 1, 1910. If cash accompanies the order we will also allow a special discount of 5 per cent. The Cannas can be shipped any time (at purchaser's option), from New York or Chicago, up to April 1, 1910.

Upon orders received after January 1, 1910, we reserve the right to raise the price not less than 20 per cent. Order today and save 25 per cent upon your Canna order.

	100	1000
CRIMSON SHADES		
A. Bouvier, 5 ft.	$1.25	$12 00
A. Roosevelt, 4 ft.	2.75	25.00
B. Poitevine, 3½ ft.	1.75	15.00
Charles Henderson, 4 ft.	1 25	12.00
Crimson Bedder, 3 ft.	1.75	15.00
Duke of Marlborough, 4½ ft.	1.50	14.00
J. D. Eisele, 5 ft.	2.00	17.50
Explorateur Crampbel, 5½ ft.	1.50	14.00
Express, 2 to 2½ ft.	1.75	15.00
Louisiana, 7 ft.	1.50	14.00
Pillar of Fire, 6 to 7 ft.	2.25	20 00
Pres. McKinley, 2½ to 3 ft.	1.75	15.00
Tarrytown, 3½ ft.	1.50	14.00
PINK SHADES		
L. Patry, 4½ ft.	1.75	16.00
Louise	2.25	20.00
Mlle. Berat, 4½ ft.	1.50	14.00
Tennyson, 5½ ft.	2.25	20.00
ORANGE SHADES		
Pres. Cleveland, 4 ft.	1.75	15.00
Cinnabar, 4½ ft.	1.75	15.00
YELLOW, GOLD EDGED		
Gladiator, 4 ft.	2.25	20 00
Mad. Crozy, 5½ ft.	1.75	15.00
Premier, 2½ ft.	1.75	15.00
Queen Charlotte	2.00	17.50
Souv. d'Antoine Crozy, 4 ft.	2.25	20.00
WHITE SHADES		
Alsace, 3½ ft.	1.50	14.00

	100	1000
YELLOW SHADES		
Buttercup, 3½ ft.	$1.50	$14.00
Florence Vaughan, 5 ft.	2.00	18.00
Comte de Bouchard, 4½ ft.	1.75	15.00
L. E. Bailey, 4½ ft.	2.25	20 00
Newbury	2.75	25.00
Richard Wallace, 4½ ft.	2.25	20.00
BRONZE LEAVED		
Black Beauty, 5 ft.	3.75	35 00
Black Prince, 3 to 4 ft.	2.25	20.00
Brandywine, 4 to 5 ft.	2.25	20.00
David Harum, 3½ ft.	2.75	25.00
Egandale, 4 ft.	1.75	15.00
*King Humbert, 4 ft.	2.75	25.00
Leonard Vaughan, 4½ ft.	1.75	15.00
Musafolia, 5 ft.	2.25	20 00
Robusta, 6 to 8 ft.	1.50	12.00
Shenandoah, 6 ft.	1.50	14.00
ORCHID FLOWERING		
Alemannia, 4 to 5 ft.	2.00	18.00
Austria, 5 ft.	1.50	14.00
Indiana, 4½ ft.	1.75	15.00
Italia, 4½ ft.	1.50	14 00
Kronus, 5 ft.	2.25	20 00
Mrs. Kate Gray, 6 ft.	1.75	15.00
Pennsylvania, 5 ft.	1 50	14.00
Wyoming, 7 ft.	1.50	14.00

*No order taken for King Humbert unless other varieties are ordered in proportion.

Our Cannas are packed 250 in a box; two can be "cleated" together and shipped as one. One box of 250 sold at 1000 rate. It is cheaper for you to buy a box than 200 at 100 rate.

ARTHUR T. BODDINGTON

342 W. 14th St., NEW YORK

Chicago and Western Agents **Winterson's Seed Store**

45-47-49 Wabash Ave., Chicago, Ill.

Surplus Bulbs

	Per 100
HYACINTHS	
Double Named	$4.50
Double Unnamed	2.35
Single Unnamed	2.35
DOUBLE TULIPS	
Imperator Rubrorum	2.25
Rex Rubrorum	1.65
Superfine Mixed, early	.75
SINGLE NARCISSUS	
Princeps Maximus	2.25
Golden Spur	1.75
Poeticus Burbidgii	.50
DOUBLE NARCISSUS	
Albo Pleno Odorato	.50
Von Sion, true Daffodil	1.00
Von Sion, double nose	1.80
Mixed	.80
Polyanthus Narcissus Mixed	.85

To secure these prices, must mention this paper.

JAMES VICK'S SONS, Rochester, N. Y.

Mention The Review when you write.

Yuess Gardens Co.

SEEDS : BULBS : PLANTS

Newburgh, N. Y.

Mention The Review when you write.

LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

Mention The Review when you write.

Dutch Bulbs, French Bulbs, Freesia, Easter Lilies, in Stock Now.

H. H. BERGER & CO., 70 Warren St., New York

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

PAPER WHITES FOR CHRISTMAS.

What time should Paper White narcissi be brought into the greenhouse to have them in bloom for Christmas?

J. W. S.

About three weeks in a temperature of 60 degrees at night will suffice for your Paper Whites. If you have not this heat at command, allow a month. They can easily be held a few days in a cold house. C. W.

NAMES OF HARDY ASTERS.

I am sending you two native hardy asters. Please name them for me. The larger flower has a brown center and grows on a stiffer stalk, three and one-half feet high; the flowers are violet rose in color. The stalk of the smaller flower is slender, grows about three and one-half feet and droops like the white multiflora. H. H. K.

Both plants are of the same species, Aster grandiflorus (Linnæus). Hardy asters vary much in both foliage and color, but the pappus, involucre and the minutely hispid foliage and stalks show in this case one species. C.

Pana, Ill.—R. O. Henderson, of the Pana Greenhouses, will build some additions to his range, on West Third street.

Dunkirk, Ind.—From Leon G. Barbier comes the pleasant announcement that the stork visited his home November 22 and left a fine eight-pound girl.

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. First size bulbs, 1¾ inches and up. **$2.00** per 100; **$18.00** per 1000.
Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

May. Pure white, flaked rosey crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs, 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000
Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladiolus in cultivation. **$1.00** per 100; **$9.00** per 1000.

Gladiolus, Colvillei and Nanus (type).

Plant some of these among your carnations; they will come in handy at any time.

Peach Blossom. The most beautiful of all the Colvillei type of Gladiolus; the color is a lovely soft pink, on the order of the Killarney rose. **$0.90** per 100; **$8.75** per 1000.

Blushing Bride. Flowers are large, pure white, with delicate pink spot. Useful for early forcing. **$0.75** per 100; **$6.00** per 1000.

The Bride (Colvillei alba). This lovely white miniature Gladiolus makes a useful cut flower for early Spring use; will stand forcing. **$0.65** per 100; **$5.00** per 1000.

Ackermanii. Salmon-orange, with white blotches, edged scarlet; very pretty. **$0.75** per 100; **$6.50** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. NEW YORK CITY

Mention The Review when you write.

LILIUM MULTIFLORUM

Just received for Easter forcing, **Lilium Multiflorum,** 7/9, 300 case, at $45.00 per 1000.

SURPLUS

	Per 1000
Tulips, single, extra fine, mixed	$ 5.50
Tulips, double, extra fine, mixed	6.00
Paper Whites Grand., fancy, 14 cm	10.00
Paper Whites Grand., 13 cm	8.00

Currie Bros. Co., Seedsmen and Florists, **Milwaukee, Wis.**

Mention The Review when you write.

NEW CROP SEED

Asparagus Plumosus Nanus

True Eastern Greenhouse Strain

An unusually fine crop enables us to offer our exclusive quality at the remarkably low figure of $3.50 per 1000, or $30.00 per 10,000 seeds.

No order accepted for less than 1000 seeds.

W. W. RAWSON & CO., Seedsmen

5 UNION ST., BOSTON, MASS.

Mention The Review when you write.

RELIABLE SEEDS

Giant-flowered Cyclamen, carmine, pink, white, each color separate,	per 1000, $6.00;	tr. pkt.,	$1.00
Myosotis Winter Queen, fine for cut	oz., 3.00	"	.50
Stocks Beauty of Nice, true carmine, daybreak, lilac, white, each color,	oz., 4.00	"	.50

For other varieties see my catalogue.

O. V. ZANGEN, Seedsman, Hoboken, N. J.

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XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected, 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double, 500 seeds, $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

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Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

Mention The Review when you write.

Lily of the Valley

PERFECTION PIPS

Case of 2000 pips, $26.00; 1000, $14.00.

Can be forced into flower 1st January.

Selected 3-year HAMBURG

Case of 2500, $26.00; 1000, $11.00.

WM. ELLIOTT & SON

NEW YORK, N. Y.

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GLADIOLI FOR FORCING

	Per 100	1000
THE BRIDE—The old reliable white	$0.65	$5.00
BLUSHING BRIDE—Rosy white, striped carmine	.75	6.00
PEACH BLOSSOM—Delicate pink	1.00	9.00

STOKES' SEED STORE, 219 Market St., Philadelphia, Pa.

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RHUBARB ROOTS For Winter Forcing

Extra Large Clumps,

$1.50 per dozen, $10.00 per 100.

Special Quotation by the Thousand.

LILY OF THE VALLEY PIPS FOR EARLY FORCING

We import the finest stocks procurable of Berlin and Hamburg Pips.

High Grade Berlin Pips (3 years old), for Early Forcing. Per 100, $1.50; per 1000, $13.00; per case of 2500, $30 00.

High Grade Hamburg Pips (3 years old), for Later Forcing. Per 100, $1.25; per 1000, $11.00; per case of 2000, $20.00.

Write for our List of Surplus Bulbs.

JOHNSON SEED CO., 217 Market Street, Philadelphia, Pa.

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NEW CROP

LILIES OF THE VALLEY—Chicago Market Brand

Finest Valley for Christmas forcing. **$15.00 per 1000; $1.75 per 100.**

BERLIN PIPS—Early Forcing Variety

$13.00 per 1000; $1.50 per 100.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, 3040 Madison St., CHICAGO

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LILY OF THE VALLEY FOR PROMPT DELIVERY

EXPOSITION GRADE. This is an extra fancy grade of Berlin crowns. There are never enough of them to supply the demand. Out of Mr. Reimschneider's entire growing, he usually has only 50,000 to 75,000 of this grade, which is evidence of the care with which they are selected. **In cases of 800 crowns, at $13.00 per case.**

PERFECTION GRADE. This is a true Berlin, extra selected, 3-year-old straight, long, clean crown, with long, fibrous roots. Under proper treatment, they force out with tall racemes, bearing the maximum number of large bells, free from decay at the bottom. The foliage is ample but not too abundant. **In cases of 1000 pips, at $14.00 per case.**

HOLSATIA GRADE. These are suitable for later forcing, or for cold storage purposes, and are highly recommended to seedsmen. Very fine selected 3-year-old Hamburg Pips, very heavy roots, extra strong growth. Will hold over well in cold storage and produce good flowers the following fall. **In cases of 2000 pips, at $25.00 per case; per 1000, $13.50.**

JACKSON & PERKINS CO., NEWARK, N. Y.

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Winter Flowering Sweet Peas

We carry **in stock,** all the **leading and up-to-date varieties,** and have **many testimonials** as to **quality** and **trueness of type. For prices** and **varieties** see our **advertisements** in **previous numbers** of the Review or **write** for our **Fall Bulb Catalogue,** which contains a full and descriptive list of varieties **worth growing.**

ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY

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Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

Importers and Growers of High-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, Telephone 4285 Gramercy **NEW YORK CITY**

Always mention the Florists' Review when writing advertisers.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Nov. 30.—Cucumbers, 50c to $1 doz.; leaf lettuce, 18c to 25c case; radishes, 50c to 75c doz. bunches; mushrooms, 25c to 35c lb.

NEW YORK, Nov. 29.—Cucumbers firm, lettuce dragging and lower in price, mushrooms more plentiful. Cucumbers, 50c to 85c doz.; head lettuce, 35c to $1 per strap of 3 doz.; mushrooms, 30c to 50c lb.; tomatoes, 10c to 20c lb.; mint, 30c to 40c doz. bunches.

SICKLY CUCUMBER PLANTS.

Could you kindly tell us what is the trouble with our cucumber plants, and what treatment to give them to make them grow? They are in a new house, in six inches of new soil on raised benches. The house was not completed until late and the seed was planted November 1, in the benches. The soil is three-quarters pasture soil and one-quarter cow manure. The pile was made in the fall of 1908 and forked over once. The temperature has run from 60 to 65 degrees nights and from 75 to 90 degrees days, according to the brightness.

As to the trouble, after they have been up a little over two weeks, or when they put on the fourth leaf, the edges of the leaves begin to turn as though they had been burned, then turn white and wither. They do not seem to have any life in them. The roots look good and healthy. We do not think that it is the soil, as we have a house of carnations in the same soil and they are doing fine. There has been no sudden drop in temperature and they have been run rather on the dry side. The only way that we can account for their acting so is they were started late and the shortness of the days. We would be very grateful for any information on the subject.

E. L. J.

Of all plants, I know of none more surely ruined by being stunted, checked, or crippled when young, than the cucumber. Your plants are unquestionably worthless, no matter what the cause. You will be wasting time and money to leave them in the benches. Pull them out and start some more at once, or those sick ones will worry you gray-haired before you realize that they will not pay for the fuel used to heat them.

Your soil is excellent for carnations or roses, but for cucumbers you should spread a thick coat of manure on top and spade it under before replanting. It matters little whether it is fresh or rotted, but I prefer fresh, short stable manure. There is little chance of getting too much manure on for cucumbers, and few growers use half enough.

Your temperature varies too much; too cool at night and too hot daytimes. Night temperature should not go below 65 degrees; 68 degrees is ideal, but anywhere between 65 and 70 degrees is good. Day temperature should not go above 85 degrees; 75 to 85 degrees is about right, depending on sunlight. The thermometer must be shaded, to protect it from the sunshine.

Your trouble was not caused by starting the plants at this season. I have started fine crops recently, but they are more difficult to get started now than in the spring.

As to what caused the leaves to wither and burn in this case, I could not say. It may have been caused by too strong fumigating, or by having the tiny plants too wet, so they did not make sufficient roots; or so dry that plenty of roots could not keep them from burning in the strong sunlight.

Here are some important points to follow in starting the new crop:

Plant the seeds in loose soil in seed boxes or flats, cover thinly, water lightly and place a pane of glass over each box; then set them where there is a warm bottom heat from pipes close underneath. When sprouted, in about three days, remove the glass, and as soon as the seed leaves spread out, lift them carefully and put them in pots a little deeper down than they were. Use soft, loose, rich soil and press gently. Place them on a bench in the brightest, warmest place you have. Water them well at time of potting, but do not keep them too wet afterwards. In eighteen to twenty-one days they will be ready to plant in the beds, already prepared. Soak them when planted out, but be careful afterwards to keep it plenty moist, but not too muddy wet. Spray the vines and walks lightly

No Grower of Vegetables under glass can afford to do without the Wittbold system of

Watering

—because with it a boy can do as much as two men can do in a whole day with the hose—and do it better.

The system is equally valuable outdoors, and for many other crops besides vegetables—wherever you need water.

Send for our booklet—with testimonials—read and you'll send in your order.

E. H. HUNT
Exclusive Sales Agent
76-78 Wabash Ave., CHICAGO

Mention The Review when you write.

Vegetable Seeds
FOR FORCING
STOKES' STANDARDS are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ½ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb., 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 35c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb., 35c; lb., $1.25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

Stokes' Seed Store
219 Market St., PHILADELPHIA, PA.

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Thorburn's Seeds

Finest strain of Long Island grown
Early Jersey Wakefield Cabbage
and other high grade seeds for Market Gardeners and Florists. Send for prices.

J. M. THORBURN & CO.
33 Barclay Street, through to 34 Park Place, NEW YORK.

Mention The Review when you write.



Rosy Gem Radish

(also called "Rapid Forcing"), is a great favorite in many markets. It's a very pretty sort and a "tasty" one besides. This makes it sell very readily and the other good qualities keep it in demand.

Our Superior Strain

of this variety is of highest vitality, produces typical roots of uniform beauty, which bring fancy prices everywhere. Plant our strain of Rosy Gem Radish for quick and profitable returns from your benches. **Oz., 5c; ¼ lb., 15c; lb., 50c, postpaid.**

Fireball or Non Plus Ultra, rich, solid scarlet. Oz., 5c; ¼ lb., 15c; lb., 45c. Postpaid.

You could not buy any **better** seed at **any** cost and you would not get as good results from many higher priced stocks on the market. Watch this space for further "True Blue" news. For prompt attention address orders to

Desk R,
The Livingston Seed Co.
Columbus, Ohio

Mention The Review when you write.

THE cost of labor saved in six months will buy and install a Skinner System of Greenhouse Irrigation.

The Skinner Irrigation Co.
TROY, O.

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

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Edward Reid, HUDSON RIVER VIOLETS
WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa.
My Maryland, fancy Carnations, Valley and all seasonable varieties of Cut Flowers
WILD SMILAX FOR THE DECORATOR
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 1.

	Per doz.
Beauty, Specials	$4 00 to $5.00
" Extra	3.00 to 3.50
" Medium	2.00 to 2.50
" Short	1.50
	Per 100
Killarney, My Maryland, Select	$ 8.00 to $10.00
" " Ordinary	4.00 to 6.00
Bride, Maid—	
Select	6.00 to 8.00
Ordinary	4.00 to 5.00
Richmond, Jardine, Fancy	8.00 to 10.00
" " Ordinary	4.00 to 6 00
Carnations, Fancy	3.00 to 4 00
" Select	2.00 to 2.50
" Ordinary	1.50
Harrisii Lilies.....per doz., $1.50	
Adiantum	.75 to 1.00
Asparagus Plumosus, strings	50.00
" " sprays 35c-50c	
" Sprengeri " 35c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Cattleyas.....doz. $9.00 to $10.00	
D. Formosum.....each, 40c to 50c	
Oypripedium .....each 12½c to 15c	
Gardenias, Fancy doz $6.00	
" Shorts " 4.00	
Violets, Double, Fancy	1.00 to 1.25
" Ordinary	.75
Violets, Single, Fancy	.60 to .75
" Ordinary	.40 to .50
Mums, Fancy....doz., $2 50 to $3.00	
" Select...doz., 1.50 to 2.00	
" Ordinary, doz., .75 to 1.00	
Pompons....per bunch, 20c to 25c	
Sweet Peas	.75 to 1 00
Bouvardia	2.50 to 3.00
Yellow Daisies	1.00 to 1.50
White "	1.00 to 1 50
Mignonette	3.00 to 4.00
Pansies	.75 to 1.00
Snapdragon	.75 to 1.00
Romans	4.00
Paper Whites	3.00 to 4.00
Poinsettias	3.00 to 4.00

Milwaukee, Dec. 1.

	Per 100
Beauty, Long	$25.00
" Medium	$15.00 to 20.00
" Short	8.00 to 12.00
Bride and Bridesmaid	4 00 to 8.00
Chatenay	4.00 to 6.00
Richmond	4.00 to 8.00
Killarney	4.00 to 8.00
Perle	4.00 to 6.00
Stevia	1.50
Carnations, Fancy	4.00
" Good	2.00 to 3.00
Valley	3 00
Asparagus Plumosus, strings	50.00
" " sprays	3.00
" Sprengeri "	3.00
Adiantum	1.00
Lilies.....per doz., $1.50	
Ferns.....per 1000, 2 00	
Mums.....per doz., $2.00 to 3.00	
Violets	1.00
Sweet Peas	1.00

St. Louis, Dec. 1.

	Per doz.
Beauty, Specials	$3.00 to $4.00
" Extra	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Bride and Maid, Specials	$ 4.00 to $ 8.00
" " No. 1	2.00 to 5.00
Richmond	4.00 to 8.00
Carnot	4.00 to 8.00
Ivory	4.00 to 8.00
Killarney	4.00 to 8.00
Carnations, Fancy	3.00 to 4.00
" Common	1.50 to 2.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets, Single	.50 to .75
" Double	1.50 to 2.00
Chrysanthemums, doz., $2.00-$3 00	

about twice a day to keep the atmosphere moist.

The critical time in the life of a cucumber plant is for five weeks following the day the seed is planted. Then and there is where the success of the crop is hinged, and there is the chance for the grower to exercise his skill.

If you wish to coax this crop along while attempting to start another, you might put on a thin coat of manure for feed and water the beds well occasionally. Run your night temperature up to 70 degrees. Weak manure water would be better than manure as a top-dressing just now. Look out for insects. But I regret I cannot extend encouragement.

H. G.

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	Per 100	
Beauty, Specials	$20.00 to	$35.00
" Fancy	15 00 to	20 00
" Extra	10.00 to	15.00
" No. 1	8.00 to	6.00
" No 2	1 00 to	4.00
Bride and Maid, Specials	4.00 to	6.00
" " Extra	3.00 to	4 00
" " No. 1	2.00 to	3.00
" " No. 2	1 00 to	2.00
Richmond	1.00 to	8 00
Chatenay	1 00 to	8 00
Killarney	1.00 to	8 00
My Maryland	1 00 to	8 00
Orchids	50.00 to	75 00
Carnations, Common	.75 to	1.50
" Select and Fancy	1.50 to	2 50
Chrysanthemums	5.00 to	20.00
Adiantum Cuneatum	.25 to	.50
" Croweanum	.50 to	1 00
Asparagus Plumosus, bunches	15.00 to	25.00
" Sprengeri "	10.00 to	20.00
Smilax	6.00 to	10 00
Lilies	4.00 to	6.00
Lily of the Valley	2.00 to	4.00
Gardenias	10.00 to	35 00
Violets	.35 to	.75
Callas	6 00 to	8.00
Cypripediums	8.00 to	12.00

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Beauty, Specials	$20 00 to	$35.00
" Extra	10.00 to	15.00
" Short Stems	4.00 to	8 00
Bride and Maid, Select	3 00 to	4.00
" " Seconds	1 00 to	2 00
Chatenay	1.00 to	6 00
Killarney	1.00 to	8 00
Liberty, Richmond	1.00 to	6 00
Carnot Kaiserin	1.00 to	6 00
My Maryland	1.00 to	8.00
Carnations, Special		4.00
" Select		3.00
" Ordinary	2.00 to	2 50
Cattleyas		50.00
Lily of the Valley	3 00 to	4 00
Asparagus Plumosus, strings	30 00 to	50.00
" " Sprays, bunches	25 00 to	50 00
" Sprengeri, bunches	25.00 to	50.00
Adiantum	.50 to	1 00
Smilax	10 00 to	12 50
Sweet Peas	.35 to	.50
Lilium longiflorum	8 00 to	10.00
Violets	.40 to	75
Chrysanthemums	4.00 to	25.00
Gardenias	15 00 to	25 00
Cypripediums	8.00 to	10.00
Paper White Narcissus	1 50 to	2.00
Roman Hyacinths	1.50 to	2 00
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Bride	8.00 to 8.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	1.00 to 1.25
Violets, single	.75 to 1.00
Sweet Peas	1.00
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.25
Ferns, per 1000, $1.50	

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	Per doz.
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" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.25
" short "	1.00

	Per 100	
Bridesmaid, Special	$ 6.00 to	$ 8.00
" Firsts	4.00 to	5.00
" Short		3.00
Bride, Special	6.00 to	8.00
" Firsts	4.00 to	5.00
" Short		3.00
Richmond, Specials	8.00 to	12.00
" Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Golden Gate, Specials		6.00
" " Firsts	4.00 to	5.00
" " Short		3.00
Killarney, Specials	10.00 to	12.00
" Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
White Killarney, Specials		10.00
" " Firsts	6.00 to	8.00
" " Seconds		4.00
My Maryland, Specials	10.00 to	12.00
" Firsts	6.00 to	8.00
" Seconds		4.00
Mrs. Jardine, Specials	8.00 to	10.00
" Firsts	5.00 to	6.00
" Seconds	3.00 to	4.00
Cardinal	6.00 to	12.00
Rhea Reid	3.00 to	10.00
Uncle John	3.00 to	6.00
Perle	3.00 to	7.00
Carnot	4.00 to	8.00
Carnations, Select	1.50 to	2.00
" Fancy	2.00 to	3.00
Violets	.75 to	1.25
Sweet Peas	.75 to	1.50
Bouvardia	2.00 to	5.00
Stevia		2.00
Paper Whites	2.00 to	3.00
Romans	2.00 to	3.00
Mums, doz., 50c-$3.00		
Cattleyas, per doz, $6.00-9.00		
Easter Lilies, per doz, $1.50-2.00		
Callas, per doz, $1.50		
Valley	3.00 to	4.00
Asparagus, strings	50.00 to	75.00
" sprays...bunch, 35c-75c		
" Sprengeri " 25c-35c		
Ferns, per 1000, $1.50		.15
Galax " 1.00		.15
Adiantum	.75 to	1.25
Farleyense	8.00 to	12.00
Smilax, per doz, $1.50		
Leucothoe		.75
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Wholesale Cut Flower Prices.

Cincinnati, Dec. 1.

	Per 100
Beauty, Extra	$25.00 to $40.00
" No. 1	12.00 to 20.00
" Shorts	4.00 to 6.00
Bride and Maid, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Killarney	2.00 to 8.00
Richmond	2.00 to 8.00
My Maryland	4.00 to 10.00
Kaiserin Victoria	2.00 to 6.00
Rhea Reid	4.00 to 8.00
Carnations	1.00 to 2.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 8.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Adiantum	.75 to 1.00
Mums per doz., $2.00 to $3.00	
Baby Primrose	.50
Snapdragon	3.00 to 4.00

Buffalo, Dec. 1.

	Per 100
Beauty, Specials	$35.00 to $40.00
" Fancy	20.00 to 25.00
" Extra	15.00 to 20.00
" Shorts	4.00 to 12.00
Bride, Killarney and Maid, Special	10.00
" " " No. 1	6.00 to 8.00
" " " No. 2	4.00 to 6.00
" " " Shorts	3.00 to 4.00
Richmond	4.00 to 12.00
White Killarney	4.00 to 10.00
Chatenay	4.00 to 8.00
Maryland	5.00 to 10.00
Carnations	2.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Longiflorum	10.00 to 15.00
Ferns per 1000, $1.50	
Galax " 1.50	
Japan Lilies	3.00 to 4.00
Chrysanthemums	6.00 to 20.00
Violets	.75 to 1.25
Paper Whites	3.00 to 4.00
Stevia	1.00 to 1.25
Daisies	.75 to 1.00

Pittsburg, Dec. 1.

	Per doz.
Beauty, Specials	$5.00
" Fancy	3.00
" Medium	$1.50 to 2.00
" Short	.75 to 1.00
	Per 100
Bride and Bridesmaid, Fancy	$ 8.00 to $10.00
" " Medium	4.00 to 6.00
" " Short	2.00 to 3.00
Richmond	4.00 to 8.00
Killarney	4.00 to 10.00
White Killarney	4.00 to 10.00
Kaiserin	2.00 to 8.00
My Maryland	4.00 to 10.00
Carnations	2.00 to 4.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	3.00 to 4.00
Lilies	10.00 to 12.00
Chrysanthemums	8.00 to 25.00
Cattleyas	60.00 to 75.00
Daisies	1.00
Violets	.75 to 1.00

THE REVIEW will send the Book of Grafted Roses for 25 cents.

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers
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1433-35 California Street
DENVER, COLO.
Mention The Review when you write.

J. B. MURDOCH & CO.
714 Penn Ave., Pittsburg, Pa.
All Flowers in Season
SEND FOR LIST.
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Pittsburg Florists' Exchange
Boxwood ..... $12.50 per 100 lbs.
Ground Pine ..... 6.50 per 100 lbs.
Green Sheet Moss ..... $1.00 per sack
Give us your orders. We save you money on your Xmas Greens.
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Rice Brothers
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WHOLESALE FLORISTS AND SUPPLIES
CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc. Write for quotations on large quantities.
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ALL FLOWERS IN SEASON
Wire Designs and Florists' Supplies
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495 Washington St., BUFFALO, N. Y.
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A steady, weekly order wanted for
CARNATION BLOOMS
Direct from the grower at reasonable prices.
OTTO H. BOURDY, Lowell, Mass.

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We are manufacturing Wire Work for Florists and have satisfied customers everywhere. Are you one of them? If not, send at once for our **free** illustrated catalogue.
We are also commission dealers in Cut Flowers and Green Goods and jobbers in all kinds of Florists' Supplies. American Beauties our specialty.
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WIRE GOODS OF ALL KINDS
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The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.
Phone Main 584. 316 Walnut St., Cincinnati, O.
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Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

THE present season has been one of the best in years because of the long period of uninterrupted planting. The fall season is steadily growing in importance.

DREER'S field of phloxes, beside the railroad tracks at Riverton, N. J., each season makes a call for stock that is heard in nurseries all over the country.

M. J. VAN LEEUWEN, manager of the Continental Nurseries, Franklin, Mass., says the fall trade not only has been excellent, but above expectations. This is the firm which recently registered with the S. A. F. the variegated form of Berberis Thunbergii named Silver Beauty.

WM. WARNER HARPER, of the Andorra Nurseries, Philadelphia, sailed from New York for Cuba on the steamer Havana November 27, and was mistaken for Dr. Cook, the Arctic explorer, who left New York incognito the same day. The nurseryman had to establish his identity in order to escape the interviewers.

THE Inter-Mountain Nursery Co., of Brigham, Utah, has filed amendments to its articles of incorporation, reducing the capital stock from $100,000 to $50,000, and increasing the number of directors from three to five. F. T. Troxell is president and E. M. Tyson is secretary of the company.

NEED FEDERAL INSPECTION.

In his thirteenth annual report as secretary of agriculture, made public December 1, James Wilson says:

"In January, 1909, the authorities of the state of New York informed the Department that the brown-tail moth had been found in that state in shipments of seedlings received from Angers, France. Later it was learned also that the winter nests of this pernicious moth had been found in Ohio, on seedlings imported from the same French locality. By arrangement with the Treasury Department and the principal railroads, the department was then promptly notified of the final destination of all cases of plants received, and was thus enabled to notify state inspectors or other competent persons near the destinations. Notices of nearly 800 shipments, divided among thirty-five states, were thus sent out. In fifteen of these states nests of the brown-tail moth were found. Proper inspection was probably had in all cases, and it is likely that this concerted effort to prevent a new introduction of the brown-tail moth was for the time successful.

"Under our present laws, however, these shipments might easily have been overlooked, and the considerable expenditures which for several years we have been making in the warfare against the brown-tail moth would then have been to no purpose. Moreover, unless additional legislation is secured, we are in constant danger of such introduction of pernicious insects from abroad. We can not depend upon the inspection systems of foreign countries. These may be rigid in one country and lax in another, or in any country there may come a period of laxity during which insect pests destined for this country may escape detection. Neither can we depend upon the law now on the federal statute books which prohibits transportation companies from 'knowingly' bringing into this country, or carrying from state to state, any insect which is 'notoriously injurious.' Although this law also forbids the conveyance of 'notoriously injurious' insects in the mails, it is nevertheless insufficient, and there is, besides, no provision for its enforcement.

"What we need is a federal statute which shall not only forbid the importation or interstate transportation of injurious insects in all stages, with adequate penalties for its violation, but also provide for a thorough system of inspection and quarantine, at ports of entry, for nursery stock and other materials on

Bobbink & Atkins

Nurserymen and Florists :: Rutherford, N. J.

Boxwood and Evergreens

BOXWOOD, PYRAMID.

2½ ft.	$1.00 each	4½ ft.	$3 50 each
3 ft.	2.00 "	5 ft.	4.00 "
3½ ft.	2 50 "	5½ to 6 ft.	5.00 "
4 ft.	3 00 "	6 ft.	6.00 "

Evergreens

We have a large quantity and fine assortment of small **EVERGREENS** for Window Boxes and Vases. 10-12 in., $20.00 per 100. 12-15 in., $25.00 per 100; 15-18 in., $35.00 per 100.

KENTIAS and BAY TREES—Our stock is larger and finer than ever. We can fill orders for all sizes.

A visit to our nursery will convince you we have the quality that gives satisfaction.

Azaleas

Have arrived in splendid condition. We have all the most important varieties and sizes. Anybody in want of a quantity will do well to inspect our plants before placing their order.

Schryveriana, Paul Weber, Raphael, Vervaeneana, Mme. Van der Cruyssen, Dr. Moore, Mme. Cam Van Langenhove, Paul de Schryver, Niobe, Prof. Wolters, Simon Mardner, Louis de Kerchove, Deutsche Perle, John Llewellyn, Mme. Jos Vervaene, Memoire de L. Van Houtte, Sigismund Rucker and others.

	Doz.	100		Doz.	100
8-10 in. diam.	$3.50	$25 00	15-16 in. diam.	$ 9.00	$ 75.00
10-12 "	4.50	35 00	16-18 "	12 00	90.00
12-14 "	6.00	45 00	18 20 "	25.00	200.00
14-15 "	7.50	60 00	20-24 "	36.00	300.00

Order early to save heavy express charges; impossible to ship by freight in cold weather.

ASK FOR WHOLESALE CATALOGUE.

Mention The Review when you write.

FIELD GROWN SHRUBS IRIS THE USN CO. PÆONIES ROSES

The United States Nursery Co
RICH, Coahoma Co., MISS.

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Roses At Special Prices For Immediate Delivery

See Column Adv., page 60, Nov. 4.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO.

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FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, Trier, Dorothy Perkins, T. Blumschen, Lady Gay, La Flamma, Debutante, Hiawatha — **12c each**

Tausendschon, Barbier — **20c each**

Clematis Paniculata, field-grown, 1-year, 6c each

Clematis Paniculata, field-grown, 2-year, 10c each.

Hydrangea Paniculata Grandiflora, 18 to 24-in. 6c

Hydrangea Paniculata Grandiflora, 2 to 3 ft. 9c.

Viburnum Plicatum, 2 to 3 ft.. 12c.

Viburnum Plicatum, 3 to 3½-ft., 15c.

Chinese Sacred Lilies, $4 00 per 100; $35 00 per 1000

Dutch Hyacinths, named varieties, single and double, 45 kinds.

First size bulbs..... $ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

New York State Grown Roses for Forcing
GENERAL VARIETY OF NURSERY STOCK
W. & T. SMITH COMPANY
63 Years GENEVA, N. Y. 700 Acres
Mention The Review when you write.

which such insects may be imported, as well as a sufficient means of control of interstate transportation of such materials. Such an inspection, in conjunction with the admirable systems now in existence in the states, would provide the country with a reasonable degree of protection against additional introductions of insect pests."

EDWARD S. OSBORNE.

Edward S. Osborne, secretary and treasurer of the Charlton Nursery Co., was born in Rochester, N. Y., April 10, 1871. His first experience in the nursery business was at the age of 9 years, when he worked during Easter vacation for Glen Bros., of that city, on the packing yard, running out tags. After that he worked each season, both spring and fall, for the same firm, until he finished public school at the age of 14.

He then went into the office of Chase Bros. Co., in the fall of 1885, and continued there till 1890, when he accepted a position with Smith, Perkins & Co., one of the wholesale grocery firms of the city. After a year and a half in that business, he entered the employ of R. D. Luetchford & Co., nurserymen, and remained there until September, 1898, when he began work for Ellwanger & Barry.

He was connected with the last-mentioned firm till May, 1899, and then he organized the Charlton Nursery Co., at that time a copartnership between J. M. Charlton and himself. In 1902 the company was incorporated under the same name.



Edward S. Osborne.

WELLESLEY, MASS.—An overturned oil heater recently set fire to the new greenhouse of Selectman George A. Sweetser, on Forest street, Wellesley Hills. Fortunately, the fire was quickly discovered and was extinguished with comparatively slight loss.

California Privet
SPECIAL
For two weeks we will make Special Price on car lots of 18 to 24-inch, 2-year, well-branched and extra fine rooted stock, small quantities, at low prices.
Asparagus, Palmetto and Giant Argenteuil, 3-year, extra strong, $5.00 per 100.
JOS. H. BLACK, SON & CO.
HIGHTSTOWN, N. J.
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Going! Going!!
Berberis Thunbergii 18-24 in., $6.50 per 100; 12-18 in., 4.00
Rosa Rugosa, 2-yr., $ 8.00 per 100
Rosa Carolina, 2-yr., 10.00 per 100
SPECIMEN PLANTS
Viburnum Cassinoides.....50c each
WRITE FOR LIST
Littlefield & Wyman's
North Abington, Mass.
Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) Seedlings
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.
Mention The Review when you write.

Peonies a Specialty
Write us for latest price list
PETERSON NURSERY,
Stock Exchange Building. CHICAGO.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.
Mention The Review when you write.

PROVIDENCE, R. I.

The Market.

Smiles wreathed the countenance of practically every florist, be he grower, wholesaler or retailer, when asked about business last week. For the season of the year Providence never experienced a better trade. It was not alone because of an unusual number of funerals, weddings, receptions and other large affairs; it was the constant and almost general demand for cut flowers for the house that made the week an exceptional one.

There was a good stock of everything on hand, but practically everybody was cleaned out, notwithstanding the drizzling weather that visited this vicinity for several days. Prices held well, without any advance. Mums were in the lead, but roses, carnations and violets came in for generous recognition. A noticeable feature was the call for decorative plants in pots, which is unusual here at this season.

Funeral work has kept everybody hustling. Not that there has been an unusual number of funerals, but the prominence of the persons who have died has caused an extraordinary call for large and expensive pieces. It is safe to say that during the last week the florists have averaged from twenty to a hundred or more designs ranging in prices from $2 to $25 and in some cases higher.

Providence was almost metropolitan last week, for not often are four debutantes so successfully launched on the social sea in a single week. A large reception and dance was given to introduce the debutantes on Thanksgiving eve, and then there were a number of informal dinner parties, while more than fifty weddings added to the festivities of the week. These functions made inordinate demands upon the florists.

Various Notes.

John F. Wood, the well known Westminster street florist, was married in Worcester, Mass., November 18, to Miss Ruth Irene French, of this city.

Joseph Kopelman has had the interior of his store on Washington street painted in white enamel and newly wired and arranged for electric fixtures.

Charles H. Hunt has his new greenhouse on Burnside street nearly completed. He will use it for a palm house this winter.

Charles F. Coon, custodian of Wilcox park, Westerly, who has been seriously ill for more than a month, suffered a relapse last week, but is reported as having rallied and once more on the road to recovery. W. H. M.

Geraniums

Rooted Cuttings ready now

S. A. Nutt.....$10.00 per 1000

WHITE BROS., Gasport, N. Y.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Always mention the Florists' Review when writing advertisers.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Our Catalogue for 1910 is out and we wish to call attention to the many good things offered therein. As usual, we are making a specialty of grafted and own root Roses. We have arranged to graft 350,000 rose plants this year. We call special attention to the following:

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15 00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120 00
Own root	1.00	6 00	50.00
Richmond, Kaiserin, Bride and Maid,			
Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

We offer over 30 varieties of Roses and refer you to our catalogue for the complete list. If your name is not on our list, kindly drop us a postal card and we will be glad to mail you a copy.

Mention The Review when you write

Kaiserin

Bench plants. Ready for shipment. Two years old and over.

$50.00 per 1000

BASSETT & WASHBURN, Hinsdale, Ill.

Mention The Review when you write.

Satisfaction or Your Money Back.

POT GROWN

Hydrangea Otaksa

5-inch, fine stock...$15.00 per 100

4-inch, fine stock... 10.00 per 100

THE CARL HAGENBURGER CO.

West Mentor, Ohio

Satisfaction or Your Money Back.

Mention The Review when you write.

Geo. A. Kuhl

Wholesale Florist

Write for list

Pekin, - - Illinois

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Address

The HORTICULTURAL PRINTING CO.

BURNLEY, ENGLAND

Wholesale Trade List

Araucaria excelsa, fine plants, 3 tiers, 5-in. pots, 50c each.

Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Cycas Palms, fine shaped plants, 3-10 leave 10c per leaf.

Clematis paniculata, 3-in. pots, $5.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $6.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.

Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade

A. & C. Pearson, Lowdham, Nottingham, Eng.

Mention The Review when you write.

IMPORTANT ANNOUNCEMENT TO CARNATION GROWERS

At the earnest solicitation of a large number of commercial and private growers, the Cottage Gardens Company has decided to disseminate this year the two famous Carnations

MRS. C. W. WARD and ALMA WARD

two varieties which are well known to all the leading growers of the country. 4 years' test in the New York market has demonstrated their popularity and good staying qualities. For the past 3 years we have been growing from 15,000 to 25,000 of each, during which time they have always commanded the highest market prices, and at no time has the supply been equal to the demand.

On the exhibition table they have taken the highest honors, and we believe it is safe to say these two carnations stand without an equal.

INVITATION

We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see them growing and compare their good points with other standard varieties grown under the same conditions.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market.

The keeping qualities of this variety are remarkable. Several shipments of blooms sent to Europe reached their destinations in perfect condition, and wherever exhibited it has always been the last to show signs of wilting.

AWARDS

American Florists' Society Silver Medal, ... Boston, 1906
The Craig Cup for Best Seedling, ... Philadelphia, 1906
The Lawson Bronze Medal, ... Washington, 1908
The Horticultural Society of New York, Silver Medal, Sweepstake Prize for Best 100 Blooms, ... New York, 1909
The Horticultural Society of New York, Diploma for Best New Variety, ... New York, 1909

Rooted cuttings ready December 15th.

$2.00 per 12; $12.00 per 100; $100.00 per 1000; $95.00 per 1000 in lots of 2500. 25 at the 100 rate; 250 at the 1000 rate.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers, 3½ to 4½ inches in diameter, on strong, erect stems 36 to 42 inches in length.

This most remarkable variety takes the same place among Carnations as the American Beauty Rose among Roses, and has, during the past 4 years, been awarded numerous prizes, including the following:

The Lawson Silver Medal, ... Toronto, 1907
(No Gold Medal having been awarded.)
The Lawson Gold Medal, ... Washington, 1908
The American Florists' Society, Silver Medal, Washington, 1908

Rooted cuttings ready January 1st.

$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, Long Island, N. Y.

Logan Nurseries

JOHN N. HOBSON, Mgr.

York Road and Louden St. Philadelphia, Pa.

We have the following

PLANTS

to offer to the trade, in first-class condition, home-grown and hardy:

Kentia Belmoreana — Each
10-in. pot, 4 plants in pot, 4 ft. 10 in. high...$6.00
8-in. pot, single, 4 ft. 6 in. high.... ..... 2.50
8-in. pot, bushy plants.....per 100, $10.00

Areca Lutescens
6-in. pot, 3 plants in pot, 3 ft. high. $9.00 and $12.00 per doz.
8-in. pot, 3 plants in pot, 5 ft. high..... 2.50
7-in. pot, 3 plants in pot, 3½ ft. high..... 1.50
4-in. pot, 3 plants in pot.....$3.00 per doz.

Boston Ferns — Per 100
6-in. pot, nice full plants.....$35.00
4-in. pot, suitable for filling baskets..... 12.00

Nephrolepis Barrowsii
9-in. pots, well furnished.....$12.00 per doz.

Poinsettias
4-in. pots.....$12.00 per 100

Azaleas for Christmas
Nicely budded plants in various sizes and prices.

Begonia Lorraine — Per 100
4-in. pots, full of flower.....$35.00

Begonia Vernon
4-in..... 20.00

American Everblooming HYDRANGEAS

1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis,** etc.

THE E. Y. TEAS CO., Centerville, Ind.

Always mention the Florists' Review when writing advertisers.

Gloriosa Rothschildiana

Gloriosa Superba Grandiflora

Strong, four-year-old tubers

WRITE FOR ILLUSTRATED PAMPHLET AND PRICE LIST

KNIGHT & STRUCK, 1 Madison Ave., New York

Mention The Review when you write.

Rooted Carnation Cuttings

FOR DECEMBER DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

Always mention the Florists' Review when writing advertisers.

NEW
SEEDLING ROSE
Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

DENVER.

The Market.

The extra demand for flowers for Thanksgiving day increased the sales of a good many of the florists from ten to twenty-five per cent. The shipping demand was also increased, giving an activity to the business which has not been equaled for a good many weeks. The supply was not equal to the demand, as the growers were not cutting as much as usual just at the time when the stock was most wanted.

Chrysanthemums had been pretty well cut out for many days before the holiday; in fact, no yellow mums were to be had on the day they were most called for. Carnations were also scarce and prices advanced about one-third; even then not enough could be had. All kinds of roses were scarce, pink ones particularly so, as well as Beauties. Richmond also has come to the front as a favorite, but was not plentiful enough to supply the demand on that day. Violets were particularly shy, the price going up accordingly. Taking it all in all, the trade was good and the market was practically cleaned up.

Stevia and Paper Whites are now arriving in sufficient quantities to help out materially.

Various Notes.

The charity ball on Tuesday evening of last week was practically the beginning of the social season, and many flowers were used, both for the ball and the preceding dinners. The decorations at El Jebel Temple were done this year, as also for several years, by the Park Floral Co., B. E. Gillis doing the work in his usual artistic manner.

The next meeting of the Colorado Florists' Club will be held on Thursday evening, December 9, at T. M. A. hall.

E. S. K.

DAVENPORT, IA.

Emil Boehm, park superintendent, entertained the Tri-City Florists' Association on the evening of November 18. The discussion was on "Christmas Baskets." Messrs. Anderson and Ewoldt had a display of carnation blooms, which John T. Temple, one of the judges of the Chicago and St. Louis displays, pronounced as fine as any exhibited at those shows. The club will hold a chrysanthemum show in January. Mr. Boehm furnished a fine luncheon.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

S. J. Reuter & Son, Inc., Westerly, R. I.
Chas. Knopf Floral Co. Richmond, Ind.

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Shasta

During October Shasta gave us 2 blooms per plant. During the first 15 days of November we cut 2369 good blooms from the same bed of 1800 plants. The cut is getting better every day.

Growers who come to see it growing, marvel at its productiveness and fine quality of bloom. We would like to have you come and see it too. Once you see it, you will want to grow it.

Booking orders for it now at $12.00 per 100; $100.00 per 1000

PATTEN & CO., Tewksbury, Mass.
BAUR & SMITH, Indianapolis, Ind.

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DAHLIAS—GLADIOLUS

400 varieties of Dahlias, selections from the best the country affords.
Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.
CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

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CHRYSANTHEMUM NOVELTIES

Catalogue ready soon. Write for it.

CHAS. H. TOTTY, Madison, N. J.

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Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why You Should Grow SANGAMO

1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd—The blooms are well formed nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100.

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

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Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market. WINNER OF FIRST PRIZE IN CLASS OF 100 BLOOMS.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

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MARY TOLMAN

WINNER OF FIRST PRIZE AT MILWAUKEE.

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery. **$12.00 per 100; $100.00 per 1000.**

A. E. HUNT & CO., EVANSTON, ILL. **CHICAGO CARNATION CO.,** JOLIET, ILL. **HUNT BROS.,** PARK RIDGE, ILL.

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NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

Enchantress	per 1000,	$15.00
W. Enchantress	"	18.00
Kingston Pet	"	18.00
Beacon	"	18.00
White Lawson	"	12.00
Winsor	"	12.00

Send your orders for Dec., Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

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OUT-OF-DOOR BULBS

52 Wabash Ave., CHICAGO

Gardens at Benton Harbor, Mich.

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Call and See it Growing

Miami Queen

In dissemination of this new carnation, the introducer feels confident it excels all similar varieties in the following respects:

It has a strong constitution and will thrive with ordinary culture.

The color is a grand cerise pink and very double, shows up fine under artificial light.

The blooming qualities are of the best, commencing in early Fall and continuing throughout the season

During the dark days of Winter, this carnation, having a strong calyx, does not split to any extent, like other pinks.

The form is ideal, the flower being from 3 inches to 4 inches; the plant compact, with no surplus grass: the stem is long and graceful; keeping qualities are excellent; a good shipper; and we fell confident that this is one of the best commercial carnations sent out in years; we have given it five years' trial, and it is better this year than ever.

We are booking orders for January, 1910, delivery, at $10.00 per 100; $85.00 per 1000. Orders filled in strict rotation. For sale by

Miami Floral Co., Dayton, Ohio **E. G. Hill Co.** Richmond, Ind.

Our New Carnation for 1910

SCARLET GLOW (Shown as No. 51 [06] at the A. C. S. meeting at Indianapolis in January 1909.) A good bright scarlet in perfect health early and free flowering, and keeping qualities of the very best.

Orders booked now for January, 1910, delivery. Price, $12.00 per 100; $100.00 per 1000.

F. DORNER & SONS CO., La Fayette, Ind.

ORDER QUICK

CHRYSANTHEMUM CLUMPS—Fine Enguehard, White Jones, Poitry Rose, Pacific Supreme, Silver Wedding, Maud Dean, Major Bonnaffon, Golden Glow.

$4.00 per 100.

Cheap—Fine—A Bargain

JNO. A. KEPNER, Box 3, Harrisburg, Pa.

Ferns

125,000 sq. ft. of Glass

—Boston
—Piersoni

From the bench

This stock is some of the finest we have ever seen in the west. You can not be disappointed in it. We want you on our mailing list, so let us hear from you. :: ::

The Pikes Peak Floral Co.

Colorado Springs,
Colorado

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DETROIT.

The Market.

Thanksgiving business caught the Detroit retailers napping. We experienced a small Christmas rush, with no one prepared, consequently most of the stores were completely cleaned out. In former years the demand for violets was not near that of this year. The weather on Thanksgiving day and for several days previous was fine, it being much like the beautiful days in spring. Chrysanthemums are thinning out; the smaller varieties, which were so popular, are about done for. This market will afford mums until about Christmas, but only a few kinds will be available.

The stock and quality of roses is all that can be desired. The only thing lacking, when compared with some of the Chicago stock, is length of stems, not but that they are long enough for all ordinary purposes, but Killarney and Richmond, on stems as long as Beauties, we do not often see. Carnations are well equal to the demand now, with those of the Lawson shade almost too plentiful. Much green is being used for decorating and in bouquet work.

Various Notes.

Prof. L. R. Taft, of the Michigan Agricultural College, spent several days in Detroit recently in the interest of the U. S. government. He was inspecting azaleas, lilacs and other imported stock for signs of the brown tail moth, which has even the San Jose scale backed off the board, when it comes to doing damage.

Theo. Damerow has been doing well all fall, but now comes his harvest. He still has untouched about 15,000 Jerome Jones mums, which will bring good prices.

Michael Bloy should be termed the cyclamen and begonia specialist of the Detroit market. Not only does Mr. Bloy grow these plants by the thousand, but he grows as fine plants as were ever seen here. He has at present about 2,500 cyclamen and perhaps half as many Lorraine, all one mass of flowers.

The Simonds Heating & Specialty Co. reports an unusually busy season. Their vacuum system is meeting with great favor among the florists. H. S.

DIRECT IMPORTATIONS

At Foreign Growers' Prices for

Spring Delivery

FROM BELGIUM. Kentias, Bay Trees, Araucarias, etc.
FROM HOLLAND. Boxwood, Rhododendrons, Peonies, etc.
Full list of Japanese, Holland, English and French Nursery Stock.

Fall Delivery, 1910

VALLEY PIPS. Early or late forcing.
ENGLISH MANETTI. Selected for grafting.
JAPANESE LILIES. Multiflorum, Giganteum, etc.
AZALEA INDICA from Belgium.
Write for Catalogues, special lists, etc., mentioning the class of stock you are interested in.
RAFFIA, 5 grades, bale lots only.
We have our own Custom House Department.
Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

McHUTCHISON & CO.

17 MURRAY STREET, NEW YORK CITY

Mention The Review when you write.

Orchids! Orchids!

Arrived in first-class condition.

C. Mossiae

ORDONEZ BROS., 41 W. 28th St., New York
AND MADISON, N. J.

Mention The Review when you write.

DAHLIAS JACK ROSE and other best Cut Flower varieties.

WRITE FOR LIST AND PRICES

Peacock Dahlia Farms

Williamstown Jct., N. J.

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Choice Stock

Asparagus Plumosus

3-in., 85c per doz., $7.00 per 100.

Ferns

For dishes, assorted varieties, 2¼-in. pots. $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz.

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100.

Cash with order.

Frank Oechslin, 4911 Quincy St. **Chicago, Ill.**

Formerly Garfield Park Flower Co.

Mention The Review when you write.

IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY

The Orchid Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

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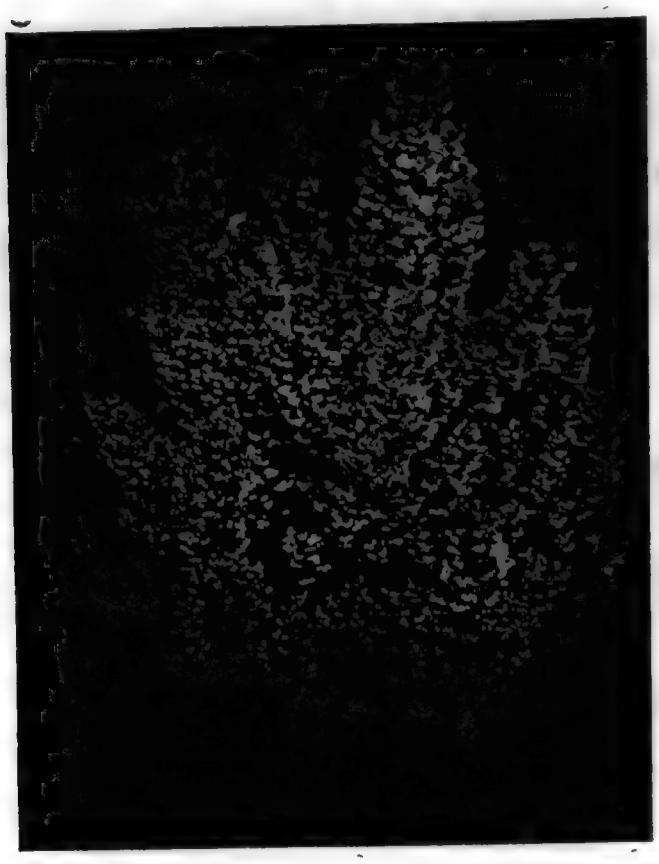
ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

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Get Ready For Christmas

We offer our immense stock of fruited, flowering and decorative plants at most reasonable prices. For more particulars write for our wholesale catalogue.

POINSETTIAS, 4 in a 6-in. pan, $12.00 per doz.; 5 in a 7-in. pan, $15.00 per doz.; 6 in an 8-in. pan, $18.00 per doz.; 7 and 8 in a 9-in. pan, $24.00 per doz.; 10 in a 10-in. pan, $3.00 each; 12 in a 12-in. pan, $4.00 each. Extra large, $5.00 each.

CROTONS, colored. For vase planting, 4-in., $4.00 per doz.

ERICA fragrans. Very fine, in bloom for Christmas. 5½-in., $9.00 per doz; 6 in, $12.00 per doz.; 7-in., $18.00 per doz.; 8-inch, $24.00 and $36.00 per doz. Specimens, $4.00, $5.00 and $6.00 each.
regerminans. 4½-inch pots in bloom now and also for Christmas, $4.00 and $5.00 per doz.

AZALEAS, Vervaeneana, Simon Mardner. 6-in., 50c. each, doz. $6.00 and $9.00; 6½-in. $1.00 each, doz. $12.00; 7-in., $1.50 and $2.00 each, doz. $18.00 and $24.00; 8 and 9 in. pots, $3.00 and $5.00 each. **Vervaeneana Pyramids,** $5.00 each.
Deutsche Perle. 7 and 8-in. pots, $1.50 to $3.00 each.
Mme. Petrick. 5, 5½ and 6-in pots, $6.00, $9.00 and $12.00 per doz.
Firefly. In bloom for Christmas, 4½ and 5-in. pots, $4.00, $5.00 and $6.00 per dozen; larger, $9.00 per doz.

BOUGAINVILLEA Sanderiana. 5½-in. pots, $6.00 per doz., well budded, can be forced for Christmas, show color.

CAMELLIAS, Shandieri, pink; **Campbell,** red. Loaded with flowering buds. Very fine for Christmas. 6½-in., $1.25 and $1.50 each; larger, $1.75 and $2.00 each.

EPACRIS alba. 3½ and 4-in. pots, $4.00 per doz. Selected plants, $5.00 per doz.

ENGLISH DAISY. In bloom. 5½ and 6-in. pots, $6.00 per doz.; 6½-in., $9.00 per doz.

ARDISIA crenulata. Red; well berried for Christmas. 5-in., $1.00 each; 5½-in., $1.25 and $1.50 each.

JERUSALEM CHERRIES. Red berried, 5½-in., $4.00 per doz.; 6-in., $6.00 and $9.00 per doz.

ORANGES, Citrus Sinensis. Very fine. 5, 6, 6½, 7, 8 and 9-in. pots, also in 7-in. Azalea pans, ripe, from 75c, $1.00, $1.50, $2.00, $3.00 and $4.00 each.

PANDANUS Veitchii. Variegated, 4½-in., 35c each, $4.00 per doz., $30.00 per 100; 5 in., 50c each, $6.00 per doz; better, 5-in., 75c each, $9.00 per doz.; 6 in., $1.00 and $1.25 each; 7-in., $1.50 and $2.00 each.

LIGUSTRUM aureum. Golden Privet, 2½-in., $1.00 per doz.; 7-in., $1.00 each.

ASPIDISTRA variegata. 5½-in., 75c each; 6-in., $1.00 each; 7-in., $1.50; 8-in., $2.00 each.

ARAUCARIA excelsa. 5-in., $6.00 per doz.; 5½ and 6 in., $9.00 per doz.; 6-in., larger, $12.00 per doz.; 6½-in., $15.00 per doz.; 7-in., $2.00 each; 8-in., $3.00 and $4.00 each.
glauca. 5-in., $1.00 each; 5½-in., $1.50 each.

BOXWOOD. For window boxes, 20c, 25c and 35c each.
Pyramids Fine shapes. From $8.00 to $10 a pair.
Standards. $2.00, $3.00 and $4.00 a pair.

CIBOTIUM Schiedei. 6-in., $2.50 each; 6½-in., $3.50 each.

FERNS, Boston, Piersoni, Whitmani, Scholzeli, Scottii, in all sizes.
Scholzeli, 6-in., $1.00; 6½-in., $1.50; 7 in., $2.00 each.
Scottii, 5-in., $4.00 per doz; 6-in., $6.00 per doz.; 6½-in., $9.00 per doz.; 7-in., $12.00 per doz.

FICUS elastica. Large-leaved, very fine plants, single, 6 and 6½-in., $6.00 and $7.00 per doz.
Branched, 6½-in., $9.00 per doz.; 7-in., $12.00 per doz.; 2 in an 8-in. pot, $18.00 per doz. Combinations, 9 and 10-in., 5 and 4 in a pot, $2.50 and $3.00 each.
pandurata, 5½ in., $1.00 each; 6½-in., $1.50 each; 7-in., $2.00 each.

PANDANUS utilis. Green, 7-in., $1.50 each; 8-in., $2.00 each.

DRACAENA Massangeana. 6, 6½ and 7-in. pots, $1.00, $1.25 and $1.50 each.
striata, new, 6-in. pots, $1.50 each.
gracilis, 3½ and 4-in., $3.00 and $4.00 per doz.; 6-in. pots, $1.00 each.
Lindeni, 6 and 6½-in. pots, $1.00, $1.25, $1.50 each.
Goldeana, fine, 5, 5½ and 6-in., $1.00, $1.25, $1.50 each.
fragrans, 5½-in., $6.00 per doz; 6 in., $9.00 and $12.00 per doz.; 7-in., $18.00 per doz.; 8 in., $24 per doz.
Veitchii superba. 7-in., $1.00, $1.25, $1.50 each, green—an improved Indivisa.
indivisa, 4, 4½, 5, 6, and 7-in. pots, $2.00, $3.00, $4.00, $5.00 and $6.00 per doz.

PHOENIX Canariensis. 7, 8, 9 and 10-in. pots, $4.00, $6.00, $10.00 and $12.00 a pair.
Roebelenii. 3½-in., $4.00 per doz; 4-in., $6.00 per doz.; 4½-in., $9.00 per doz.; 5½-in., $12.00 per doz.; 6-in., $18.00 per doz.

KENTIA Belmoreana and Forsteriana, single and combination; all sizes. See catalog.

RHAPIS humilis. 7, 8 and 9 in. pots, $1.50 to $5.00 each.

ALSOPHILA australis, similar to Cibotium, 5-in. pots, nice plants $6.00 per doz.

CYCAS revoluta. 6½, 7, 8 and 9-in. pots, from 50c to $3.00 each.

LILACS, Mary Legray, Charles X, Louis Spaeth, Mme. Lemoine, (see catalog).

10 or more sold at 100 rates. Cash with order, please. All goods must travel at purchaser's risk.

ANTON SCHULTHEIS, 316 19th St., College Point, L. I., N. Y.

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Hydrangea Otaksa

4-in. pot plants, dormant, fine for Easter and spring sales, $15.00 per 100.

CYCLAMEN

4-in. pot plants, red, pink and white, strong plants, while they last, $15.00 per 100.

ASPARAGUS PLUMOSUS NANUS

Strong, 3-in., $5.50 per 100, $50.00 per 1000; 2½-in., $3.00 per 100, $25.00 per 1000.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. PHILADELPHIA

PRIMULA
Chinensis Obconica

No better strains in existence. Famous Ronsdorfe and Lattmann Obconica hybrids, 2-in. stock ready now For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

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Primula Obconica

Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

Vick & Hill Co.
P. O. Box 613. ROCHESTER, N. Y.

Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5.00 per 100.
2-yr.-old Peonies, $10.00 per 100.

J. Murray Bassett, Hammonton, N. J.

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HEACOCK'S PALMS

	Each
Areca Lutescens	
6-in. pot, 3 in pot, 24 to 26-in. high	$0.75
6-in. pot, 3 in pot, 26 to 28-in. high	1.00
7-in. pot 3 in pot, 30 to 32-in. high	2.00
Cocos Weddelliana	100
2½-in. pot, 8 to 10-in. high	$10.00
2½-in. pot, 10 to 12 in. high	15.00

Kentia Belmoreana	Each	12
5-in. pot, 6 to 7 lv., 18-in..100, $50.00		$ 6.00
6-in. pot, 6 to 7 lv., 22 to 24-in.	$1.00	12.00
7-in. pot or tub, 6 to 7 lv., 34 to 36-in.	2.50	30.00
9-in. tub, 6 to 7 lv., 42 to 48-in., h'vy.	5.00	
9-in. tub, 6 to 7 lv., 48 to 54-in., h'vy.	6.00	

Made-up Kentia Forsteriana	Each
7-in. pot, 4 in pot, 34 to 36-in.	$2.50
7-in. pot, 4 in pot, 36 to 38-in.	3.00
9-in. tub, 4 in tub, 42 to 48-in.	5.00

JOSEPH HEACOCK CO., Wyncote, Pa.

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Decorative Plants

SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

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ROOTED CUTTINGS

Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000. A. Ricard, B. Poitevine, La Favorite, M. Castellane, F. Perkins, $1.50 per 100; $15.00 per 1000. Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000. Rose Geraniums, skeleton leaf, large leaf, $2.00 per 100. Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Dwarf Lantanas, 18 vars., $1.50 per 100; $13.00 per 1000.
Coleus, 25 vars., 70c per 100; $6.00 per 1000.
Heliotropes, 8 vars., 70c per 100; $6.50 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000.
Dreer's fancies and all the other good ones.
Russellas, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Salvia, 6 vars., 90c per 100; $8.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Lemon Verbena, 90c per 100; $8.00 per 1000.
Pyrethrum Mt. Blanc, $1.00 per 100; $10.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Pelargoniums (Martha Washington), 12 vars., $3.00 per 100; $25.00 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
Tradescantia Zebrina, 50c per 100.
Fuchsias, best market sorts, 90c per 100; $8.00 per 1000.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

Send for complete list

JOHN IRVINE & SONS, Bay City, Mich.

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DES MOINES, IA.

The Market.

Business was good last week, with quite a lot of funeral work. All the stores report a good Thanksgiving trade, about twenty-five per cent over last year. Many of the stores could have done more business had they anticipated the large demand, especially on chrysanthemums. Mums are almost a thing of the past, with the growers here, as Thanksgiving used up all the available supply. Carnations and roses are coming in more abundantly now.

Various Notes.

We have two new flower stores that opened last week; one, the Des Moines Floral Co., at Sixth and Locust streets, with a nice store next to the corner; the other, a flower stand opened up by Walter Grosvenor in the Grand department store, and ought to do a good cash business with such a good location.

The Iowa Seed Co. had a handsome window display last week, consisting of a large cornucopia of fruit, vegetables and flowers, which attracted a great deal of attention.

The Iowa corn show opens this week, in our new Coliseum building, just finished, and from all indications will be a great show. J. S. Wilson Floral Co. and the Iowa Seed Co. will make displays, as will also the M. J. Wragg Nursery Co. BOOSTER.

FORT WAYNE, IND.

The Market.

All the florists report a satisfactory Thanksgiving trade. Violets and mums were the leaders on the market.

Although these bright, warm days are bringing out the stock fast, there seems to be ready sale for most of it.

Various Notes.

Mr. and Mrs. Winterich, of Defiance, spent Sunday in the city.

Mr. Bieberich, of Huntington, was in the city last week, and said that the firm, Bieberich & Diffendorfer, had just opened their new store.

W. J. & M. S. Vesey decorated the new Masonic cathedral for the dedication, also the Lutheran and Hope hospitals for the graduation exercises.

GERANIUMS

Special Offer for Immediate Shipment

For $25.00, cash, we will send the following collection 1325 plants in Zonals, Ivy-leaved, Fancy and Scented. This makes a complete assortment, and every one the best in its class. Do not ask us to send part of this at this price.

50 each of the following 20 varieties of Zonal Geraniums. 1000 in all:

Alphonse Ricard
Anais Segalas
Beaute Poitevine
Col. Thomas
Cousin Janie
Fleuve Blanc
Jean Oberle
Jules Vasseur
Le Cid
Mme. Laporte Bisquit
M. A. Roseleur
Marq. de Castellane
Mme. Barney
Mme. Buchner
Mme. Jaulin
Mme. Landry
Mrs. Lawrence
Peter Henderson
Pres. Baillet
S. A. Nutt

20 each of the following Ivy-leaved Geraniums. 100 in all:

Ballade
Corden's Glory
Dina Scalarandis
L'Eleganta
Rycroft's Surprise

20 each of the following Variegated Geraniums. 100 in all:

Masterpiece
Mountain of Snow
Mrs. Pollock
Silver-leaved S. A. Nutt
Sophie Dumaresque

10 each of the following Scented Geraniums. 100 in all:

Apple
Balm
Capitatum
Clorinda
Dale Park Beauty
Nutmeg
Quercifolium
Radula Major
Rose
Schotteshampet

25 Pansy Geraniums

New Geranium Price List is Now Ready

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

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AZALEAS FOR CHRISTMAS

THREE SIZES. NICELY IN FLOWER.

Simon Mardner, Vervaeneana, D. Perle, $10 00, $12.00 and $15.00 per dozen. Some beautiful specimens at $2.50 and $3 00 each.
Cyclamen, in full bloom, 40c, 50c, 75c and $1 00 each. **Primroses,** 5-in., 25c. **Dracaena Terminalis,** finely colored, 35c and 50c.

Carefully packed. Good stock.

W. H. GULLETT & SONS, ::: Lincoln, Ill.

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Chrysanthemum Golden Eagle

Stock plants $1.00 per doz.; $5.00 per 100.

GOLDEN CHADWICK, 50c, doz.; $3.00, 100.

W. F. DUNTEMAN, Bensenville, Ill.

Mention The Review when you write.

Cyclamens, fine stock, 2½-in., $5.00; 3-in., $8 00 and $10.00; 4-in. $12.00, $18.00, $25.00; 5-in., $35 00 and $50.00 per 100.
Primroses in bud and bloom, 4-in., $10.00; 5-in. $15.00 per 100.
Begonia Gloire de Lorraine, $35.00 and $50.00 per 100.
Asparagus Plumosus, 2½-in. strong, $2.50 per 100.

CASH WITH ORDER

CHRIST. WINTERICH, Cylamen Specialist **DEFIANCE, OHIO**



Kentia Belmoreana—The above cut shows the plant in 9-in. pot, at $6.00 each.

Poinsettias

in pans

For Christmas

We have a nice lot of 6-in. pans with 3 plants in a pan at $9.00 per doz.

Order now and they will be set aside.

Kentias of Value

Kentia Belmoreana

Never before have we had such a fine lot of Kentias as quoted in the following sizes. A sample order will certainly satisfy you as to the value of this stock.

In. pots	In. high	Leaves	Each	Doz.	100
2½	8 to 10			$ 1.50	$10.00
3	12			2.00	15 00
4	14 to 16	4 to 5	$0.50	4 50	35.00
6	26 to 28	6 to 7	1.50	18.00	
7	28	7	1.75	21.00	
7	28 to 30	6 to 7	2.50	30.00	
8	34 to 36	6 to 7	4.00		
8	30 to 36		3.50		
9	36 to 42		6.00		

Kentia Forsteriana

In. pots	In. high	Leaves	Per doz.
2	6 to 7	3 to 4	$1.50
3	10 to 15	4 to 5	2.00
4	16 to 18	5 to 6	4.50

In. pots	In. high	Leaves	Each
5	24 to 28	5 to 6	$0.75
6	28 to 30	5 to 6	1 00
6	30	5 to 6	1.25
7	32 to 34	5 to 6	1 50
7	37 to 40	6 to 7	2 50
7	42 to 44	6 to 7	3.50
8	48 to 54	6 to 7	5.00
9	60 to 62	6 to 7	7.00

Made-up Plants

In. tubs	In. high	Plants in tubs	Each
7	36 to 44	4	$ 3.00
8	42 to 46	4	5 00
9	48 to 50	4	6.00
10	54 to 60	4	10.00

Areca Lutescens

Made-up Plants

In. pots	Leaves	In. high	Each	Per doz.
8	10 to 12	10 to 12		$ 2.00
4	12 to 15	16 to 18	$0.25	3.00
7	16 to 18	30 to 32	2.00	24.00
8	18 to 20	32 to 36	3.00	36.00

Latania Borbonica

In. pots	Leaves	In. high	Each	Doz.	100
3	3 to 4	10 to 12		$1 50	$10 00
4	4 to 5	12 to 15	$0.25	3.00	25.00
5	5 to 6	15	.40	4 50	35 00
6	6 to 7	18	.50	6.00	50.00
7	7 to 8	20 to 24	.75	9.00	

California Peppers

4-in. pots	per doz., $1.50
5-in. pots	" 2.00
6-in. pots	" 3.00

Jerusalem Cherries

4-in. pots	per doz., $1.50
5-in. pots	" 2.00
6-in. pots	" 3.00

Aucuba Viridis

Berries will redden up for Christmas. 8-in. and 9-in. pots, 2 ft. high, $1.50 each; $15.00 per doz.

Ficus Elastica

In. pots	In. high	Each	Per doz.
5	12 to 15	$0 35	$4.00
6	16 to 20	.50	6.00

Boston Fern Baskets

10-in. baskets, nicely furnished.....$1.00 each

Geo. Wittbold Co.

New Number **727-729 Buckingham Place,** Established 1857 **CHICAGO**

Mention The Review when you write.

FERNS

In Fine Condition

Nephrolepis Whitmani, 5-in., 25c; 6-in., 50c; 7-in 75c.
Nephrolepis Bostoniensis, 4-in., 15c; 5-in., 25c; 6-in 50c 7 in 75c.
Nephrolepis Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c
Nephrolepis Scottii, 4-in., 20c; 5-in., 30c; 6-in., 50c
Small Ferns for Dishes, 2½-in., $3.00 per 100.
Rubbers, short stocky plants, 4-in., 25c; 5-in., 35c; 6-in. 50c.
Strong Latanias, 4-in., 15c; 5-in., 25c; 6-in., 50c.
Kentia Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1 00 to $1.50. Larger plants, $2.00 to $35 00 each.
Kentia Forsteriana, made-up, $1.50, $3 00, $5.00, $7.00, $8.00, $9.00, $10.00, $12.00, $15.00, $18 00 each.
Begonia Gloire de Lorraine, just right for Xmas, 4-in., 30c; 5-in., 50c; 6-in., 75c.

JOHN BADER

43 Ravine St., N. S., PITTSBURG, PA.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.

WEST GROVE, PA.

Mention The Review when you write.

YOU Will find all the best offers all the time in the Review's Classified Advs.

SPLENDID VALUES

PALMS. KENTIA FORSTERIANA—A grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened, clean plants, the best we ever saw. Extra good value. We have plenty of them.

36 to 40 in. high.....$3 50 each
4 to 44 in high.....4.50 each
44 to 48 in. high.....6.00 each

KENTIA BELMOREANA, 4-in. pot plants, ready for sales or growing on. Well shaped, bushy little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz.; $30.00 per 100.

GENISTA—Nicely trimmed plants, in good shape for Easter flowering, 5-in. pot plants, $3.50 per doz.; $25.00 per 100.

Boston Ferns.....5-in. pot plants, $35.00 per 100; 6-in. pot plants $50.00 per 100.
Elegantissima.....5-in. pot plants, $35.00 per 100; 6.in. pot plants, $50 00 per 100.

THE STORRS & HARRISON CO. PAINESVILLE, O.

Mention The Review when you write.

FERNS

				Per 100
Boston,	strong,	6-in.,	stock,	$40.00 to $ 50.00
Scottii,	"	"	"	40 00 to 50.00
Piersoni,	"	"	"	40.00 to 50.00
Whitmani,	"	"	"	40.00 to 50.00
Todeaoides,	"	"	"	40 00 to 50.00
Superbissima,	strong,	6-in.,	stock,	100.00
"	"	4-in.,	stock,	40.00

Strong, 4-in. stock of above varieties, 20 00

20 000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

Mention The Review when you write.

FERNS

Whitmani, 5-in., at 35c; 6-in., 65c. Fine for retail purposes.
Ferns for Dishes, Pt. Wilsoni Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tsussimense, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.
Asparagus Plumosus Nanus, from the bench, ready for 5-in. or to grow on for strings. $15.00 per 100; 3-in., $6.00 per 100; 4-in $10.00 per 100; 6-in., $40.00 per 100.
Calla Plants, fine, ready for bench or 6 and 8-in. pots, will bloom in a short time, 4-in., $10.00 and $12.00 per 100; 5-in., $15.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Always mention the Florists' Review when writing advertisers.

Select Ferns For Fine Store Trade

We offer a grand lot of exceptionally well-grown plants of the different varieties of **NEPHROLEPIS,** which will be found one of the best selling and most profitable plants that florists can handle.

Our stock is in unusually fine shape, and we will guarantee it will please the most exacting, as it is exceptionally good value at the prices quoted.

IMPROVED ELEGANTISSIMA. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greately improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6.00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

SUPERBISSIMA. Introduced by us in 1908. A very unique and distinct novelty. Its distinguishing characteristics are its dark green foliage and dense growth. Fronds are very heavily imbricated, making them very dense and compact. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6.00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

BOSTONIENSIS, PIERSONI, WHITMANI, SCOTTII. Extra fine plants, 6-inch pots, $6.00 per dozen; 8-inch pans, $12.00 per dozen.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

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CINCINNATI.

The Market.

Thanksgiving trade was quite satisfactory and stock of all kinds averaged better than in former years. Chrysanthemums, carnations and roses were in heavy demand, with a good supply. All of the retail stores report an increase over last year, and they ascribe it to the fine weather.

Shipping business has been good and local trade is picking up all along the line. Several large weddings and receptions, with quite a lot of funeral work, kept the retailers busy, but as flowers of all kinds have been plentiful they had no trouble in securing desirable stock.

Thanksgiving finished up the chrysanthemum season. Callas and Harrisii lilies are coming in regularly now and find a ready sale. Violets are in good demand. Of lily of the valley there is hardly enough to go around.

Various Notes.

Standholders at the Sixth street flower market report a good business.

The Walnut Hill Floral Bazaar had a highly creditable show window decoration last week. About 500 choice blooms of chrysanthemums were staged, with a front row of Gloire de Lorraine. On both sides of the big window were handsome baskets of orchids and roses, with ribbon used to good advantage.

William Murphy's commission house is handling a new red seedling carnation from C. C. Murphy's place. The flower is large and bold. The color is not quite so bright as Beacon, but judging from the cut that is coming in, it must surely be a bread-winner. The store men call for it, claiming it to be the best keeper among the reds.

William Dilger, superintendent of parks, Detroit, Mich., was a caller last week.

A. H. Horning has returned home after spending a week with the old folks at Toledo, O., where he attended his sister's wedding.

Albert McCullough spent a month down in Florida and came back with a large sack of wild ducks. H. Schwarz.

Chrysanthemum Stock Plants

COMMERCIAL VARIETIES

EARLIES	EARLIES	LATES
Pacific Supreme	Monrovia	Balfour
Rosiere	Madagascar	Golden Eagle
October Frost	Virginia Poehlmann	Lynnwood Hall
C. Touset	Alice Byron	Golden and White Chadwick
		Bonnaffon

Stock plants, 65c per doz.; $5.00 per 100.

The Best Commercial Pompons

Lulu, white; Baby, yellow, stock plants, $1.00 per doz.

FRED H. LEMON & CO., Richmond, Ind.

Mention The Review when you write.

Roland's Xmas Plants

	Per Doz.
Oranges	$24 00 to $48 00
Ardesias	12.00 to 36 00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	8.00
Cyclamen	5 00 to 36 00
Azaleas	6.00 to 36 00
Poinsettias	3.00 to 15 00
Ericas	18 00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston

Thomas Roland

NAHANT, MASS.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son

ACTO, N. J.

Mention The Review when you write.

NOTICE

If in need of Ferns, Araucarias, Primroses, Cyclamen, Small Palms, Hydrangeas, Moonvines, Vincas, Wire Baskets, or Soft Stock of any kind, look up our adv. on page 68, in November 25th issue of The Review.

D. U. Augspurger & Sons Co.

Box 778, PEORIA, ILL.

Mention The Review when you write.

GERANIUM ROOTED CUTTINGS

S. A. Nutt and Buchner.....$10.00 per 1000
Poitevine and Ricard..... 12.50 per 1000

Large, strong cuttings, rooted right.

Personal attention given to all orders; my endeavor to give satisfaction if possible.

Cash with order.

C. F. TREICHLER :: SANBORN, N. Y.

Mention The Review when you write.

Prepare for the Holidays



A View of one of Godfrey Aschmann's Gloire de Lorraine Houses, taken Nov. 18, 1909.

Have Lorraines to Beat the Band. Enough for All

Begonia Gloire de Lorraine. Have a whole house full of them in 6 in. sizes, in first-class condition, ready to bloom now and for the holidays. Our experiments in the past in raising and cultivating this early Christmas plant put us in the foreground and now we will be able to deliver them in a much improved condition, with flowers much brighter in color and hardier, standing shipping well. Everybody seeing them, even enemies, must admire them. They are cracker-jacks; 7-in. pots, $1.25 to $1.50; 6-in. pots, 50c, 75c to $1.00. The 75c and $1.00 sizes are almost as big as 8-in.; 3-in. pots, 12c to 15c.

Made-up Plants, 8-in. pans, with 3 3-in. **Begonia Gloire de Lorraine** in center, edged with Asparagus plumosus and Sprengeri, or assorted dish ferns, very attractive. Sell on sight, 60c per pan.

Begonia Flambeau, 4-in., 15c; 5¼-in., 20c.

Begonias. New improved Erfordii and Gracilis, 5¼-in., $2.50 per doz.

TESTIMONY FROM MICHELL.

I personally visited Mr. Aschmann's greenhouses September 21, 1909, and found that the **Araucarias, Begonia Gloire de Lorraine, Boston, Whitmani, Scottii, Amerpohlii, Todeaoides ferns, Rubber Plants, Kentias** and **Arecas** are indeed A No. 1. Have never seen any better plants. The Gloire de Lorraine begonias in 6-in. pots are a perfect wonder, bushy and clean. Have never seen his greenhouses filled with plants as good as they are now.

F. J. MICHELL, of the firm of Henry F. Michell Co., 1018 Market St., Philadelphia, Pa.

Four Houses Filled with the Best. With What? Sure, with ARAUCARIAS, Our Specialty

Araucarias our specialty. More in favor than ever before.

We are one of the largest importers of these well-known and beautiful evergreen decorative plants, the **Araucaria Robusta Compacta, Excelsa Glauca and Excelsa.**

Araucaria Robusta Compacta, real beauties, hard to beat, 4-yr.-old, 6-in. pots, 15 to 25 in. high, $1.25, $1.50 to $1.75 each.

Araucaria Excelsa Glauca, the most attractive of the Araucaria family. This is the blue-green variety, combining grace and beauty, and is much admired; 4-yr.-old, 6-in. pots, 4, 5 and 6 tiers, 18, 20 to 25 in. high, $1.00, $1.25, $1.50 to $2.00 each.

Araucaria Excelsa, 1909 importation, in sizes as herewith stated: 5½ to 6 in. pots, 3-yr.-old, 4, 5, 6 and 7 tiers, 18, 20, 22, 24, 26 to 30 in. high, 60c, 75c, $1.00, $1.25 to $1.50 each.

Areca Lutescens, 5-in., made up of 3 plants, 35c.

Kentia Belmoreana, 4-in., 15 to 20 in. high, 25c; 6 to 7-in., stocky, 30 to 35 in. high, 6 to 7 good leaves, very bushy, $1.25, $1.50 to $2.00

Kentia Belmoreana, 3-in., suitable for fern dishes 10c.

Kentia Forsteriana, 8-in. pots, made up, 1 large, 4 ft. high in center, with 3 small around, price $3.00 to $4.00; single plants, 6 to 7-in. pots, 25, 30, 35, 40 to 48 in. high, $1.00, $1.25 to $1.50, $2.00 to $2.50 each; 4-in., 20 in. high, 25c.

Cocos Weddelliana, 3½-in., 18 to 20 in. high, 20c to 25c; 3-in., 15 in. high, 18c.

Latania Borbonica, 4-in., 20c.

Ficus Elastica, rubbers, 5¼ in., 25c.

Christmas Azalea Indica

in bloom for Christmas, in fine condition, already forced for Christmas Trade. All now showing color, with open flowers and are placed in cold houses ready for shipment.

Remember for Christmas forcing we have to select the finest, strongest and healthiest plants. Weak, delinquent plants will not force successfully for Christmas. We have the following varieties for Xmas: Mme. Petrick, the best, new, earliest, double-pink variety in existence—never fails to bloom—very scarce and hard to get in Europe; Deutsche Perle (double white) and Vervaeneana (double rose variegated), a well known standard variety; John Llewelyn, 75c, $1.00, $1.25, $1.50 to $2.00 each.

In Easter varieties, in larger sizes, we have Bernard Andre alba (white), Niobe (white), Helene Thelemann (rose), Empress of India, Apollo (red), De Schryveriana (double variegated), Dr. Moore (pink), Mme. Van der Cruyssen, Louise Van Houtte (double large red), Simon Mardner, Vervaeneana, $1.25, $1.50 $2.00, to $2.50 each. In smaller sizes we have Simon Mardner, Van der Cruyssen, Niobe, Empress of India, Deutsche Perle, Vervaeneana, De Schryveriana, 50c, 75c, $1.00 to $1.25.

Ferns. Nephrolepis Todeaoides and Boston, 5, 5½ and 6-in. pots, 35c, 40c, 50c Whitmani, 7-in., as big as a wash-tub, 75c to $1.00. Boston, Scottii and Todeaoides, 7-in., 75c, $1.00, $1.25 to $1.50 each; as big as a washtub.

Ferns, Scottii, 6-in., 50c to 60c; 7-in., 75c; 7-in., as big as a bushel basket, $1.00.

Ferns, Wilsoni, bushy, 3 ferns in a 6-in. pan, 25c and 35c per pan.

Ferns, Wimsetti and Victoriae (silver leaf fern), 3 plants in a 6-in. pan, very attractive, 30c per pan.

Primula Kewensis, new yellow novelty, rapid grower, flower will last for months, 4-in., 15c; 5-in., 20c.

Primula Chinensis, John F. Rupp's best strain, assorted, 5¼-in., in bloom, $2.50 to $3.00 per doz.

Adiantum Cuneatum (maidenhair fern), 4-in., 10c.

Asparagus Plumosus Nanus, 2½-in. pots, $3.00 per 100; 4-in. pots, $10.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $3.00 per 100; 4-in., $8.00 per 100.

Dish Ferns. Best assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

LOOK! A 7-inch Whitmani as big as a bushel basket, 75c to $1.00.

We have a full house each of the finest **Amerpohlii and Whitmani** in the market. Amerpohlii, 5½ and 6-in., 40c and 50c. Whitmani, 5½, 6 and 7-in., 25c, 40c, 50c, 75c, $1.00.

Cineraria Hybrida, Aschmann's well-known strain, 4-in., 10c.

Cyclamen Giganteum, 4-in, in bud, 25c.

Jerusalem Cherries, 6-in., full of berries, 25c, 30c to 50c.

Hydrangea Otaksa, pot grown, 6-in., 25c to 35c.

NOTICE—All our Ferns are pot, not bench-grown. All goods must travel at purchaser's risk. Cash with order, please. Please state if you want stock shipped in or out of pots.

Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

SMITH'S CHRYSANTHEMUM MANUAL
By ELMER D. SMITH
The most practical work of its kind. 40c. prepaid.
ELMER D. SMITH & CO., Adrian, Mich.

Verbenas :: Verbenas :: Verbenas
The Season is now Open

OUR SELECTION		
Rooted cuttings	$0.75 per 100;	$ 6.00 per 1000
Strong plants in 2½-in. pots	2.50 "	20 00 "

PURCHASER'S SELECTION		
Mrs. Wm. Taft, Miss Wilmott, rooted cuttings	$1 00 per 100;	$ 9.00 per 1000
Rooted cuttings	.90 "	8.00 "
Strong plants in 2½-in. pots	3.00 "	25 00 "
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00 "	30.00 "

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

J. L. DILLON, :: Bloomsburg, Pa.

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ADIANTUMS.

Adiantum cuneatum, 3000 plants in 6-in. pots, $15.00 per 100; $125.00 per 1000.
Estate of David Fisher, Montvale, Mass.

Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
Baur Floral Co., Erie, Pa.

AGAPANTHUS.

Agapanthus, sturdy field plants, 25c each. $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

AIR-PLANTS.

Japanese air-plants, in baskets, $1.50, $2.00 and $2.50 per doz.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

ALTERNANTHERAS.

Alternantheras, small leaved, yellow, 2½-in., $1.50 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Alyssum, double giant, for winter flowering, $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

ARAUCARIAS.

Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100. F. Ludemann, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in., 3 to 4 tiers, 75c each; 7-in., 3 to 4 tiers, $1.25 each. Cash.
Frank Sokol, College St., Worcester, Mass.

Araucarias, 75c and $1.00 each.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $2.50 per 100; 3-in., $7.00 per 100; 4-in., $12.50 per 100. Sprengeri, 3-in., $6.00 per 100; 4-in., $10.00 per 100. Grown cool and ready for a shift. No humbug. A 1 stock.
Wachendorff Bros., Atlanta, Ga.

Asparagus Sprengeri, strong bushy plants, out of 3-in. pots, $5.00 per 100; $40.00 per 1000. C. A. Rieman, 1224 Grand Ave., Connersville, Ind.

Asparagus plumosus, 1000 5 and 6-in., just the right size plants to use for a new bed to grow for strings, $15.00 per 100, $125.00 per 1000.
Erie Floral Co., Erie, Pa.

Asparagus plumosus, fine, young stock, ready Jan. 1 to Aug. 1, $2.50 per 100. 40,000 of them. Samples on request.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, strong plants, 2 and 3-in., $2.00 and $4.00 per 100. Sprengeri, 3-in., $4.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Asparagus Sprengeri, in 2½-in., at 2c; all first class stock. Will exchange for Boston or Amerpohlii ferns.
A. E. Boyce, Bartlesville, Okla.

7000 Asparagus plumosus, out of 3-in. pots, $5.00 per 100. This is extra fine stuff. Cash with order. L. C. Hecock Floral Co., Elyria, O.

Asparagus plumosus nanus, transplanted seedlings, 2 and 2½-in. pots, $15.00 per 1000 f. o. b. Loomis. Loomis Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 2½-in., 2½c; 2½-in. rose pots, 3c; 6-in., 15c. Excellent, thrifty stock. M. M. Lathrop, Cortland, N. Y.

Exceptionally strong Asparagus plumosus, 2¼-in. pots, $2.50; 3-in., $5.00; 4-in., $10.00 per 100. Williams Floral Co., Bedford, Ind.

Asparagus plumosus nanus, 2-in., $2.00 per 100; 4-in., extra fine, large plants, $8.00 per 100. Scharff Bros., Van Wert, Ohio.

Asparagus plumosus and Sprengeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus plumosus, very strong, 2½-in., $3.00 100, $25.00 1000; 3-in., $5.00; 4-in., $8.00.
Chas. A. Moss, Spartanburg, S. C.

Asparagus plumosus and Sprengeri, 3-in., ready for shift, $5.00 per 100. Worth more.
Kaupp & Son, Nevada, Mo.

Asparagus plumosus nanus, unusually stocky, 2½-in., $2.50; 2¼-in., $2.00 per 100.
J. H. Myers, Altoona, Pa.

Asparagus Sprengeri, 2¼-in., 2½c; 3-in., 5c; 4-in., 10c. Plumosus, 2¼-in., 3c.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 2½-in., $2.00 per 100; Sprengeri, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Asparagus plumosus nanus, 2¼-in. pots, $2.50 per 100; $20.00 per 1000.
Iowa Seed Co., Des Moines, Iowa.

Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. Cash with all orders.
Aurora Greenhouse Co., Aurora, Ill.

Asparagus plumosus, strong plants, 3-in., $6.00; 3½-in., $8.00.
Kemble Floral Co., Oskaloosa, Iowa.

Asparagus plumosus, 2½-in., strong, $2.50 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Asparagus Sprengeri, 2½-in. pots, strong plants, $2.50 per 100.
Virginia Nursery Co., Purcellville, Va.

Asparagus Sprengeri, strong, 2-in., $1.75 per 100; $15.00 per 1000.
Reeser & Youngstrand, Springfield, O.

Asparagus plumosus nanus, fine, large plants, 2½-in., $2.50 per 100.
The Lester Greenhouses, Ottawa, Kansas.

Asparagus plumosus, 3-in., 85c per doz., $7.00 per 100. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT. BRIGHTON, MASS.

A. plumosus, 3-in., strong, $6.00 100; Sprengeri, 3-in., $4.00. Cash. E. Glauser, Toledo, Ohio.

Asparagus plumosus nanus, 2-in., $1.50 100. Fine. U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri, 2-in., 2c; 3-in., very strong, 5c. Cottage Greenhouses, Litchfield, Ill.

Asparagus plumosus, 3-in., strong, $4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, strong 4-in., $10.00 per 100. Cash. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri, 2-inch, $1.75 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

ASPIDISTRAS.

Aspidistras, green, 7-in. pots, $1.00 each. Cash. Frank Sokol, College St., Worcester, Mass.

AZALEAS.

AZALEAS IN BLOOM FOR XMAS.
We have azaleas in large bud, some in flower, and others just ready to open, red, white and pink, 75c and $1.00 each.
Whitton & Sons, City and Green Sts., Utica, N. Y.

Azaleas, 75c, $1.00, $1.25 and $1.50.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

BEGONIAS.

Begonia Rex my specialty. Strong, from flats, ready for 4-in. pots, $3.00 per 100; $25.00 per 1000. Louise Closson, Bertha MacGregor and Clementinae, strong, 2½-in. pots, $6.00 per 100. Write for other sizes out of pots.
Chas. A. Moss, Spartanburg, S. C.

Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, full of buds and flowers, 2½-in., 12c and 15c; 3-in., 20c and 25c; 4-in., 40c; 5-in., 50c; 6-in., 75c.
J. Sylvester, Florist, Oconto, Wis.

Begonias. 1000 Marjorie Daw, 600 Sandersoni, fine, strong stock from 4-in. pots, $8.00 per 100. Cash with order.
Pahud Floral Co., Indianapolis, Ind.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Rex begonias. A fine asortment of 12 named varieties from 2½-in. pots, strong plants, $4.00 per 100. Virginia Nursery Co., Purcellville, Va.

Choice flowering begonias in five leading varieties, good, stocky 3-in., 5c; 4-in., 10c.
J. H. Milnor & Son, Ada, Ohio.

Rex begonias, 2-in., $3.00 100, $30.00 1000; rubra, large plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Begonia Gloire de Lorraine, 3-in., $20.00; 4-in., $35.00; 5-in., $60.00.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

Begonia Lorraine, $35.00 and $50.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Begonias, flowering kinds, $1.50 per 100; prepaid. S. D. Brant, Clay Center, Kan.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Christmas peppers, 500 extra nice, berried plants, 4-in., 8c and 10c; 5-in., 12½c and 15c each. Well packed. Cash with order, please.
Dobbs & Son, Auburn, N. Y.

Jerusalem cherries, 4-in., well berried, $8.00 per 100; 4-in., loaded with red berries, perfect beauties, $15.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Christmas peppers, in 4-in. pots, full of fruit, ripe and green, good plants, $4.00 per 100.
Charles Black, Hightstown, N. J.

Christmas peppers, 4-in., ready for 5-in., well branched, stocky, $5.00 per 100.
H. O. Hannah & Son, Sherman, Tex.

Celestial peppers, well berried, 5-in., $3.00 per dozen. Cash with all orders.
Aurora Greenhouse Co., Aurora, Ill.

Celestial peppers, 3-in., $7.50; 4-in., $12.50; 5-in., $25.00.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

BULBS.

Just received for Easter forcing, Lilium mult., 7-9, 300 case, $45.00 per 1000.
SURPLUS.
Tulips, single, extra fine, mixed, $5.50 per 1000; double, extra fine, mixed, $6.00 per 1000. Paper White grand., fancy, 14 cm., $10.00 per 1000; 13 cm., $8.00 per 1000.
Currie Bros. Co., Milwaukee, Wis.

Bulbs. Special wholesale price list of native lilums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

CALLAS.

Calla lilies, fine started plants, 6-in., $2.00 per doz.; $15.00 per 100.
J. C. Schmidt, Bristol, Pa.

CANNAS.

Cannas, divided roots. King Humbert, $4.00 per 100. Venus, $2.00 per 100. Improved Mt. Blanc and Wm. Saunders, 10c each. Minnehaha, new, 50c. each. A. B. Campbell, Cochranville, Pa.

CARNATIONS.

Wanted unrooted or rooted White Enchantress and White Perfection for President Taft, new red, and Improved Queen, white, very prolific and long stemmed; or will buy it cheap.
Brant & Noe Floral Co.,
W. Peterson and N. 48th Aves., Chicago, Ill.

15,000 good, healthy carnation plants. White Perfection, $5.00 per 100; $40.00 per 1000. Craig, $4.00 per 100; $40.00 per 1000. Harlowarden and Queen, $4.00 per 100; $35.00 per 1000.
The Parker Greenhouses, Norwalk, O.

Field-grown carnation plants. To close them out. Enchantress, Winsor, Lawson-Enchantress and Aristocrat, $4.00 per 100; $35.00 per 1000. Cash or C. O. D.
A. M. Schafer, 2129 Balmoral Ave., Chicago.

Carnation rooted cuttings for early delivery. Selected stock of White Enchantress, Winona, Afterglow, Winsor, Red Nelson Fisher, O. P. Bassett and Beacon.
A. C. Canfield, Springfield, Ill.

Carnations, strong, field-grown, first size. Queen Louise, Boston Market, Prosperity and Joost, $4.00 per 100. Cash with order.
W. H. Gordon,
307 North Rowland St., Richmond, Va.

Carnations. You can save money on the cuttings you buy if I am given the order. Send a list of what you want for pricing.
Albert M. Herr, Lancaster, Pa.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, delivery after Jan. 1.
Wanoka Greenhouses, Barneveld, N. Y.

CHRISTMAS STOCK.

XMAS TREES AND WREATHS.
Wreaths, holly, arbor-vitae, bouquet green, $10.00 per 100; $1.50 per doz. Norway pine trees, 5 to 6 feet, $2.25 per doz.; 6 to 8 feet, $3.00 per doz; 10 feet, $1.00 each. Norway spruce, 25c to $5.00 each. Special price on large orders. Cash with order, please.
H. H. Kern, Bonner Springs, Kan.

CHRISTMAS PLANTS.
Fine azaleas, in bloom, $1.00, $1.25 and $1.50 each; specimen plants, $2.50 and $3.00. Cyclamen, 40c, 50c, 75c and $1.00 each. Dracaena terminalis, highly colored, 50c each. Primroses, fine, 5-in., 25c. Poinsettias, in pans, 75c and $1.00. Gullett & Sons, Lincoln, Ill.

Primulas in bloom. Giant obconica, strong 5-in., $2.00; Chinese, 5-in., $1.50 per doz. Jer. cherries, loaded with berries, strong 5-in., $2.00 per doz. Ferns, Boston, Scottii, 5, 6, 7-in., guaranteed equal to best 6, 7, 8-in., at 30c, 40c, 65c. Cash.
Wm. S. Herzog, Morris Plains, N. J.

CHRYSANTHEMUMS.

WARRICK BROS'. MUM STOCK PLANTS.
The following at 60c per dozen.

WHITE	PINK
Beatrice May	Mrs. M. F. Plant
Miss A. Roosevelt	John Burton
Mrs. Swinburne	YELLOW
Mlle. M. Desjouis	Monrovia
W. H. Chadwick	Director Gerard
Virginia Poehlmann	Jeannie Falconer
Mlle. J. Nonin	Mrs. G. Beech
Timothy Eaton	Appleton
PINK	Golden Chadwick
Pacific Supreme	Nagoya
Mary Mann	Yellow Eaton
Helen Frick	Mary Donnellan

Golden Eagle, $1.00 doz.
Only a few of the above new variety.
WARRICK BROS.,
498 Locust Ave., Washington, Pa.

CHRYSANTHEMUM STOCK PLANTS.

Monrovia	75c doz.;		
Oct. Frost	75c doz.;		
Rosiere	75c doz.;		
V. Poehlmann	75c doz.;	$4.50	100
A. J. Balfour	75c doz.;	4.50	100
T. Eaton	75c doz.;	4.00	100
Y. Eaton	75c doz.;	4.00	100
Dr. Enguehard	75c doz.;	4.00	100
Golden Age	75c doz.;	4.00	100
Maj. Bonnaffon	75c doz.;	4.00	100
Col. Appleton	75c doz.;	4.00	100

La Crosse Floral Co.,
P. O. Box 557, La Crosse, Wis.

CHRYSANTHEMUM STOCK PLANTS.
5c each; $4.00 per 100.

Golden Glow	Col. Appleton
Glory Pacific	A. J. Balfour
Pacific Supreme	Mrs. Clay Frick
Alice Roosevelt	Mrs. Buckbee
Pennsylvania	Maj. Bonnaffon
White Bonnaffon	Alice Byron
Oct. Frost	Robt. Halliday
Golden Wedding	Polly Rose
Monrovia	Ivory

And many others. Send for complete list.
G. Van Bochove & Bro., Kalamazoo, Mich.

CHRYSANTHEMUM STOCK PLANTS.
75c per doz.; $4.50 per 100.

Monrovia	Touset
Maud Dean	Robert Halliday
Alice Byron	White Bonnaffon
Robinson	Maj. Bonnaffon
Ivory	Shaw
Col. Appleton	Golden Wedding
W. H. Chadwick	J. Nonin
Golden Chadwick	J. Jones
Adelia	Dr. Enguehard

The Munk Floral Co., Columbus, Ohio.

Chrysanthemums. Virginia Poehlmann, Pres. Roosevelt, Mlle. Desjouis, Pacific Supreme, G. Glow and Lynnwood Hall, strong, well rooted cuttings from carefully selected plants, $15.00 per 1000. Golden Chadwick, $20.00 per 1000. Stock plants of Pres. Roosevelt, Nonin, Jones, Y. Jones and Enguehard, $4.00 per 100; rooted cuttings, $12.00 per 1000. Sent C. O. D. with privilege of examination.
Frank Shearer & Son, Binghamton, N. Y.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

CHRYSANTHEMUM STOCK PLANTS.
Mrs. Kalb, Timothy Eaton, Estelle, White Bonnaffon, Alice Byron, Lynnwood Hall, Angele Laurent, Desjouis, Glory of Pacific, Mary Mann, Maud Dean, Pink Ivory, Rosette, Amorita, Major Bonnaffon, Cremo, Halliday, Yellow Jones, Golden Glow, Baby, 75 cents per doz.; $5.00 per 100. Golden Eagle and Baby Margaret, $2.00 per doz.; $12.00 per 100. William Swayne, P. O. Box 215, Kennett Square, Pa.

Chrysanthemum stock plants. Golden Glow, Pacific Supreme, Poehlmann, White Cloud, etc., 6c; $5.00 per 100. Kalb, Oct. Frost, Polly Rose. E. Snow, Touset, Ivory, Pacific, Rosiere, Monrovia, Geo. Pitcher, Halliday, P. Ivory, Shaw, Duckham, etc., 5c; $4.00 per 100. Gloria (new light pink), 12c; $10.00 per 100.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemum stock plants. Polly Rose, Glory Pacific, Pink and White Ivory, Monrovia, Oct. Frost, Oct. Sunshine, Amorita, White and Yellow Eaton, White and Yellow Bonnaffon, Maud Dean, Dr. Enguehard, Rosiere and Kalb, $3.50 per 100. Golden Glow, Buckbee and Pacific Supreme, 5c.
Crabb & Hunter Floral Co., Grand Rapids, Mich.

Chrysanthemum stock plants. Polly Rose, Pacific, Halliday, Bonnaffon, Adelia, Byron, Morel, Yellow and White Jones, Enguehard, Queen, Touset, Philadelphia, Dean, White and Pink Ivory, White and Yellow Eaton, Silver Wedding, Chadwick, Mayor Weaver, Lav. Queen, 60c per doz.; $4.00 per 100.
John Walker, Florist, Youngstown, Ohio.

Fine stock plants of mums at $4.00 per 100. Yellow—Appleton, Halliday, Zimmer's Yellow. White—Polly Rose, Nonin. Pink—Dr. Enguehard, Beasley. Will exchange for primulas, poinsettias, hardy ferns, or what have you to offer?
Edwards Floral Hall Co.,
1700 Pacific Ave., Atlantic City, N. J.

A good cutting taken now, grown on, will give more and better cuttings at propagating time than you can get from any but the finest stock plants. We have in sand a fine batch of cuttings of V. Poehlmann, Touset, Chadwick, Eaton, Appleton, Monrovia, Bonnaffon, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

Chrysanthemum stock plants. White, Pink and Yellow Ivory, White and Yellow Jones, White and Yellow Chadwick, White and Yellow Eaton, Robert Halliday, Bonnaffon, Mrs. Weeks, J. Nonin, Queen, Western King, 50c per doz.; $3.50 per 100.
Aberdeen Greenhouses, Aberdeen, Wash.

Chrysanthemums. White—Jeanne Nonin, W. Bonnaffon, Timothy Eaton and Yanoma. Yellow—Yellow Jones and Sunburst. Pink—Shaw, Dr. Enguehard and John Burton. Red—Intensity. 60c per doz.; $4.00 per 100. Cash.
E. A. Kuhnke,
Holland St., near Woodville St., Toledo, O.

Chrysanthemums, large stock plants, 4c each. Cash. WHITE—J. Nonin, Moneymaker, White M. Dean. PINK—Pacific, Maud Dean. YELLOW—October Sunshine, M. Bonnaffon, Golden Eagle. Monson State Hospital Greenhouses, Palmer, Mass.

Chrysanthemum stock plants. Virginia Poehlmann, $5.00 per 100; Shaw, White Maud Dean, Halliday, Maud Dean, October Frost, W. Bonnaffon, Y. Bonnaffon, Polly Rose, Glory Pacific, C. Touset, Ivory and Kalb, $2.50 per 100.
Lehde & Schoenhut, Gardenville, N. Y.

Chrysanthemum stock plants. Montmort, Kalb, Rosiere, Touset, Shaw, Polly Rose, Pacific. Ivory, Pink Ivory, Bonnaffon, White Bonnaffon, Jones, Yellow Jones, Nonin, Appleton, etc., 5c; $4.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo and Wm. Duckham, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Chrysanthemum stock plants. Kalb, Golden Wedding, Queen, White Chadwick, Yellow Chadwick, Enguehard, White Ivory, Jeanne Nonin, Rosiere, Whilldin, Zenobia and Garza, 50c per doz.; $3.00 per 100.
The Miles Co., Oshkosh, Wis.

Stock plants of chrysanthemums. Monrovia, Ivory, White Shaw, Early Snow, 50c per doz., $4.00 per 100, or will trade for rooted cuttings of geraniums.
James Crawshaw, 403 Plainfield St., Providence, R. I.

5000 chrysanthemum stock plants. Dr. Enguehard, Wm. Duckham, Buckbee, Willowbrook, Alice Byron, White Chadwick, White and Yellow Eaton, White and Yellow Bonnaffon, $2.00 per 100. Cash. Ernsberger Bros., Celina, Ohio.

Chrysanthemum stock plants. Kalb, Monrovia, White Fitzwygram, Opah, G. Pacific, Polly Rose, Shaw, Oct. Frost, Halliday, Touset, Josephine, Golden Trophy; also midseason and late varieties, $4.00 100. Wm. Ehmann, Corfu, N. Y.

Chrysanthemums, strong, healthy stock plants. V. Poehlmann, C. Touset, Pacific Supreme, Golden Dome, Appleton, Lynnwood Hall, Bonnaffon, $3.00 per 100. Cash with order.
H. Heepe's Sons, Akron, Ohio.

Stock plants. Golden Glow, Oct. Frost, 50c; Bonnaffon, White Bonnaffon, 50c; Gloria, new early light pink, $1.50; Pres. Taft, new midseason white, $3.00. All per doz.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Chrysanthemum stock plants of Queen, Nellie Pockett, Silver Wedding, Wm. Chadwick, Golden Wedding, Bonnaffon, G. Chadwick, Madonna, Dr. Enguehard, Garza.
Henry E. Reimers, Spokane, Wash.

CHRYSANTHEMUMS. STOCK PLANTS.
Golden Glow, 5c. V. Poehlmann, C. Touset, Yellow Chadwick, White Chadwick, B. May, Alice Byron, 4c.
Holton & Hunkel Co., Milwaukee, Wis.

Chrysanthemum stock plants. A. Byron, Mlle. M. Desjouis, Buckbee, White and Yellow Chadwick, Eaton and Pres. Roosevelt, $3.00 per 100.
John E. Rackebrandt, Princeton, Ky.

Chrysanthemum stock plants. Kalb, Monrovia and Bergmann, 2c. Enguehard, Robinson, Maud Dean, White Bonnaffon and Golden Wedding, 4c.
F. J. Prouty, Spencer, Mass.

Mums. October Frost, October Sunshine, Monogram, Glory Pacific, stock plants, full of cuttings, to make room, $2.50 per 100.
R. F. Gloede, Evanston, Ill.

Stock plants. Golden Glow, 5c; Oct. Frost and Monrovia, 3c; Kalb, Bonnaffon, Virginia Poehlmann, Touset and Ivory, 4c.
Batavia Greenhouse Co., Batavia, Ill.

Mum stock plants. Robinson, White and Pink Ivory, Holst, Ruth Cleveland, Giant Bronze, Boehmer, Intensity, 5c.
Jewell Greenhouse, The Dalles, Oregon.

Chrysanthemum stock plants. Touset, Pacific, Robinson and Enguehard, $3.50 per 100; 50c per doz. Cash.
F. C. Greene, 610 Innis St., Oil City, Pa.

Chrysanthemums, good stock plants. White and Yellow Bonnaffon, $3.00 per 100; Ivory, $2.50 per 100.
Kring Bros., Fairbury, Ill.

Stock plants of chrysanthemums. Monrovia, Oct. Frost, Touset, Jeanne Nonin, 50c per doz.; $4.00 per 100. A. T. Hey Floral Co., Maywood, Ill.

Chrysanthemum stock plants. Golden Glow, Opah, Touset, Polly Rose and Monrovia, 50c per dozen. A. C. Canfield, Springfield, Ill.

Chrysanthemum stock plants. Send for list and prices. All money-making kinds.
Geo. A. Relyea, Poughkeepsie, N. Y.

Chrysanthemum stock plants. Bonnaffon, M. Dean, Lynnwood Hall, $3.00 per 100.
P. A. Baker, Media, Pa.

Golden Glow stock plants, $1.00 per doz.; $5.00 per 100. Peirce Bros., Waltham, Mass.

Fine stock plants of Poehlmann and Crocus, 50c per doz. Wm. Lee & Sons, Bedford, O.

Chrysanthemums, field clumps. Pompons, 4c; singles, 8c. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, Columbian, new Scarlet Queen, Stellata, James' Prize, 3-in., ready for 4-in., $4.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, 2½-in., ready to shift, $3.00 100. J. Bader, 43 Ravine St., Pittsburg, N. S., Pa.

Cinerarias, extra fine, 3-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

CINERARIAS—Continued.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, large flowering, dwarf prize, 2½-in. pots, $2.00 per 100. Cash.
E. Fryer, Johnstown, Pa.

Cinerarias, large flowering, 2¼-in., 2c. Stellata, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

Cinerarias, half dwarf, 3-in., ready for 4-in., fine stock, 3c.
W. B. Woodruff, Florist, Westfield, N. J.

Cinerarias, 2½-in., 3c.
Levant Cole, Battle Creek, Mich.

CLEMATIS.

Clematis, large flowering, red, white, purple and blue, nice stock, 25c; $2.00 per 10.
Clematis paniculata, profuse white, hardy, ornamental, fragrant and reliable in every way; a large stock of very fine plants, $1.00 per doz.; $6.00 per 100, $50.00 per 1000.
F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, best varieties, strong rooted cuttings, 50c per 100; $4.50 per 1000.
Thompson & Sons, Sta. D., R. R. 1, Milwaukee, Wis.

Coleus rooted cuttings, clean, well rooted. Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000. Fine for stock plants. Cash.
Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings, 50c per 100; 2-in., $1.75 per 100. R. K. Stokesberry, Leetonia, Ohio.

Coleus rooted cuttings, 15 good varieties, 60c per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CROTONS.

Crotons, $1.00, $1.25, $1.50 each.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

CYCLAMEN.

Cyclamen giganteum superbum, new English strain, larger flowers than any other, 10 varieties, Rococo, in all colors, 4 strains of the new salmon shades, new fringed and frilled, all that is best, nicely budded, 3-in., ready for 4-in., $7.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, fine stock, 2½-in., $5.00; 3-in., $8.00 and $10.00; 4-in., $12.00, $18.00, $25.00; 5-in., $35.00 and $50.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen, which took the first prize in the Milwaukee flower show. They are in full bud and bloom, 4, 4½, 5, 5½, 6-in. pots. Ask for prices. Carl Meier & Co., Green Bay, Wis.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, extra well grown and budded plants, from 4-in. pots, $15.00; 5-in. pots, $25.00 per 100. Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, large flowering, all colors, 3-in., $5.00 per 100; 4-in., $10.00 per 100; 5-in., $15.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cyclamen persicum giganteum, 4 colors, strong 3½ and 5-in., $8.00 and $20.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Cyclamen, best giant strain, 5 separate colors or mixed, strong, stocky plants, from 3-in., 7c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Cyclamen, 2-in., $2.00; 2½-in., $3.50; 3-in., $6.00; 4-in., $15.00; 5-in., $25.00.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

DAHLIAS.

Dahlias. Jack Rose, Fringed Twentieth Century, Rose-pink Century and Big Chief, $3.50 per doz., $25.00 per 100. Virginia Maule, $4.00 per doz., $35.00 per 100. Write for special prices on best standard cut flower dahlias.
Peacock Dahlia Farms, Williamstown Junction, N. J.

Dahlias, field-grown clumps, will divide in 3 to 5 eyes, and will make 3 to 5 plants in the spring; Catherine Duer, fine red, and Clifford Bruton, fine yellow, $5.00 per 100. Cash with order. Ralph Hornor, Mt. Holly, N. J.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

Dahlias. Have a surplus of the following varieties, field clumps: Gen. Buller, Queen Victoria, Catherine Duer, A. D. Livoni, H. Lyndhurst, Camelliaeflora, 75c doz.; $5.00 per 100.
W. A. Finger, Hicksville, N. Y.

Dahlias, C. W. Bruton, best yellow, and Sylvia, long-stemmed pink. Undivided field clumps, $5.00 per 100.
E. E. Stewart, Rives Junction, Mich.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

DAISIES.

Daisies, bellis, double white and pink, $2.00 per 1000. California Giant, winter flowering, white and yellow, 2½-in., $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Paris daisies, yellow and white, 2-in., 1½c. Snowball and Longfellow, $2.00 per 1000. P. daisy, Etoile d'Or, rooted cuttings, 1c. Cash.
Byer Bros., Chambersburg, Pa.

Hardy daisies, Chrysanthemum maximum, better than Shasta. Strong divisions of same, $3.00 per 100; $25.00 per 1000.
W. A. Finger, Hicksville, N. Y.

DEUTZIAS.

Deutzia Lemoinei, for forcing, pot grown, extra heavy, from 9-in. pots, $50.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

DRACÆNAS.

Dracaena indivisa, 3-in., 5c; 4-in., 12c. Fine, field-grown stock, ready for 5 and 6-in. pots. Special prices on application.
Mosbæk Greenhouse Co., Onarga, Ill.

Dracaena indivisa, 2-in., ready for 3-in., $2.50 per 100; 3-in., good, strong plants, $4.00 per 100. Cash.
P. N. Obertin, 567 Chicago St., Kenosha, Wis.

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FERNS FOR FERN DISHES, best stock, largest assortment; 2¼-in., $3.00 per 100, $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000.
FERN SEEDLINGS, in 10 best fern dish varieties, strong healthy stock, ready for potting, $1.25 per 100; $10.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.
ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.
Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

Ferns. Place your order now for ferns, largest stock and prices lowest, considering quality. Whitmani, Elegantissima, Boston, Barrowsii and Piersoni, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

Ferns. Fine, large plants for Christmas sales in Boston, 6, 7, 8 and 10-in.; Whitmani, 4, 5, 6, 7 and 8-in.; Scottii, 4, 5 and 6-in.; Amerpohlii, 4, 5, 6 and 7-in. Write us your wants.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

Ferns. 7 8-in. plumosus, 30c each; 24 4-in., 8c each. 9 8-in. Whitmani, 75c each; 60 4-in., 10c each. 200 Boston, 4-in., $12.00 100. 60 Piersoni, 4-in., 8c each. Cash, please.
Mrs. R. Whitehead, Box 306, Hammond, La.

Boston ferns, from bench, 5-inch, 15c; 6-in., 25c. None but good stock that will make salable 5 and 6-inch plants.
P. Pearson, 1725 N. Campbell Ave., Chicago.

Ferns. Boston, 5-in., $35.00 per 100; 6-in., $50.00 per 100. Elegantissima, 5-in., $35.00 per 100; 6-in., $50.00 per 100.
Storrs & Harrison Co., Painesville, O.

Ferns. Boston and Barrowsii, from bench, for 5-in. pots, $15.00 per 100; Barrowsii, 5-in. pots, extra heavy, $20.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Boston ferns from bench, for 4 and 5-in. pots, for immediate delivery. Nephrolepis exaltata, Nephrolepis Scottii, $15.00 per 100.
Fowler Bros., Westfield, Mass.

Ferns. Scottii, 2¼-in., 5c; 3-in., 10c. Whitmani and Elegantissima, 3-in., 10c. Boston and Piersoni, 3-in., 8c; 4-in., 12½c.
Mosbæk Greenhouse Co., Onarga, Ill.

Boston ferns, from bench, ready for 5 and 6-in. pots, $3.00 per doz.; $20.00 per 100. Cash. Florists, this is good stock.
H. M. Totman, Randolph, Vt.

Amerpohlii ferns, 3-in., 10c; 4-in., 20c; 5-in., 40c; 6-in., 70c; 7-in., 85c. Piersoni, 4-in., 15c; 5-in., 25c; 8-in., $1.00. All good stocky plants. 4-in. plumosus, $15.00 per 100.
J. H. Milnor & Son, Ada, Ohio.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St., N. S., Pittsburg, Pa.

Ferns. Whitmani, 2½-in., 4c; 4-in., 20c; 5-in., 35c; 6-in., 50c. Barrowsii, 4-in., 15c; 5-in., extra, 35c; 7-in., heavy, 75c.
A. J. Baldwin, Newark, Ohio.

Ferns. Boston or Whitmani, 2¼-in., $3.00 per 100; 3½-in., $8.00 per 100; 5-in., $20.00 per 100; 6-in., $30.00 per 100.
J. W. Davis, 225 W. 16th St., Davenport, Iowa.

FERN RUNNERS. Whitmani, Amerpohlii and Elegantissima runners, strong and healthy, $1.50 per 100. Cash with order.
J. T. Cherry, Athens, Ill.

Whitmani ferns, 6-in. pots, $5.00 per doz.; 7 and 8-in., 75c and $1.00 each; cut fronds, $2.00 per 100.
Davis, Florist, Shawmut Ave., New Bedford, Mass.

Boston ferns, good, strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in., pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Ferns. Boston, 3-in., $5.00 per 100; 5-in., $20.00 per 100. Stock in good condition.
Addems, Morgan & Co., Loda, Ill.

20,000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Dwarf ferns for fern dishes, 6 best sorts, in fine conditions, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

20000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Ferns. Surplus of 4 and 5-in., fine stock, prices right. Herms Floral Co., Portsmouth, O.

Boston ferns, 5-in., 20c. Any size, price low. W. B. Woodruff, Florist, Westfield, N. J.

Whitmani ferns, 4-in., 10c; 2½-in., 8c, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

Boston ferns, very strong, 4-in., $20.00; 5-in., $30.00. Kemble Floral Co., Oskaloosa, Iowa.

Ferns, assorted, for dishes, 2½-in., $3.00 100.
McRae-Jenkinson Co., Cheswick, Pa.

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Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

FORGET-ME-NOTS.

Forget-me-nots, hardy, blue; fine plants, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

GENISTAS.

Genistas, nicely trimmed plants, in good shape for Easter flowering, 5-in., $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas, strong 4-in. stock, $15.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

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100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted. $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelties, Red Wing and Mrs. Annie Vincent, 25c each, $2.50 per doz. Write for geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Geraniums. Orders booked for November and December delivery. Gloire de France, La Favorite, Ricard, J. J. Harrison, Eugene Sue, Roseleur, Trego and others, at $1.25 per 100; $10.00 per 1000. Alliance, Richmond Beauty, Sir Fred Trevor and Variegated S. A. Nutt, $5.00 per 100. Addems, Morgan & Co., Loda, Ill.

Large, well rooted geranium cuttings. S. A. Nutt and Buchner, $10.00 per 1000. Poitevine and Ricard, $12.50 per 1000. Ready now; can ship at once. All orders receive my personal attention. Cash with order. See display adv.
C. F. Treichler, Sanborn, N. Y.

Geranium rooted cuttings. Nutt, Buchner, $10.00 per 1000. Orders booked for later delivery. Ricard, Poitevine, Castellane, Jaulin and others, $12.50 per 1000. All strong, well rooted, the right kind of cuttings. Cash.
Rudolf Nagel, Lancaster, Pa.

Geranium rooted cuttings. Nutt, Ricard, Henderson, Poitevine, Gen. Grant, Bruant and La Favorite, guaranteed good strong cuttings, $1.25 per 100; $10.00 per 1000.
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100,000 geranium rooted cuttings. Nutt, Poitevine, Mme. Landry, Vera Vend, Jean Viaud, Mme. Barney, Heteranthe, La Favorite, L'Aube and Mme. Jaulin, $1.25 per 100; $10.00 per 1000.
The Parker Greenhouses, Norwalk, Ohio.

Geraniums. I want your trade. A trial order will convince you that my cuttings are grown to give you good plants. S. A. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Geranium rooted cuttings. Orders booked for delivery about Dec. 1. Viaud, B. Poitevine and S. A. Nutt, $1.25 100, $10.00 1000; 500 at 1000 rate. Cash with order, please.
Fred C. Greene, 610 Innis St., Oil City, Pa.

Geraniums. Well rooted cuttings of S. A. Nutt, Montmort, Buchner, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings. Grant, Nutt, Buchner and others, $1.00 per 100; $10.00 per 1000. Henderson, Dryden, Ricard, Viaud and others, $1.25 per 100; $12.50 per 1000.
C. H. Puhlman, Carnegie, Pa.

Geraniums. Rooted cuttings of S. A. Nutt, dble. Grant, Mme. Buchner, $1.25 100, $10.00 1000; 4000 2½-in., $2.50 100; 3000 4-in., $5.00 100. Excellent stock.
M. M. Lathrop, Cortland, N. Y.

Geraniums Ricard, S. A. Nutt, Buchner, from 2½-in. pots, extra fine lot of strong, cool-grown plants, $2.25 per 100; $20.00 per 1000. Order now.
J. R. Brooks, Oxford Depot, Orange Co., N. Y.

Silver-leaved Nutt, rooted cuttings, $5.00 per 100; 2½-in. pots, $8.00 per 100. Rose geranium cuttings, $2.00 per 100; $15.00 per 1000.
Jacob Russler, 114th & Avon Ave., Morgan Park, Ill.

100,000 select top cuttings, well rooted, of Nutt, Buchner, La Favorite, Poitevine, Viaud, Perkins, Ricard, Doyle and Duc de Montmort, $12.00 per 1000. D. R. Herron, Olean, N. Y.

Geranium rooted cuttings. Nutt and La Favorite, $10.00 per 1000; Poitevine and Ricard, $12.50 per 1000; Poitevine alone, $15.00 per 1000. G. E. Fink, Roselle, N. J.

Geranium rooted cuttings, Nutt, Buchner and Grant, $1.25 per 100, $10.00 per 1000; 2 and 2½-in. pots, $2.00 per 100. Ready now. Cash.
W. C. Myers & Sons, Box 581, Scottdale, Pa.

Geranium rooted cuttings, ready now. 15,000 Nutt, $1.00 per 100; $10.00 per 1000. S. A. Nutt, strong 2¼-in., $2.00 per 100. Ready.
Jacob Doerrer, R. R. 1, Columbia, Pa.

Geranium rooted cuttings. Poitevine, Viaud, Castellane, $12.00 per 1000. Nutt, Buchner, $10.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Geraniums. Buchner, Jaulin, Nutt, Chas. Gervais, Henderson and Montmort rooted cuttings, $1.25 per 100; $12.00 1000.
Chas. Frost, Kenilworth, N. J.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Geraniums. 1500 Double Grant, strong, stocky plants, from 2-in. pots, $2.00 100; $18.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Geraniums, S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geraniums, standard varieties, 2¼-in., $2.50 per 100; 4-in., 10c each. La Favorite, 5-in., 15c each. Mosbæk Greenhouse Co., Onarga, Ill.

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Fowler Bros., Westfield, Mass.

Geraniums. S. A. Nutt, La Favorite, Poitevine, Ricard and Bruant, 2½-in., 2c each.
F. J. Prouty, Spencer, Mass.

S. A. Nutt geraniums, 2½-in., ready for shift, $2.25 per 100; $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geranium rooted cuttings. Nutt, Ricard and Poitevine, $12.50 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Geraniums, the cream of the bedders. See display adv. John Irvine & Sons, Bay City, Mich.

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100,000 gladioli, $4.00 to $7.00 per 1000, if taken from the field. Silver Trophy, Sec. 2, Groff's hybrids, mixed seedlings and named sorts. Also small bulbs and bulblets cheap. Send for lists.
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Gladioli, new forcing, Pink Beauty, great bloomer, $2.50 per 100; $20.00 per 1000. America, May, light mixtures, etc. Cash.
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Gladioli, good stock, price right on fall delivery. S. Huth, Cuyahoga Falls, Ohio.

Gladioli. See my display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

Augusta gladiolus, all sizes.
C. H. Ketcham, N. S. D., South Haven, Mich.

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Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark blue, fine, 2-in., 1½c. 10% disc. on all plants. Cash. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, strong R. C., light, dark, 100 by mail, 90c. Keeney's Greenhouse, Monongahela, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

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HOLLY.
Have 6 years' experience in packing holly. Parties wanting choice Virginia holly can have their wants supplied by writing
T. J. Eubank, Brown's Store, Va.

Holly wreaths. Box holly. Holly wreaths a specialty, in large and small quantities. Selected box holly. Write for prices.
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Hollyhocks, dble. white, for design work, 1st size, 2c; 2nd, 1c. Cash. 10% disc. on all plants. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Hollyhocks, double yellow, pink and white, $15.00 per 1000; single, mixed, $10.00 per 1000. Spring sown. Cash.
Byer Bros., Chambersburg, Pa.

HYDRANGEAS.

Hydrangea Otaksa, field-grown, strong, well shaped plants. Pot now for Easter blooming. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c; 4-crown, 12c; 5-crown, 15c; 6-crown, 18c; 7-crown, 20c; 8-crown and over, 25c.
Baur Floral Co., Erie, Pa.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, for next spring flowering, sturdy plants from 3-in. pots, $5.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

Hydrangea Otaksa, 3-in., strong, 4c; 4-in., $6.00; some fine 6 and 8-in., 35c each.
Cottage Greenhouses, Litchfield, Ill.

Hydrangea Otaksa, 3½-in., 6c.
Levant Cole, Battle Creek, Mich.

IMPATIENS.

1000 Impatiens Holstii, 2½-in., ready for 4-in., 3c each.
Wagoner Floral Co., Box 164, Columbia City, Ind.

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Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

Iris, all types. Very select list.
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Lantana rooted cuttings, mixed, now ready, at 1c. H. S. Brandt, 141 Spruce St., York, Pa.

Lantanas, trailing, 2-in., 2c; 3-in., 4c.
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Leopard plants, 3-in., 6c.
Levant Cole, Battle Creek, Mich.

LILY OF THE VALLEY.

Lily of the valley, Bruns' celebrated Chicago Market brand, for Xmas forcing, $15.00 1000; $1.75 100. Berlin pips, early forcing variety, $1.50 100; $13.00 1000. Fancy cut valley always on hand. Bruns, 3040 Madison St., Chicago.

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Mistletoe. Silliman's Every Sprig Berried Brand, costs no more; quality considered, worth double. Write for prices. Eighteenth year.
A. B. Silliman & Co., Boone, Iowa.

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Well rooted moonvine cuttings, extra good, $1.50 per 100. Stuart & Haugh, Anderson, Ind.

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NURSERY STOCK.
Elm, 3-4 ft., $3.50 per 100; 4-5 ft., $6.00; 6-8 ft., $12.00; 8-10 ft., $18.00.
Ash, 6-8 ft., $12.00 per 100; 8-10 ft., $18.00.
Maple, silver, 3-4 ft., $3.50 per 100; 4-5 ft., $5.00; 6-8 ft., $10.00; 8-10 ft., $18.00.
Catalpa, 4-5 ft., $5.00 per 100; 6-8 ft., $10.00.
White birch, 8-10 ft., $28.00 per 100; 10-12 ft., $35.00.
Wild B. cherry, 8-10 ft., $28.00 per 100.
Silver-leaved poplar, 6-8 ft., $15.00 per 100; 8-10 ft., $25.00.
Niobe weeping willow, 6-8 ft., $35.00 per 100; 8-10 ft., $40.00.
German iris, in variety, $3.00 per 100.
Golden Glow, $3.00 per 100.
Chrysanthemum uliginosum, $3.00 per 100.
Peonies, mixed, 3 to 5 eye divisions, $5.00 per 100. Pink, 3 to 5 eye divisions, $6.00 per 100. White, 3 to 5 eye divisions, $7.00 per 100.
Packing extra.
The Newburys, Mitchell, S. D.

20,000 cut-leaved weeping birch, all sizes. Write for cash price on size and number wanted.
W. & T. Cass, Geneva, N. Y.

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ELLWANGER & BARRY, ROCHESTER, N. Y.

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Boxes of ASSORTED ORCHID FLOWERS, $5.00 and upward.
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Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

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Palms. Kentia Forsteriana, a grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened, clean plants, the best we ever saw. Extra good value. We have plenty of them. 36 to 40 in. high, $3.50 each; 40 to 44 in., $4.50; 44 to 48 in., $6.00. Kentia Belmoreana, 4-in., ready for sales or growing on, well shaped little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz., $30.00 per 100. Storrs & Harrison Co., Painesville, O.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
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Pandanus Veitchii, well colored, 7-in., $1.00. Cash with all orders.
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Pandanus Veitchii, fine plants, 6-in., $1.00 each; $12.00 per doz.
F. Oechslin, 4911 Quincy St., Chicago.

Palms. Pandanus Veitchii, nice 4-in. stock, $5.00 per doz.
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This is the way we select our seed plants. If a plant, in the field, produces a bloom three inches or more in diameter and of fine texture, form and color, we stake it and, if the second bloom equals or exceeds it, we transfer to the seed beds. We want you to try these thoroughbreds, grown from our own seed. 100 plants, 50c; 1000 plants, $4.00. Cash.
Steele's Giant Pansy Gardens, Portland, Ore.

600,000 PANSIES.
Brown's extra select, superb, giant, prize pansy plants, the best improved strain on the market, for size and colors unsurpassed. Fine, stocky plants, $2.50 per 1000; $20.00 per 10,000. Cash with order.
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Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
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150,000 pansies, finest mixture of real giants. Strong, stocky plants, $2.50 per 1000, $10.00 per 5000; also 5 separate colors, $3.00 per 1000, $12.00 per 5000. Cash.
Rudolf Nagel, Lancaster, Pa.

Pansies of my well known strain, none better, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

PANSIES—Continued.

Sweet scented strain of real Imperial Giants. Stocky, heavily rooted, field-grown, the finest cut flower and exhibition pansy, 40c per 100; $3.50 per 1000.
Imperial Seed & Plant Co., Grange, Balto., Md.

25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
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Giant pansies, mixed, $2.00 per 1000. Cash. 10% disc. now on all plants. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Pansies. Finest English, French and German prize strains, $2.50 per 1000. Special prices in quantity. F. A. Baller, Bloomington, Ill.

Giant pansies, Bugnot, Odier, Cassier, Trimardeau, mixed, $2.50 per 1000; 2000, $4.00. Cash.
Byer Bros., Chambersburg, Pa.

Pansies, Sunbeam, the strain that is sure to please, $2.50 per 1000.
H. B. Snow, Camden, New York.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansy plants, large strain, $2.00 per 1000.
W. B. Woodruff, Florist, Westfield, N. J.

Pansies, fine plants, $2.50 per 1000. Cash.
Forest Hill Nursery, Madison, Wis.

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Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Layal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $8.00 per 100. F. H. De Witt & Co., Wooster, O.

Pelargoniums, 70 best varieties, including all the best new and older sorts; 3½-in., fine, bushy stock, ready for a shift, clean and thrifty, $7.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Pelargoniums. Mrs. Layal (pansy geranium), fine, 2¼-in., $1.00 per doz.; $6.00 per 100. Cash. A. J. Winget, Mansfield, Ohio.

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PEONY MONS. DUPONT.
And 90 others.
For fall planting. Send for free price list of phlox, iris and peonies.
FRANK H. WILD FLORAL CO.,
Sarcoxie, Missouri.

Peonies, 20 superb varieties, 6 to 10 eyes, $1.75 per doz., $12.00 per 100; 3 to 5 eyes, pink, white, and red in equal proportion, $1.00 per doz., $6.00 per 100.
Johnson Seed Co., 217 Market St., Phila., Pa.

SPECIAL OFFER. Peonies, 10 choice named kinds, all colors, early and late, $1.00 doz., $6.00 100; $55.00 1000.
F. A. Baller, Bloomington, Ill.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, 1200 sorts, big stock. Send for list. Largest collection anywhere.
C. Betscher, Canal Dover, O.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Dreer's double petunias, mixed, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Petunias, dble., rooted cuttings, $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

Petunias, all the good ones. See display adv.
John Irvine & Sons, Bay City, Mich.

PHLOXES.

HARDY PHLOX.
Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100; $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

PILEAS.

Pileas, strong 2-in., 1½c. Cash. 10% disc. on all plants. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Pileas, strong plants, 2c.
Cottage Greenhouses, Litchfield, Ill.

POINSETTIAS.

Poinsettias, 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $100.00 per 1000; 5-in., $20.00 per 100, $175.00 per 1000; 6-in., $25.00 per 100, $200.00 per 1000.
JOHN ZIEGENTHALER,
1865 Bocklus St., Philadelphia, Pa.

Poinsettias for Christmas, 3 plants in 7-in. pans, 60c per pan.
J. W. Davis, 225 W. 16th St., Davenport, Ia.

PRIMULAS.

Primula chinensis, fine, strong, healthy stock from 2½-in., ready for 4-in., in the following varieties: Dble. white and rose, Duchess, white, English rose, giant salmon, extra dark red (fine for Christmas); Stellata, white and pink. $3.00 per 100. To every order I will add a few of my new auricula flowered strain gratis.
Alois Frey, Crown Point, Ind.

Primroses, Chinese, fine plants for Christmas blooming, 4-in., ready to shift, $6.00 per 100; 3-in., $2.50 per 100; 2¼-in., $1.50 per 100.
Samuel Whitton, Utica, N. Y.

Primula obconica, in bud and bloom, fine colors, 5-in., extra heavy, $20.00 per 100 out of pots, $25.00 per 100 in pots. Cash.
Frank Sokol, College St., Worcester, Mass.

Chinese and obconica primroses, all in bud and flower for Christmas, 4-in., $6.00 per 100. Obconica, 3-in., $2.50 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primula obconica, extra strong stock, 2-in., $2.00 per 100; 2½-in., $2.75 per 100. Baby primrose, 2-in., $2.00 per 100.
N. O. Caswell, Delavan, Ill.

Primroses. Chinese and obconica, 2½-in., $3.50; 3-in., $6.00; 4-in., $10.00. Forbesi, 2½-in., $5.00; 3-in., $7.50.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

Primula chinensis, fine plants, ready for 4-in., make fine plants for Christmas, 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Primula, Chinese, 2¼-in., 2c; 3-in., 4c. Obconica gigantea rosea, 2¼-in., 2c. Extra fine.
Hammerschmidt & Clark, Medina, O.

Primula obconica, Ronsdorfer and Lattman hybrids, 10 separate colors or mixed, 2-in., 2c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Primrose for Christmas blooming. Chinese and obconica, strong, 3-in., 3c. Cash.
C. F. Krzysske, Sandusky, O.

Primroses, in bud and bloom, 4-in., $10.00; 5-in., $15.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Primula, Chinese, in bud and bloom, shipped in 4-in. pots, 10c. Obconica, 3-in., 3c.
Wettlin Floral Co., Hornell, N. Y.

Primula obconica, best hybrids, in bloom, 4-in., 12c. Cash with all orders.
Aurora Greenhouse Co., Aurora, Ill.

While they last, obconicas and Forbesi primulas, 2-in., 1½c; 3-in., 4c.
U. G. Harglerode, Shippensburg, Pa.

Primula chinensis, 4-in., good, strong plants, $5.00 per 100. Cash.
Forest Hill Nursery, Madison, Wis.

Primulas. Obconica, alba, rosea, hybrida, rubra, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, ready for 4 and 5-in. pots, $6.00 per 100. Wm. Ehmann, Corfu, N. Y.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

100 Primula obconica, 4-in., 7c each. In bud and bloom. F. J. Prouty, Spencer, Mass.

PRIVET.

CALIFORNIA PRIVET.
500,000 3-yr. plants with 12 to 20 branches, have been transplanted once and cut back 2 yr., $4.00 per 100; $37.50 per 1000, packed. Will make a good, close hedge at once.
500,000 2-yr. plants, 2½ to 3 ft. with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed.
1-yr. plants, 12 to 18 in., well branched, $2.00 per 100; $17.50 per 1000, packed. 500 at 1000 rate. Cash with order.
John Bennett, Atlantic Highlands, N. J.

California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.00 1000; 24 to 30 in., 4 to 6 bran., $14.00 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000.
Amoor River privet, 12 to 18 in., well bran., $12.50 1000; 18 to 24 in., well bran., $15.00 1000; 18 to 24 in., heavy, $16.00 1000; 24 to 30 in., heavy, $20.00 1000; 30 to 36 in., $25.00 1000. F. O. B. Bostic. Cash with order.
Valdesian Nurseries, Bostic Dept., Bostic, N. C.

Two-year-old California privet, 15 to 20 in., branched, fine stock, $1.50 100, $10.00 1000; 20 to 30 in., 4 or more bran., $2.00 100, $15.00 1000; 2½ to 3 ft., strong, $3.00 100, $25.00 1000; 3 to 4 ft., strong, $4.00 100, $30.00 1000. Cash, please. Harrisburg Floral Co., Harrisburg, Pa.

RESURRECTION PLANTS.

Resurrection plants and cacti. Cheap. Ask for prices. William Tell, Austin, Tex.

ROOTED CUTTINGS.

List of 1c, 2c and 3c rooted cuttings of roses, verbenas, etc., now ready.
Gem Nursery, Los Gatos, Cal.

Rooted cuttings of anything you want. See display adv. John Irvine & Sons, Bay City, Mich.

ROSES.

Roses, 2-yr., own roots. Dorothy Perkins, White and Yellow Rambler, Balt. Belle, Queen, etc., 5c; Baby Rambler, 8c; H. P.'s, 8c and 10c. Crimson Ramblers, extra strong, for forcing, 8c.
Gilbert Costich, Rochester, N. Y.

Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100; $25.00 1000.
W. Frank & Sons, Portland, Ind.

Baby Rambler roses, strong, three-year-old, field-grown, own root, have been cut back and lifted and have become well established in 5-in. pots, at $12.00 per 100.
Virginia Nursery Co., Purcellville, Va.

ROSE PLANTS, 2¼-IN.

Bride	$2.25 100;	$20.00 1000
Maid	2.25 100;	20.00 1000
Golden Gate	2.00 100;	20.00 1000

Andrew Peterson, Hoopeston, Ill.

Roses, field-grown, leading bedding varieties. Nice stock to pot up for spring sales. Write for list and prices.
Wachendorff Bros., Atlanta, Ga.

Roses. Baby Rambler, 3-in., $10.00. Mme. Soupert, 4-in., $12.50. Hermosa, 4-in., $12.50.
Geo. A. Kuhl, Wholesale Florist, Pekin, Ill.

Roses, surplus stock, good and strong. Bride and Maid, 2-in., $2.00; 3-in., $3.00 per 100.
Dana R. Herron, Olean, N. Y.

Baby Rambler roses, pot grown, own root, for 5-in. pots, $10.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Roses. 3000 strong, well rooted Kaiserin cuttings, $20.00 per 1000.
John Weiland, Evanston, Ill.

Splendid assortment; ask for fall price list.
Leedle Co., Expert Rose Growers, Springfield, O.

RUBBERS.

Ficus elastica, 22 to 24 in., $6.00 per doz.; $50.00 per 100.
F. Oechslin, 4911 Quincy St., Chicago.

Rubbers, fine plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

Ficus elastica, 24 to 30 inches, $6.00 per doz.
John Walker, Florist, Youngstown, Ohio.

SEEDS.

ONION SEED.
If you grow onions, either Yellow, Red or White Globe, and will send us your order, you will be pleased, as are all our customers. Write us for prices. Laughlin Seed Co., Kenton, Ohio.

Seed packets and bags. Catalogue, clasps and commercial envelopes, printed or plain. "If it's a Spangler bag, it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

Asparagus plumosus and Guava seeds. All from my own plants. C. H. Gardiner, 635 Orange Grove Ave., South Pasadena, Cal.

Native tree, shrub and plant seeds collected to order. Send for list, now ready.
L. E. Williams, Lock Box 342, Exeter, N. H.

SMILAX.

Smilax, strong, cut back stock, ready for bench, out of 3-in. pots, $5.00 per 100; $40.00 per 1000. C. A. Rieman, 1224 Grand Ave., Connersville, Ind.

Smilax, 2¼-in., $1.00 100; $10.00 1000. Good, strong plants, cut back several times.
F. E. Selkregg, North East, Pa.

Transplanted smilax, strong plants, 50c per 100 by mail; $4.00 per 1000.
F. A. Baller, Bloomington, Ill.

Smilax, strong 2½-in., cut back, $1.50 per 100; $13.00 per 1000. Cash.
Addems, Morgan & Co., Loda, Ill.

Smilax plants, 2¼-in., $1.50 100; $12.00 1000.
Skidelsky & Irwin Co., 1215 Betz Bldg., Phila.

SNAPDRAGONS.

Snapdragons, giant white, pink, scarlet, yellow, separate, ready to pot in 2-in., to follow mums, $1.00 per 100, $8.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Antirrhinums, our improved giants, best for cut flowers; pink, yellow, white, separate; strong, stocky 2½-in., $2.00; $18.00 1000. Cash. Imperial Seed & Plant Co., Grange, Balto., Md.

SWEET PEAS.

Surplus stock of sweet pea plants, strong, well rooted, in 2½-in. pots, $2.00 per 100.
J. C. Murray, Peoria, Ill.

VEGETABLE PLANTS.

50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto. 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
Chas. Black, Hightstown, N. J.

Grand Rapids lettuce, strong, transplanted, $3.00 per 1000; from seed bed, $1.00 per 1000; seed, 15c per oz. All prepaid.
F. A. Norton, 735 Lowell St., Ypsilanti, Mich.

Lettuce. Grand Rapids and Big Boston, $1.00 per 1000; 5000 for $4.00.
J. C. Schmidt, Bristol, Pa.

Grand Rapids lettuce plants, No. 1 stock, $2.00 per 1000.
Fred Windmiller, Sta. A, R. 2, Columbus, O.

Best forcing tomatoes, 2½-in., $2.00 per 100.
Roney Bros., West Grove, Pa.

VINCAS.

Vinca variegata, 25,000 field rooted tips, stored in cool house, $1.00 per 100. These are first class and will grow into stock for spring sales. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, Ohio.

Vinca variegata, excellent field rooted tips that can be grown into stock for next spring's sales, $1.00 per 100; $10.00 per 1000.
W. J. Engle, R. R. 8, Dayton, O.

Vinca var., strong field clumps, selected, $5.00; first quality, $4.00; second, $3.00 per 100. M. M. Lathrop, Cortland, N. Y.

Vinca var., 4-in., strong and select stock, $30.00 per 1000; $3.50 per 100.
H. C. Brown, Yellow Springs, Ohio.

Vinca major variegata and Vinca major, large field clumps, $4.00 per 100.
A. L. Munk, Mt. Gilead, O.

Vinca variegata, in 2-in. pots, $1.50 per 100; 3-in. pots, $2.50 per 100.
Stuart & Haugh, Anderson, Ind.

Vincas, green; strong rooted cuttings, now ready, 75c per 100.
John Schweichler, North Tonawanda, N. Y.

Vinca variegata, 3½-in. pots, ready now, $4.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Vinca variegata rooted cuttings, 85c per 100; postpaid. Cash. W. E. Gravett, Lancaster, Ohio.

Vinca var., strong R. C., 100 by mail, 90c; 500, $4.25. Keeney's Greenhouse, Monongahela, Pa.

Vinca variegata, $3.00 per 100.
Wm. Schaffer & Son, Dover, Del.

VIOLETS.

Marie Louise violet blooms, ready now, A No. 1 quality, $1.00 per 100. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets. Rooted plants of Princess of Wales and Campbell, $1.00 per 100; $9.00 per 1000.
A. B. Campbell, Cochranville, Pa.

Violets. Sand rooted plants of Swanley White, $1.25 per 100, by mail, postpaid.
A. B. Campbell, Cochranville, Pa.

Violets, 4000 2½-in. Campbell and Princess of Wales, $2.00 per 100.
A. B. Campbell, Cochranville, Pa.

Violets. Gov. Herrick, fine clumps, $3.00 per 100. Wm. S. Herzog, Morris Plains, N. J.

MISCELLANEOUS.

Jerusalem cherries, out of 5-in. pots, nice, strong plants, well berried, green and red, $10.00 per 100. Asparagus plumosus, out of 3-in. pots, strong, $5.00 per 100. Hardy English ivy, 2 strong plants to a 3-in. pot, 12 to 18 in. long, $6.50 per 100. Periwinkle, out of 4-in. pots, $7.00 per 100. Clematis paniculata, out of 2-in. pots, $2.00 per 100. Dracaena indivisa, out of 2-in. pots, $2.00 per 100. Cash with order, please. All goods shipped at purchaser's risk.
SAMUEL V. SMITH,
3323 Goodman St., Philadelphia, Pa.

TO EXCHANGE.

To Exchange—Chrysanthemum stock plants of Estelle, G. Pacific, Robinson, Maud Dean, W. Bonnaffon, Y. Bonnaffon, Louis Boehmer, Appleton and Dr. Enguehard, $4.00 per 100, for flowering and bedding plants.
Pleasant Hill Greenhouse, Logansport, Ind.

To Exchange—Field-grown stock plants of mums, Shaw, Weeks and others, $2.50 per 100, also smilax seedlings, $2.50 per 1000, for pansy plants, or what have you?
Langley J. Goodman,
R. F. D. 1, Box 22, Los Angeles, Cal.

To Exchange—Geranium Salleroi, rooted, 1000, $5.00; Primula Forbesi, in bloom, 1c; pansy plants, finest strains, for Baby Ramblers, rooted cuttings, Salvia Zurich, fuchsias and small ferns. D. W. Leatherman & Son, Anderson, Ind.

To Exchange—Chrysanthemum stock plants as per classified chrysanthemum adv., for Bostons, cyclamen, gladioli and unrooted Enchantress family cuttings.
Crabb & Hunter Floral Co., Grand Rapids, Mich.

WANTED.

Wanted—Stock plants from bench of the best cut flower varieties in chrysanthemums; must be true to name. State number and best cash price. The Reeser Floral Co., Urbana, Ohio.

Wanted—Rose plants of any kind. Melrose Garden Co., 90 Melrose St., Providence, R. I.

AQUARIUM SUPPLIES.

FOR CHRISTMAS. FOR CHRISTMAS.
Aquatic plants for the aquarium. Anacharis, by the bunch, Sagittaria natans, water lettuce, Salvinia natans, water hyacinths, Potamogeton, floating fern, Washington grass, parrot's feather. Tadpoles, paradise fish, fish food and fancy gold fish.
SAMUEL V. SMITH,
3323 Goodman St., Philadelphia, Pa.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

All sizes of cut flower and floral design boxes. Write for our box catalogue.
C. C. Pollworth Co., Milwaukee, Wis.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

DECORATIVE MATERIAL.

Galax, ferns, leucothoe. Quality guaranteed. Shipment prompt. Turn to our display adv. and make up an order now. We make a specialty of leucothoe, both green and bronze.
T. J. Ray & Co., Elk Park, N. C.

Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order. Crowl Fern Co., Millington, Mass.

FLOWER COLORINGS.

CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt., by mail.
C. R. Cranston, 73 Fifield Ave., Providence, R. I.

GOLD FISH.

Price list now ready. Extra large and fine crop of fish this season. No fungus; no lice. Our little book, "The Gold Fish Dealer's Guide," tells you how to handle fish, prevent and cure diseases; free to customers.
Glen Mary Fish Farm,
Chas. Pommert, Prop., Amelia, O.
Largest gold fish hatchery in the world.

Gold fish, aquarium plants, snails, etc., wholesale. Send for price list.
Franklin Barrett, 4815 D St., Philadelphia, Pa.

HOSE.

TYPHOON HOSE.
This hose is the result of a careful study of the effects of cinder walks, bench posts and the damp, warm atmosphere of the greenhouse. It is a guaranteed hose, with heavy rubber tubing and 3-ply heavy hose duck.

50 feet, coupled	$ 7.50
100 feet, coupled	15.00
300 feet, coupled	42.00

E. H. Hunt, 78 Wabash Ave., Chicago.

Our hose is properly made and guaranteed. Best quality of duck and sheeting used in plies. Good composition. Old contracts enable us to still offer the following low prices. Per 100 ft.:

	3-ply	4-ply	5-ply	6-ply	7-ply
½-in.	$7.80	$8.40	$ 9.60	$10.80	$12.00
¾-in.	9.00	9.60	10.80	12.00	13.20

Immediate shipment, express or freight, in any quantity. The Crestline Mfg. Co., Crestline, O.

INSECTICIDES.

"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

MOSS.

Fancy sheet moss, packed in 3-bushel sacks, long sheets, $1.50.
Pittsburg Cut Flower Co., Ltd.,
222 Oliver Ave., Pittsburg, Pa.

PAPER POTS.

Paper pots. 5,000 3-in., $5.00; 4-in., $7.50. Shipped flat; low freight rates.
P. B. Crosby & Son, Catonsville, Balto., Md.

POTS.

Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M. Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.,
Lincoln University, Chester Co., Pa.

Standard red flower pots. Buy from the originators and introducers. Prices never higher.
C. C. Pollworth Co., Milwaukee, Wis.

Red pots, none better.
Colesburg Pottery Co., Colesburg, Iowa.

"NUFF SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

PRINTING.

$1.25 per 1000 up, for letter-heads, bill-heads, etc. Cuts used. Samples free.
Fred A. Sotter, Dept. F, Douglassville, Pa.

RAFFIA.

Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
or 810-824 Washburne Ave., Chicago.

SPHAGNUM MOSS.

A full stock of moss on hand all year around. Sphagnum moss, $1.50 per bale; sheet green moss, $2.50 per bbl.; clump moss, 75c per bag. H. Kenney, 88 Rochester Ave., Brooklyn, N. Y.

Sphagnum moss, best quality, 75c per bale; 10 to 40, 60c each. Cash with order.
L. Amundson & Son, City Point, Wis.

Ten bales sphagnum, $7.00.
Z. K. Jewett Co., Sparta, Wis.

TIN FOIL.

Tin foil, 10 lbs., 10c per lb.; 100 lbs., $9.00.
Wm. Schlatter & Son, Springfield, Mass.

TOBACCO.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00. Write us for prices on large quantities.
Scharff Bros., Van Wert, Ohio.

WIRE WORK.

Wm. H. Woerner, Wire Worker of the West. Manufacturer of florists' designs only. Second to none. Illustrated catalogues.
520 N. 16th St., Omaha, Neb.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

50 per cent less than manufacturing cost. Our specialty—100 assorted designs, $10.00.
H. Kenney, 88 Rochester Ave., Brooklyn, N. Y.

Headquarters for wire work. Send for list.
F. W. Ball, 31 E. 3rd St., Cincinnati, O.

William E. Hielscher's Wire Works.
38 and 40 Broadway, Detroit, Mich.

Illustrated book, 250 designs free.
C. C. Pollworth Mfg. Co., Milwaukee, Wis.

Full line of wire work. Write for list.
Holton & Hunkel Co., Milwaukee, Wis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

READING, PA.—C. W. Beears, formerly of 235 North Ninth street, has opened a new store at 206 North Ninth street.

PRINCETON, IND.—W. J. Ritterskamp has transferred land and buildings valued at $7,500, located on the north side of the city, to the Princeton Gardens, the concern whose reorganization and incorporation was recently announced in the REVIEW. The incorporators are William J. Ritterskamp, Mrs. Louis A. Ritterskamp and James T. Hannan, who also constitute the board of directors for the first year. Mr. Hannan has been employed as florist at the gardens for a number of years and is an expert in his line of work.

IN THE SOUTH.

New Orleans appears to be a splendid field for growing orchids, said Charles Eble in his report as vice-president for Louisiana for the S. A. F. One of our enterprising growers here has a fine stock, and his mode of growing seems to be very simple. Houses are arranged for movable sash, which are taken off in summer and replaced by laths. Some varieties are planted in beds of broken granite; and I am informed that imported plants can be established in half the time required elsewhere, and blooms can be produced much cheaper. He expects to have thousands to cut this winter and spring, and I feel that this will become a paying proposition.

Cocos plumosa is being extensively grown by many florists now for decorative use, and they make character leaf in two years. I noticed several large ones here in open ground that were planted some eight years ago, and have become hardy. Phoenix Roebelenii is a great palm for our section, and easily grown in open ground, and I believe they will stand our winter with others. Fine specimens can be grown out of doors within two seasons, and as a decorative tub palm it is unexcelled.

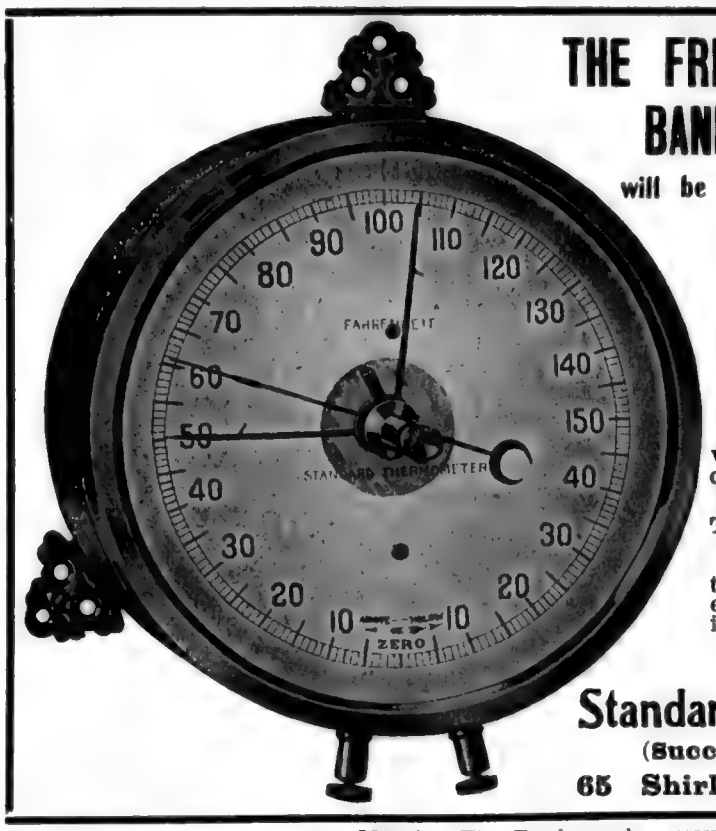
Much uphill work is experienced by our retail florists, from the fact that there are no wholesale establishments here, and often an unnecessary supply has to be kept in stock. Another disadvantage is that private gardens in season are in full bloom, with fairly good flowers. At Easter time, which is our spring season when outdoor stock is in full bloom, I have seen fine blooming azaleas, spiræas, roses and hydrangeas sold for less than cost of forcing.

Our best season is usually from November 1 to end of April, with graduations and weddings in June.

Considering all the trying conditions in this section, I can say that all experienced and energetic florists, seedsmen, nurserymen and truckmen of our city and state, who have their business at heart, have made wonderful advancement in the past year, and I can report trade twenty-five per cent better this year.

BUDDLEIA VARIABILIS.

The old Buddleia variabilis of gardens was at one time considered to be a decorative plant of exceptional merit, but since Messrs. Veitch, through the agency of their collector, E. H. Wilson, succeeded in introducing several improved forms, it is looked on as little better than a weed. The variety Veitchianus is a remarkable plant, producing inflorescences a couple of feet long of rosy-lilac flowers, but magnifica is even better than that, for the flowers are richer in color, and, if anything, the inflorescences are larger. It also has the advantage of flowering a fortnight later. In August, four years ago, the floral committee of the Royal Horticultural Society of Great Britain thought so highly of it that it was unanimously awarded a first-class certificate. A writer in the Gardeners' Magazine says that to obtain the most satisfactory results from this and other forms of B. variabilis, rich loamy soil should be provided, and the plants be cut hard back each spring, so that young, strong shoots are obtained each year. An annual top-dressing of rich manure is also helpful. It is a mistake to keep the same plants for many years, as the best results are obtained from moderately young specimens.



THE FREEZE-OUT THAT BANKRUPTS THE FLORIST

will be avoided by those who have our

STANDARD THERMOSTAT

STYLE 1

Diameter, 6 in. Price, $5.00 each

It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.

Menasha, Wis., Jan. 9, 1909.
The Parker Mfg. Co.,
Boston, Mass.

Gentlemen: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.

Yours very truly,
Jos. B. Froehlich.

Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS

Mention The Review when you write.

Greenhouse Heating.

HEAT FROM HOT SPRING.

I should like to have a question answered in your valuable columns, and that is this: Is natural hot water suitable for heating greenhouses? Here, in south-central Oregon, we have springs of boiling hot mineral water. The water is sulphurous and contains some lime. What would be the best way of getting the water to flow through the pipes? The flow is enough to fill about a 3-inch or 4-inch pipe under pressure. B. B.

There is no reason why boiling hot water from springs cannot be used for heating greenhouses. If the water can be made to rise four or five feet above the surface, or if the house can be located that distance below the level of the spring, it will only be necessary to arrange a system of continuous pipes through which the water can flow. If this cannot be secured, it will be found cheaper to elevate the water, by means of a small gasoline pump, than to purchase fuel for heating the water. A fairly rapid flow may be necessary, to prevent the mineral matter from depositing in the pipes.

OIL FOR FUEL.

Will you please tell me at what price fuel oil would have to be bought in order to use it with economy, when lump coal can be bought at $3.40 per ton, in the bin? Of what is the so-called fuel oil composed — I mean the kind lately inquired about in the Review? I want to use some in a hot water boiler, and heat the house to a temperature of 50 degrees in zero weather. The boiler is of the horizontal type. Where can I procure a burner for it? I am located in Iowa.

G. W. F.

The term "fuel oil" is generally applied to crude petroleum. This, of course, varies considerably in its composition and fuel value, but 100 gallons of oil will generally give as much heat as one ton of lump coal. There are very few sections, outside of the oil belt, where oil will be found as cheap as soft coal, al-



DID YOU EVER

want to repair a leak in a steam pipe, or a boiler, or an iron tank, in a hurry?

Tripp's Iron Repair Cement

will do the trick at a small cost

The Alan H. Tripp Co.

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SMITH, LINEAWEAVER & CO.

COAL

Anthracite, Bituminous, Coke and Gas Coal

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DRAPER'S

Recording Thermometer

Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed

Size 14 x 20 in., price $30.00
" 9 x 14 in., " 20.00

THE DRAPER MFG. CO.,
152 Front St., New York

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DO YOU KNOW ABOUT THE

Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO. 283 Dearborn St. CHICAGO

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though considerable allowance should be made for the saving of labor in firing and in removing ashes.

Crane & Co., Chicago, can probably furnish oil burners.

HEAT FOR A FERN HOUSE.

We have a carnation house 21x100, heated by hot water. We wish to change it to a fern house, after puttying and lapping the glass. It is heated by two 4-inch flows and ten 1½-inch returns, five on each side. There is a board wall four feet high on each side. The height from the ground to the ridge pole is ten and one-half feet. We are now just able to keep the temperature at 60 degrees with the ventilators closed. What additional piping will be required for zero weather? We are located in Utah.

F. E. W.

The piping described should be sufficient to maintain a temperature of 50 degrees in zero weather. If 65 degrees is desired, it will be well to add four or five 2-inch pipes. If 60 degrees will answer, the addition of three 2-inch pipes will prove sufficient.

CAPACITY OF BOILER.

I have several greenhouses, measuring seven feet to the gutter and comprising a total of 77,240 cubic feet of space, from floor to ridge. I am heating this with one horizontal tubular boiler, fourteen feet by forty-eight inches, and containing twenty-seven 4-inch flues. The grate surface is 4x4 feet. There is a good brick stack, with splendid draft. I aim to carry ten pounds or less.

I have added to my range two new houses that contain 62,200 cubic feet of space. These are built with concrete side walls and will be as tight as putty, glass and brains can make them. The total exposed glass surface of the whole range, including the ends, one side and the roof, will be about 18,000 square feet. Can I safely heat this to an average of 56 degrees with the one boiler, in this Missouri climate?

W. J. B.

From the dimensions given, the boiler can be safely rated at forty to forty-two horse-power. At the outside figure, 2,800 to 3,000 feet of radiation would be required. There should be no difficulty, therefore, in heating the houses in question, so far as the size of the boiler is concerned.

NEW BEDFORD, MASS.

The Market.

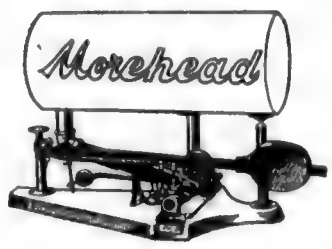
Business last week was good, with the supply of flowers none too plentiful. Carnations are rather scarce just now; they are retailing at 75 cents per dozen. Roses sell at $1.50 and $2 per dozen, retail. Mums are still in the market; $1.50 and $2 per dozen, retail, are the prices. Violets sell at $1.50 per hundred blooms. Paper Whites are now to be seen; these retail at 50 cents per dozen. A few Roman hyacinths are also coming in.

Everyone reports a fair Thanksgiving trade. Flowers were in good demand. A rain storm, coming a day or two before Thanksgiving day, gave trade a little setback.

Various Notes.

E. H. Chamberlain had a good trade on Thanksgiving day. He reports a good demand for flowers on Friday, the

A Better Growth of Flowers Guaranteed



The reason more Morehead Steam Traps than any other make have been sold in the past twenty years is because they are directly responsible for a better growth of flowers wherever installed. "The best investment we ever made," is the statement we invariably receive.

"How and why" in the Trap Book. Send for it.

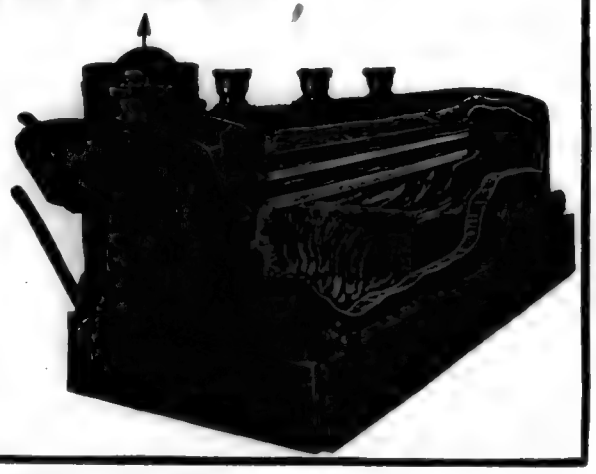
MOREHEAD MFG. CO., Dept. M, Detroit, Mich.

Mention The Review when you write.

THE KROESCHELL BOILER NOT CAST IRON

HAS

WATER FRONT SIDES TOP BACK



Now Catalogue and prices on application.

Kroeschell Bros. Co.

444 Erie St., Chicago

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IMICO

Hot Water Boilers

Made by

ILLINOIS MALLEABLE IRON CO.

1801-1825 Diversey Boulevard

CHICAGO

Are noted for coal economy and good results generally

SEND FOR CATALOGUE

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day after, when the annual social hop of the season was held among the four hundred. Roses and violets were in good demand. Mr. Chamberlain put out about 3,200 violet blooms. He is showing some nice white Bonnaffon mums.

R. H. Woodhouse has a grand show for Christmas, in begonias, cyclamen and other flowering plants. His place is in fine shape.

Wm. P. Peirce is cutting some nice mums at his Elm street place.

Wm. H. Davenport is having a special sale of cocos palms and small Whitmani ferns, the former at 25 cents each and the latter at 10 cents each. W. L.

CURRENT JOTTINGS.

J. W. Adams & Co., of Springfield, Mass., find the sale of the Wizard brand of sheep manure so large that they have built a cement storage-shed, especially to enable them to handle it by the carload. They have also added to the greenhouse plant.

L. D. Robinson, Jr., of Springfield, Mass., has the building fever, and in the near future he may be seen locating on a farm, since that is the cheapest thing just now in the real estate line and he is cramped for room.

Mark Aitken, of Springfield, Mass., will start building immediately after Easter and has plans for 100,000 feet from Lord & Burnham, with possibilities for 1,000,000 feet.

William Schlatter & Son, of Springfield, Mass., are satisfied to remain where they are. They have just finished two Lord & Burnham houses, which complete a square. I noted a batch of Harrisii, from the same case, part of which had been started outside and part under the bench. Those started inside have made a much more satisfactory growth.

Wedding decorations have kept E. W. Clark, of New London, Conn., extra busy of late and have called for the best stock. A few good funeral orders have cleared up surplus blooms. Thanksgiving sales are satisfactory. M.

ST. LOUIS.

The Market.

Thanksgiving week was a busy one for the florists and we hear nothing but good reports from all over the city. From these reports we can safely say that it was one of the best Thanksgivings the trade has had. There were a number of weddings, small and large, which used up considerable stock of all kinds. The weather was fine and warm. What we need, from now on, is colder weather to stimulate the business.

There will be a large number of debutantes in society this month, who will hold large receptions, and these should keep the store men busy up to Christmas. The supply of stock last week was large and equal to the demand, on almost everything except violets, which have suffered greatly from the warm spell. California violets brought $1 per hundred.

Mums are nearing the end, although quite a few are still coming in. Carnations are now at their height and the blooms are of fine quality, bringing top prices of $4 per hundred. Lily of the valley has a big demand of late, with hardly enough coming in to meet the call. Beauties sold well last week, in all grades, but the medium stems had the best call. Other roses also sold well, with top price at $8 per hundred. Some extra fine Killarney and White Killarney brought $10 per hundred. Smilax and all other greens have a good demand.

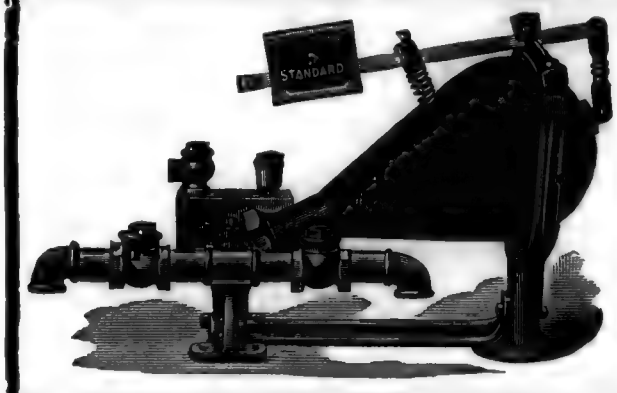
Various Notes.

Frank M. Johnson's first trip here, representing A. L. Randall Co., Chicago, was a successful one.

Louis A. Gieger, formerly employed in various local retail stores, has opened up the old stand of the Maryland Floral Co., at Maryland and Euclid avenues.

L. P. Jensen, gardener to Adolphus Busch, addressed the South Side Self-culture Club Tuesday, November 23, his subject being "Landscape Gardening."

W. C. Smith, of the Smith Wholesale Floral Co., is interested in the coming



The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

E. HIPPARD, Youngstown, Ohio

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BUY THE
Taylor Automatic RETURN TRAP



AND SAVE MONEY
Write for our Guarantee and Best Prices
TAYLOR STEAM TRAP CO.
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THE SUPERIOR
GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of
GRATE BARS
both rocking and stationary
Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.
Send for catalogue and prices.
Superior Machine and Boiler Works
840-850 West Superior St., CHICAGO
L. D. Phone, Monroe 1008.

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Leaks Ruin Stock
Don't Have Them
Our Emergency Pipe Clamps
are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



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Pipe Repairs and Steam Specialties
JAMES McCREA & CO.
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WILKS
Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses :: ::
No night fireman required with our Self-feeding Hot Water Boilers.
Send for Catalogue and Prices
S. WILKS MFG. CO.
3523 Shields Ave., CHICAGO

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Steel Return Tubular Boilers
The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.
JOHNSTON HEATING CO.
138 E. 31st St., NEW YORK

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High-Grade Boilers
Get Our Catalogue For GREENHOUSES
STEAM and HOT WATER
GIBLIN & CO., Utica, N. Y.

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"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12 00
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders received during December amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.

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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.

10,000....$1.75; 50,000....$7.50; Sample free
For Sale by Dealers

Mention The Review when you write.

chicken show, to be held in the Coliseum this month. There are a number of the local trade who are chicken fanciers, namely, C. A. Kuehn, W. J. Pilcher and Frank Weber.

W. J. Pilcher, of Kirkwood, has his new violet coming in fine, and it is much looked after by the trade. Florists who have seen it of late say it's a winner.

Fred Ammann, of Edwardsville, was here November 27 and reported a good cut of roses and mums for Thanksgiving, with trade good at Edwardsville and Alton.

Miss Mattie Schnell, of East St. Louis; John Barnard, buyer for Grimm & Gorley; Miss M. Meinhardt; Ayers Floral Co.; Geo. Waldbart; Miss M. S. Newman; F. H. Weber; F. C. Weber; Ellison Floral Co.; Kalisch & Sons; C. Young & Sons Co.; Miss Theresa Badaracco, and A. J. Bentzen, of the Bentzen Floral Co., all report that their Thanksgiving business was fine, many saying it was the best they had experienced in years.

Saturday, November 27, was hospital tag day and the trade did quite a rushing business, supplying cut flowers to the ladies selling tags at the different hotels and office buildings.

The Riessen Floral Co., on South Broadway, as usual, had a most attractive window.

The last meeting of the St. Louis Florists' Club, for this year, will be held

The Standard Mailing Tube

SHOW ME! SURE!

Send us a plant done up as you are now preparing your mail packages and we will return it to you put up in the **"Standard"** way—Then you can **see.**

Send the plant today.

THE STANDARD MANUFACTURING CO., Coatesville, Pa.

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Write for Special Prices on all Holiday Goods

WIRE GOODS FOR CHRISTMAS

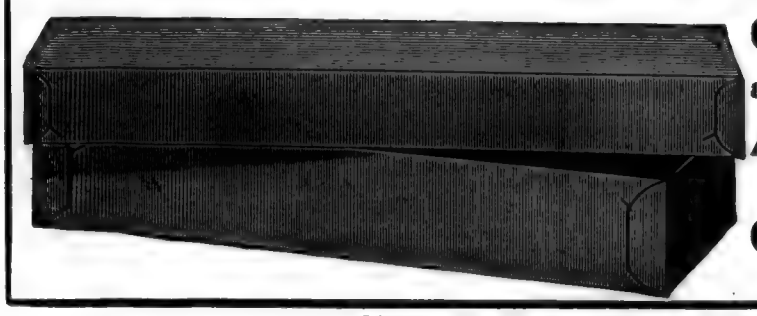
CRIMPED WIRE RINGS

	Per 100	1000
8-inch	$0.40	$3.75
10-inch	.45	4.00
12-inch	.50	4.50
14-inch	.60	5.50
16-inch	.80	

All Orders will be Promptly Filled

WILLIAM E. HIELSCHER, 38-40 Broadway, DETROIT, MICH.

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Cut Flower and Design Boxes

All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

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Krick's Florist Novelties



Manufacturer and patentee of the Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc. (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. **Just the thing for plant growers; will sustain a weight of 100 lbs.**

1164-1166 Greene Ave., BROOKLYN, N. Y.



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Flower Insurance

Insure the safe arrival of your Choice Cut Flowers and Floral Designs by tying them securely and quickly into place with the new Security Staple. Equally valuable to adjust the covers of Telescope Boxes to any desired height.

$1.50 per box of 500. Send 2c stamp for sample.

FRANK J. YETTER
Greenfield, - Mass.



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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$2.25 per 100
No. 1	3x4½x16	2.00 per 100
No. 2	3x6x18	2.50 per 100
No. 3	4x8x18	2.90 per 100
No. 4	3x5x24	3.00 per 100
No. 5	4x8x22	3.50 per 100
No. 6	4x8x28	4.50 per 100
No. 7	6x16x20	5.75 per 100
No. 8	3x7x21	3.00 per 100
No. 9	5x10x35	6.75 per 100
No. 10	7x20x20	7.50 per 100
No. 11	3½x5x30	3.75 per 100

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 60c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

Thursday afternoon, December 9, at 2 o'clock, in Odd Fellows building. President Windler is making an effort to have a large attendance. C. De Wever, of Clayton, will read an interesting paper. The big blackboard will be in readiness so that those who have Christmas stock to sell, or who want to buy, can make their wants known. The trustees say, "Do not miss this meeting."

J. J. B.

Electric Hose & Rubber Co., WILMINGTON, DELAWARE



Manufacturers of RUBBER GARDEN HOSE by a new and improved process. Made in any continuous length. Vulcanized under pressure. Made with seamless braided fabrics. Cannot possibly unwrap or separate between plies. Great strength and durability. Will not kink.

THE ORIGINAL CHICAGO ELECTRIC HOSE

NOT THE CHEAPEST, BUT THE LEAST EXPENSIVE. FOR SALE BY ALL SUPPLY AND SEED HOUSES.

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MINNEAPOLIS.

The Market.

Thanksgiving trade was extremely satisfying this year, as there was a good supply of stock on the market, and the people bought more extensively of cut flowers and plants than in former years. Chrysanthemums are scarce but American Beauties are a more notable shortage. Violets, double and single, are in fair supply. Roses and carnations are good.

Various Notes.

R. A. Latham had the best Thanksgiving sales ever experienced in former years. Wm. Desmond is now with him, greatly improved in health.

The Minneapolis Floral Co. is making a fine showing of 6-inch cyclamen. They have a fine stock of poinsettias in line for Easter, also a large variety of azaleas. M. E. M.

WAYSIDE NOTES.

Commenting upon the healthy appearance of a house of Enchantress, John Coombs, of Hartford, Conn., sagely replied, "They cost $1 per plant and should be up to the mark." In other words, the house, 54x200, complete with boilers, cost exactly $10,000 and contains 10,000 plants. It is one of Hitchings' finest structures and, with the splendid location, Mr. Coombs may be pardoned for being proud of the latest addition to his large plant. There are eight benches. I noted a batch of Lilium Harrisii coming in for Christmas, showing but little disease. If other growers are as successful, it looks as though cold storage giganteum will not be so popular for early flowering. No special pains were taken and the stock looks good.

Theo. Standt, of Rockville, Conn., is planning to enlarge his plant to enable him to supply his increasing shipping trade. He is favorably located.

John Mackenzie, superintendent of the William Maxwell estate, of Rockville, is planting extensively, intending to have one of the finest collections of outdoor stock in the state.

Otto Keser, of Portland, Conn., has under way the largest planting contract it has been his fortune to handle for some time. The weather has been favorable and has materially assisted in making this a banner season for outdoor work. He has a fine stock indoors for holiday trade.

William A. Dawson, of Willimantic, Conn., is a firm believer in early planting of carnations inside, especially after the dry season just experienced.

Stephen Quinn, of Brookline, Mass., says that since the auto craze struck this town, with the continued warm weather, the combination has lessened the number of functions requiring flowers. A cold snap is earnestly hoped for by all the craft.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.

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Elastic Glazing Paste

It is very conveniently applied to wood or iron, new or old, at any time; and is always ready for use. Does not destroy rubber bulb, stands temperature the year round; very flexible; forms a black gloss rubber coat; is easily removed; gives a most desirable finish to dwellings, greenhouses, hot bed sash, sky lights. Cheaper than putty; much more durable and convenient. Used and praised by experienced florists. Put up in compressed lid buckets ¼ to 5 gallons.

$1.00 per gallon

Plenty of references. Orders promptly filled.

Manufactured by

W. E. JUDY & BRO., Greenville, O.

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Spray Your Roses or Plants With the Kant Klog Sprayer.



YOU WILL BE SATISFIED.

Price each, net

Galvanized $4.00
Brass body 6.00
3-ft. extension pipes .. .35

Immediate shipment in any quantity. We make larger sprayers and spray hose.

Write or wire.

THE CRESTLINE MFG. CO., Crestline, Ohio, U. S. A.

Mention The Review when you write.



Awarded diploma and medal, 1907, for the celebrated
Shower Maker, $1.00
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kapesay, South Bend, Ind.

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FOR WATER SUPPLY

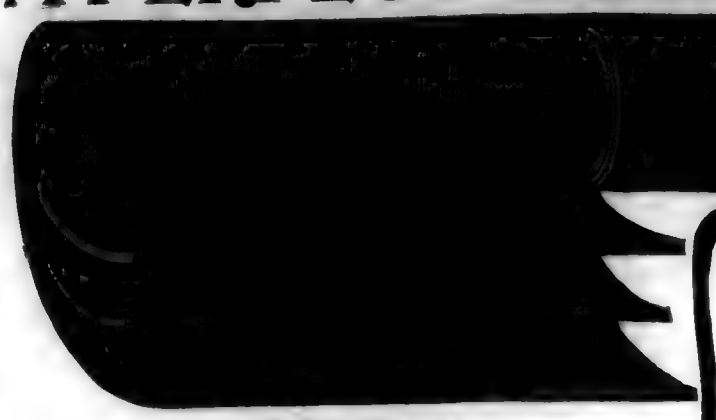
A Standard Pumping Engine

is more reliable than windmill and will furnish a much higher pressure. Catalogue on request—will tell you more.

The Standard Pump & Engine Co., Cleveland, Ohio.

Mention The Review when you write.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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NOXALL

Our own private brand of

Greenhouse Hose

Do you think we would put our name on it if we felt it was anything less than the best?

You can't beat it.

Write for circular, sample or price.

E. H. HUNT, 76-78 Wabash Ave. CHICAGO

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"NATURAL GUANO"

PULVERIZED SHEEP MANURE

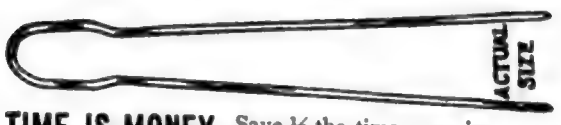


Pure and unadulterated, thoroughly sterilized and immediately available. Used universally as a quick acting natural plant food.

Write us for prices and particulars.

Natural Guano Company, Aurora, Ill.

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TIME IS MONEY Save ⅓ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 15c. per lb. Write for prices on larger quantities.
Wm. Schlatter & Son, Springfield, Mass.

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Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. **Your jobber will supply you,** or write to

Handsome illustrated booklet sent free on request. **ILLINOIS HEATER & MFG. CO.** 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

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Imported Scotch Soot

100 lbs. in double lined bags at $2.50 per bag; 5 bags for $11.25; 10 bags for $20.00.

ARTHUR T. BODDINGTON, SEEDSMAN 342 West 14th Street, **NEW YORK**

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DON'T MISS

Looking over our adv. in April 22 and May 6 issues.
We offered some great values. Some fine Rubbers offered at $3.00 and $4.00 doz.

Our Flowering Begonias are fine.

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Has paid $116,000.00 for glass broken during the last 21 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River, N. J.

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RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.
PADUCAH, KENTUCKY

Mention The Review when you write.

RED STANDARD POTS

PRICES PER 1000 F. O. B. HARRISON

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

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No order too large for us to give you prompt shipment

ESTABLISHED 1862
W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.
Manufacturers of STANDARD FLOWER POTS

No order too small to receive our careful attention

Mention The Review when you write.

MILWAUKEE.

The Market.

Business, up to a short time before Thanksgiving, was not any too brisk, but for Thanksgiving business took quite a jump and from reports it was the best yet. This, no doubt, can be attributed to the following causes: First, that times are improving, and, second, the results of our recent grand flower show, which already has made its effects felt. The supply, Sunday and Monday previous to Thanksgiving, was limited, due to a good many growers holding on to stock, anticipating heavy returns in due time; but in some cases it was a poor speculation. However, taken all in all, stock cleaned up well by Thursday morning.

Mum receipts were heavy, but they moved well. Roses were plentiful. Beauties and violets were mainly called for, and in carnations the call was for Enchantress and red. There were more white than other colors; thus they did not command the higher price. Colored stock sold from 3 to 4 cents, while the best roses realized 8 cents.

Various Notes.

At the Edlefsen-Leidiger Co. they report a satisfactory volume of business for Thanksgiving in the cut flower line, while pot plants sold in limited quantities only.

When the writer called on Wm. Zimmermann, he was busy making a funeral design in the form of a traveling bag. He said that Thanksgiving trade was the best since he had been in business.

Robert Zepnick, who can speak for the south side, said that business was fine, that they had a nice batch of middle-sized pot chrysanthemums and they sold out completely for Thanksgiving, and that means they will grow more another season.

The call at the Wisconsin Floral Co. was mainly for cut mums and violets. They reported that trade is gradually improving. The mild weather of the last few days gave them a good chance to display some stock on the outside of their show window.

C. C. Pollworth returned from his annual hunting trip with a prize buck, and states that he enjoyed the change immensely and as he left on the last evening of the flower show, it was like the calm after the storm.

The Holton & Hunkel Co. had a banner business in Beauties and violets for the Thanksgiving trade.

The regular monthly club meeting takes place December 2, and as officers for the ensuing year are to be elected, it no doubt will be largely attended. The executive committee of the recent flower show will also make its final report.

E. O.

BEATRICE, NEB.—The Dole Floral Co. has moved into its new building on Ella street. The opening of the new place was celebrated with a mum show, which attracted large crowds.

For "Pot Luck" Try Us
HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
World's Largest Manufacturers
Write for Catalogue and Discounts.
A. H. HEWS & CO., Inc., Established 1765 CAMBRIDGE, MASS.
Pearson St., LONG ISLAND CITY, N. Y. 452-460 N. Branch St., CHICAGO, ILL.

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KELLER POTTERY CO.
Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
213 to 223 PEARL STREET, NORRISTOWN, PA.

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THE FAMOUS IONIA POTS
STRONGEST, LIGHTEST, MOST POROUS.
Packed in strong, hardwood crates. Plenty of straw.
We solved the breakage problem years ago.
We are ready for that order NOW.
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Syracuse Red Pots
OUR AIM
To give the florists the best goods with prompt service at fair prices.
Our catalogue tells it all.
Syracuse Pottery Co.
SYRACUSE, N. Y.

Mention The Review when you write.

American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50

The American Woodenware Mfg. Co
TOLEDO, OHIO



Mention The Review when you write.

Kramer's Pot Hanger
For Sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.
I. N. KRAMER & SON, Cedar Rapids, Iowa

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All The Clay
for our
Florists' Red Pots
is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.
THE PETERS & REED POTTERY CO.
ZANESVILLE, OHIO.

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Manufacturers of
RED POTS
Before buying write for prices.
3614-3622 Herndon Street
Near
Wrightwood Ave., CHICAGO, ILL.

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Standard Red Pots
Price list and samples on application.
We carry a complete line of Florists' pots.
Weis & Schmidt Pottery Co.
MILWAUKEE, WIS.

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Greenhouse Glass

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LARGEST JOBBERS

GREENHOUSE GLASS

IN THE WORLD

Superior quality and lowest prices. Before buying, send us your inquiry.

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442 Wabash Avenue, Phone Harrison 2230, CHICAGO

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"HOOKER QUALITY"

The mistake of your life if you don't buy

GREENHOUSE GLASS

Prices are very low and "Hooker Quality" is famous with the best greenhouse trade.

— Write Today —

H. M. HOOKER CO.

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SIEBERT'S ZINC NEVER-RUST

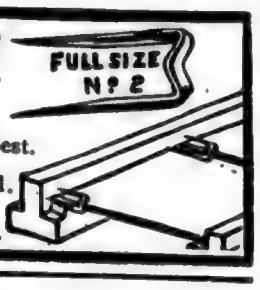
GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert, Baum and Beatty Sts., Pittsburg, Pa.

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Holds Glass Firmly

SEE THE POINTS

PEERLESS



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HENRY A. DREER

714 Chestnut St., Phila., Pa.

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Florists' Review

When Writing Advertisers

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GREENHOUSE GLASS

NOW

Window Glass, Paint, White Lead, Putty, Etc.

Telephone Central 1944.

Office and Warehouse: Michigan, St. Clair and Illinois Sts., CHICAGO

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For GREENHOUSE GLASS

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The Toledo Plate & Window Glass Co.

TOLEDO, OHIO

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HIGH QUALITY LOW PRICES MINIMUM BREAKAGE

Mention The Review when you write.

Superior Quality Low Prices Quick Delivery

GREENHOUSE GLASS

We are not the largest dealers in the world, but when it comes to quality—our glass is second to none. Buy direct from the manufacturer and save the middleman's profit. Give us an opportunity to quote you.

BAUR WINDOW GLASS CO., MANUFACTURERS, EATON, IND.

PITTSBURG.

The Market.

This week is starting out with a slight shortage of flowers. Chrysanthemums are about cleaned up, and for some reason roses and carnations are not so plentiful.

Thanksgiving was all that was expected of it, as it is usually only a little better than a good Saturday. The retailers report the results as fair. Some ran ahead and others behind last year. All agree, however, in saying that there were more sales, but that the sales were smaller. The wholesale houses make better reports, stating that stock generally cleaned up at fair prices, though prices did not advance on anything. It was what might be called a comfortable Thanksgiving trade, with enough stock to give every one anything that was asked for and not much wasted. From a wholesale standpoint, it was the best for several years.

Among the growers, mums are about done and carnations are beginning to come better. Roses will likely be a short cut for some time, probably until the holidays. Lilies, Paper Whites and mignonette are coming to the front; also sweet peas, which do not seem to be very attractive at this time.

Various Notes.

E. C. Ludwig, of the north side, Pittsburg, reports having had an old-time Thanksgiving business. He says that good, fresh stock and reasonable prices are what are wanted every holiday, and as he does not jump his prices, even though his profits might be less, he keeps his people coming regularly and the balance is always on the right side.

It is not long since autos were considered mostly ornaments for advertising purposes, but now they are an actual necessity for up-to-date florists and several more will be here in a few days, when about all of our retailers will be equipped.

A trolley car struck a wagon belonging to Miss E. B. Maxwell, Wilkinsburg, Pa., and the driver was quite seriously injured. The young man who took his place was also injured the following day by falling out of the wagon.

Mrs. Jacob Elicker, Homestead, Pa., has been confined to bed for several weeks and is still quite ill.

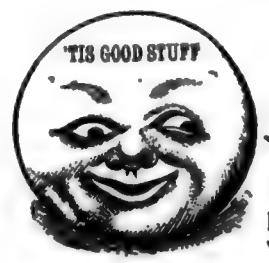
Hoo-Hoo.

Appleton, Wis.—Boelter & Zuehlke, of the Riverside Greenhouses, devoted more space than usual to chrysanthemums this year, on account of the increasing demand for these flowers. The firm had an especially fine and complete display of the mums for Thanksgiving.

Tried All Other Kinds

Have used almost everything on the market. For six years have used The Fumigating Kind Tobacco Powder with such success that I would not use the others, if given to me free of cost.

Frank Knapper,
Yonkers, N. Y.



Not genuine without it.

Don't Like Imitation

I have been using The Fumigating Kind Tobacco Powder for several years. If I do not get it from you direct, I always insist that my seedsmen send me "Stoothoff's." If I get any other kind I am always disappointed. It does the work.

Henry I. Faust,
Merion, Pa.

Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

All *our* bags have our guarantee tag on the bag, reading "Satisfaction or Money Back," and this trade mark

$3.00 per bag 100 lbs.

It costs 15 cts. to thoroughly fumigate a house 100 x 25.

We sell direct to the grower.

The H. A. Stoothoff Co
Mount Vernon, N. Y.

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U-BAR GREENHOUSES

ARE THE IDEAL HOUSES FOR PRIVATE ESTATES, PARKS, INSTITUTIONS AND FLORISTS' SHOWROOMS.

PIERSON U-BAR COMPANY
1 MADISON AVE. NEW YORK

Daylite Glass Cleaner

Will Not Injure Paint or Putty

25 gals. or more..... $0.70 per gal.
5 to 25 gals..... .80 per gal.
Less than 5 gals..... 1.00 per gal.



QUICK—POWERFUL

Leaves No Greasy Surface

ANDERSEN SPECIALTY COMPANY, 4648 Calumet Ave., Phone Oak 845. **CHICAGO**

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THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine
FOR SPRAYING

FUMIGATING PAPER
FOR BURNING

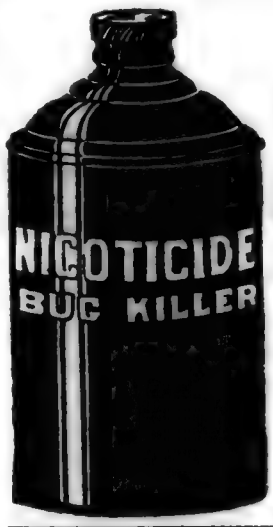
Fumigating Powder
FOR SLOW BURNING

DUSTING POWDER
FOR VEGETABLE GROWERS

You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT
76-78 Wabash Ave. CHICAGO.

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THE BEST Bug Killer and Bloom Saver

Drop us a line and We will prove it

P. R. PALETHORPE CO.
Dept. A
Owensboro, Ky.

GOOD'S Caustic Potash Whale Oil **SOAP No. 3**

is the spray that kills San Jose Scale, White Fly, Bugs, Worms, Lice and all other tree and plant parasites. Endorsed by

U. S. Department of Agriculture

Contains nothing injurious to plant life, but fertilizes and assists healthy growth. 50 lbs., $2.50; 100 lbs., $4 50. Larger quantities proportionately less. Booklet free.

JAMES GOOD, Original Maker,
965 N. Front Street, Philadelphia

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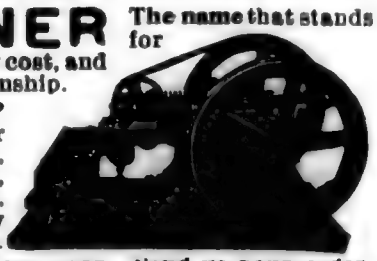
KILMDEAD

The best of all the tobacco dusts for Dusting or Fumigating

25 lbs., $1.00 50 lbs., 1.75 100 lbs., $ 3.00 500 lbs., 14.00 1000 lbs., $27.00 2000 lbs., 53.50

Stumpp & Walter Co 50 Barclay St., New York.

STEINER The name that stands for big power at low cost, and perfect workmanship.



How is this? A 2½-H. P. air cooled engine, set on skids, wired and piped, complete, ready to run for $81.88.

Guaranteed for one year. Send us your order.
M. STEINER & CO., 242 Torrence St., DAYTON, O.

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Peerless Sulphur Blower

"A great improvement over the bellows."

Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

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Dried, screened and packed in bags of 100 lbs. each.

PULVERIZED SHEEP MANURE
PURE - UNIFORM - RELIABLE

A strong and quick acting manure, highly recommended for carnations and chrysanthemums.

SHREDDED CATTLE MANURE
Easy to Handle and Apply

Stronger and better in every way than rough manure. Lasts much longer on the benches. Unequaled for mulching and feeding roses, liquid manuring and mixing with bench and potting soil. Used by all the largest growers.

Ask your supply man or write us for circulars and prices.

...THE...

Pulverized Manure Co.

33 Union Stock Yards

CHICAGO

FOR SALE

GLASS New American natural gas made, 8x10, 10x12 and 10x15 B double at $1.85 per box. 8x10 and 10x12 B single at $1.55 per box. 12x14 to 12x20. 14x16 to 14x20 B double at $1.92 per box. 16x16 and 16x18 B double at $2.06 per box. 12x24 B double at $2.08 per box. 16x20, 16x22 and 16x24 B double at $2.19 per box.

PECKY CYPRESS Best bench board known. $23.00 per 1000.

PIPE Good, serviceable second-hand, with good threads and a coupling with each length; no junk. 1-in., 3c; 1¼-in., 4½c; 1½-in., 5c; 2-in., 6¾c; 2½-in., 10½c; 3-in., 14c; 4-in., 19c. New 2-in. standard black, 8½c; old 4-in. greenhouse pipe, 14c per ft.; 4-in. boiler tubes, 7c per ft. All kinds of fittings for 4-in. cast iron. All sizes new, black and galvanized wrought iron pipe carried in stock. Pipe cut to sketch.

BOILERS One new Ideal sectional boiler, will heat 4200 sq. ft. of glass; price, $130.00. We always carry a large stock of new and second hand, round or sectional, hot water or steam boilers. Write for special prices. We have the largest stock of boilers, round and sectional, new and second-hand, hot water and steam, in New York or Brooklyn.

PIPE-FITTING TOOLS New and old. Large stock always on hand.

GARDEN HOSE In lengths up to 500 ft., with couplings, 50-ft. lengths carried in stock. ¾-in., 3-ply, guaranteed 100 lbs. pressure, 8½c; 4-ply, guaranteed 150 lbs. pressure, 9c; 4-ply, guaranteed 250 lbs. pressure, 12½c.

METROPOLITAN MATERIAL CO.
Greenhouse Wreckers

1894-1404 Metropolitan Ave., Brooklyn, N. Y.

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Florists' Review

When Writing Advertisers

A Catalogue Worth Having

Our new Boiler Catalogue is a valuable book to any florist, large or small, and everybody who has a greenhouse ought to have one of them by all means. This catalogue tells you all you want to know about greenhouse heating and tells it in a simple manner, so that everything is easily understood.

One of our large customers wrote for six copies to give to his men—he said it would make them valuable employees.

Sent free to any florist on request.
Get our Greenhouse Catalogue too.

JOHN C. MONINGER CO.
904 Blackhawk Street **Chicago**

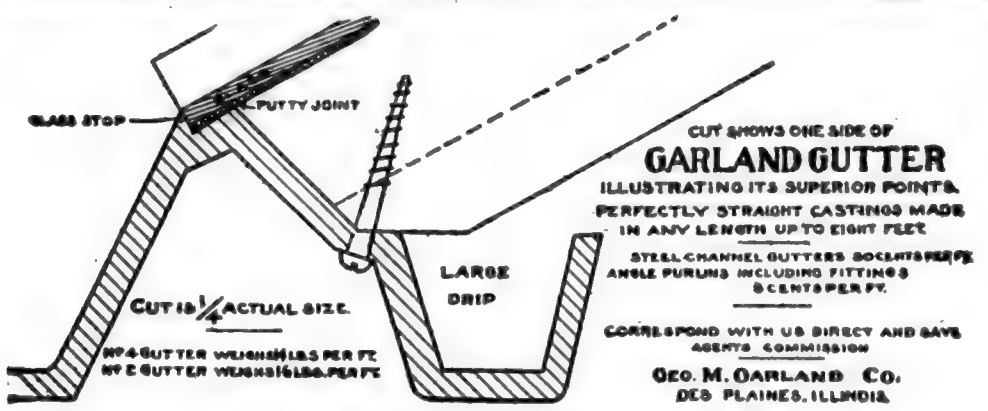
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For 48 years we have supplied only the best in

Red Cypress Greenhouse Material
AND
Hotbed Sash

THE ALFRED STRUCK COMPANY INCORPORATED.
LOUISVILLE, KENTUCKY



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Florists' Refrigerators

Write us for catalogue and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.

McCray Refrigerator Co.
861 Mill Street, KENDALLVILLE, IND.

Mention The Review when you write.

THE GRANITE STATE MOWING MACHINE CO.
HINSDALE, N. H., U. S. A.

Manufacturers of Granite State Lawn and Field Mowers, Capitol Trimmers and Specialties for Garden and Cemetery use.

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THE REGAN PRINTING HOUSE
LARGE RUNS OF

Catalogues

Our Specialty
Get our figure

83-91 Plymouth Place, CHICAGO



Self-tying Rose Stakes
Adam Heim & Son Support and Rose Stake Co.
CONNERSVILLE, IND.
Write for prices.

Mention The Review when you write.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** at latest, instead of Wednesday morning, as many have done in the past.

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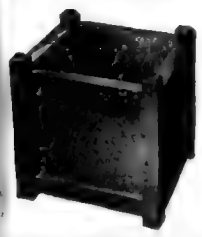
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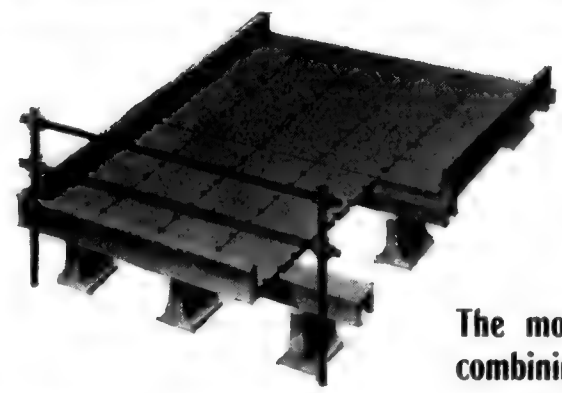


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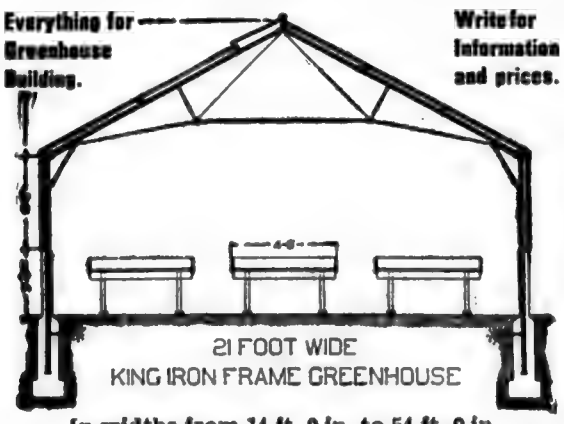
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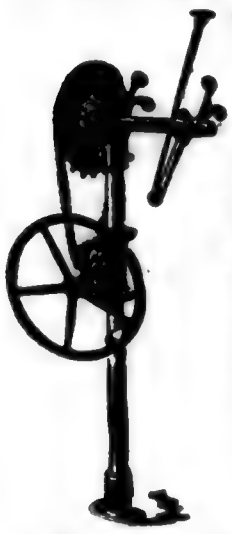
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FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, DECEMBER 9, 1909. No. 628.

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30-inch stem			9.00
24-inch stem			8.00
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18-inch stem			5.00
15-inch stem			4.00
12-inch stem			3.00
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			Per 100
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	Medium	10.00 to	12.00
	Short	6.00 to	8.00
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	Medium	6.00 to	10.00
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4-inch pots.....$20 per 100
6-inch pots.....$6 and $9 per doz.
Larger plants at $12, $15 and $30 per doz.

NEPHROLEPIS SCOTTII.

The best lot of this variety we have ever offered.

6-inch pots.....$6 and $9 per doz.
8-inch pans.....$12 per doz.
10-inch pans.....$18 and $24 per doz.

NEPHROLEPIS BOSTONIENSIS.

8-inch pots.....$12 per doz.
10-inch pans.....$18 and $24 per doz.
11-inch tubs.....$3.50 and $4 each

ASPARAGUS PLUMOSUS.

2¼-inch pots.....$4 per 100, $35 per 1000

DRACAENA MASSANGEANA.

This handsome plant is the best of all Dracaenas for the house.

6-inch pots, well colored.....$15 and $18 per doz.

DRACAENA FRAGRANS.

6-inch pots, strong plants.....$6 and $9 per doz.

DRACAENA TERMINALIS.

3-inch pots.....$15 and $20 per 100
4-inch pots.....$25 per 100

DRACAENA LORD WOLSELEY.

4-inch and 5-inch pots.....at $6 and $9 per doz.

ARECA LUTESCENS.

5-inch pots.....$6 and $7.50 per doz.
6-inch pots, very heavy.....$15 and $18 per doz.
7-inch pots, very heavy.....$24 per doz.

PANDANUS PACIFICA.

6-inch pots.....$12 per doz.
7-inch pots.....$18 per doz.

PANDANUS VEITCHII.

Well colored and just the plant for basket work,
2½-inch pots.....$25 per 100

BOXWOOD PYRAMIDS.

3½ to 4½ feet high, well shaped, in tubs, at $3.50, $4 and $4.50 each

PHOENIX ROEBELENII.

This is a most satisfactory plant; it is as durable as a Kentia and as graceful as a Cocos.

4½-inch pots, well characterized.....$9 and $12 per doz.

GARDENIA VEITCHII.

5-inch pots.....$35 per 100

Our arrangements for careful packing and shipping are perfect.
It will help us, and you, if we have your Christmas order early.

ROBERT CRAIG COMPANY

4900 Market Street, **Branch, Norwood, Pa.** **PHILADELPHIA, PA.**

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

Christmas **Cut Flowers** **Christmas**

We Are Ready to Book Your Orders for Christmas

Don't wait until the last days. You will need as much or more than last year. Get your Cut Flower order placed, and off your mind. We will take care of your orders and see that they are properly executed on time.

Don't forget to include Stevia, Valley, Narcissus, Mignonette, Lilies, and Green Goods, all essential for Christmas boxes.

Our Medium and Short Roses are good value, and good quality.

In effect December 19, 1909 **CHRISTMAS PRICE LIST** Subject to change without notice

AMERICAN BEAUTIES	Per doz.
36-inch	$12.00
30-inch	9.00
24-inch	8.00
20-inch	6.00
18-inch	5.00
15-inch	4.00
12-inch	3.00
Short stem	$1.00, $1.50, 2.00

Roses		Per 100
CARDINAL, extra long	$5.00 to	6.00
Long		4.00
Medium		3.00
Short		2.00
		Per 100
MAID and BRIDE, select		$15.00
Long		12.00
Medium	$ 8.00 to	10.00
RICHMOND, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00
KILLARNEY, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00
MY MARYLAND, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00
WHITE KILLARNEY, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00

Roses	Per 100
PERLE, select, long	$12.00 to $15.00
Medium	8.00 to 10.00
GOOD SHORT STEM ROSES	
Our selection	6.00

Our Extra special grade of Beauties and Roses charged accordingly.

	Per 100
CARNATIONS, extra fancy	$ 8.00
" first quality	6.00
" splits	4.00
ORCHIDS, Cattleyas	per doz., $12.00
POINSETTIAS	per doz., $3.00 to 5.00
HARRISII	15.00
NARCISSUS PAPER WHITE	$3.00 to 4.00
ROMANS	3.00 to 4.00
VALLEY	4.00 to 5.00
VIOLETS	1.50 to 2.50
MIGNONETTE, large spikes	6.00 to 8.00
STEVIA	1.50 to 2.00
ADIANTUM	1.00 to 1.50
ADIANTUM CROWEANUM, fancy	2.00
SMILAX	per doz., $2.00
SPRENGERI, PLUMOSUS SPRAYS	3.00 to 4.00
PLUMOSUS STRINGS	each, 60c
FERNS	per 1000, $2.00
GALAX	" 1.00
LEUCOTHOE	.75
CHRYSANTHEMUM MERRY XMAS per doz	$2.00 to $3.00
BOXWOOD	35c bunch; case, 50 lbs., 7.50
RED WINTER BERRIES	per case, 3.00

WIETOR BROS.

Wabash Ave., CHICAGO

WHOLESALE GROWERS OF

Cut Flowers

WE ARE IN FULL CROP

For Christmas

Large Supplies of Beauty, Killarney, Richmond, Jardine
White Killarney, Bride, Maid, Uncle John, Perle.....

We have all the Standard and Best New **CARNATIONS** and can supply the best grade in quantity

.....Christmas Price List.....

AMERICAN BEAUTY—	Per doz.
Extra long stems	$12.00
36-inch stems	10.00
30-inch stems	9.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	4.00
15-inch stems	3.00
12-inch stems	2.00
8-inch stems	1.50

	Per 100
Bride, fancy	$15.00
" good	$ 8.00 to 12.00
Bridesmaid, fancy	15.00
" good	8.00 to 12.00
Killarney, extra fancy	20.00 to 25.00
" fancy	15.00
" good	8.00 to 12.00
White Killarney, fancy	20.00
" " good	8.00 to 15.00
Mrs. Jardine, extra fancy	$20.00 to $25.00
" fancy	15.00
" good	8.00 to 12.00
Richmond, extra fancy	20.00 to 25.00
" fancy	15.00
" good	8.00 to 12.00
Uncle John, fancy	15.00
" good	8.00 to 12.00
Perle	10.00 to 15.00
ROSES, Our Selection	**6.00**
CARNATIONS, fancy red	8.00
" extra fancy Enchantress	7.00
" extra fancy white	6.00
" good	4.00 to 5.00
VALLEY	4.00 to 5.00
ADIANTUM	1.00
SPRENGERI per bunch,	$0.50 to $0.75
FERNS per 1000,	2.00
GALAX "	1.00 to 1.50

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice

1875--1909

H. KENNEY

88 Rochester Ave.

Brooklyn, N. Y.



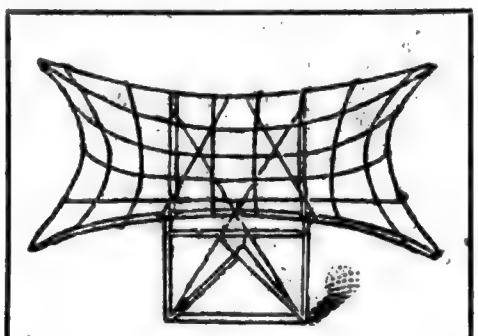
Dec. 9, 1909.

Dear Sir:

Once more we send you our Christmas greetings.

Since we opened our immense new factory we have been overwhelmed with orders from every state in the Union. Our double page advt. in the Review ast August did the business. Everybody sent for our special price list, and nearly everybody has sent us regular or trial orders. Prices, as you know, are the lowest in the trade, while quality and value are at the top. Send for special price list, free! Write for it now.

Satisfaction guaranteed.







SINGLE WIRE RINGS

FOR HOLLY

100	10-inch	$0.50
"	12-inch	.50
"	14-inch	.50
"	16-inch	.75
"	18-inch	1.00
"	20-inch	1.25
"	22-inch	1.50
"	24-inch	2.00

EASELS

18-in.	per doz.	$0.50	28 in.	per doz	$1.00
20-in.	"	.60	30-in.	"	1.20
22-in.	"	.60	33-in.	"	1.50
24-in.	"	.75	36 in.	"	1.50
26-in.	"	1.00			

Flat Wreaths, 16 to 20 in	at	$0.05
Standing wreaths, 16 and 18 in	at	.15
Flat Crosses, 16 to 24 in	at	.05
Standing Crosses, 24 in	at	.15
Standing Crosses, 36 in	at	.25
Folding Pillows, 18 to 22 in	at	.10

Also Stands at 60c up, per doz. These stands are made so that florists can stand their own designs.

Shipping directions and cash, please, with order, to insure immediate delivery

H. KENNEY

88 Rochester Ave., BROOKLYN, N. Y.

BLOOMING PLANTS

For Nebraska, Kansas, Texas and All Points West

The West now requires good stock, but it also produces it.

DENVER IS THE PLACE TO BUY YOUR CHRISTMAS PLANTS

Compare our prices and our express rates with your present source of supply and then do a little figuring. Express rates on plants from Denver are, to Omaha, Hastings, Lincoln, Kansas City and Wichita, $2.80; Oklahoma City and Fort Worth, $3.60; Dallas, $4.00; Galveston, $5.20; Salt Lake, $3.20; Butte, $4.80; Boise, $6.00. Is there a chance for you to save something on this item? We are sure our prices are money savers.

Cyclamen. **4, 5, 6 and 7-inch. 30c, 40c, 60c and $1.25.**

The foliage on all of these is grand, mostly variegated. The 4-inch show one or more open flowers and a mass of buds. The larger sizes are nicely in bloom and we are certain no finer lot were ever offered for sale by any one in this country. Pretty strong talk, but we mean just that.

Lorraine Begonias. **4, 5, 6 and 7-inch. 35c, 50, 75c and $1.00.**

These are away ahead of the average commercial offerings and are decided bargains at the prices quoted. They are coming nicely into bloom at a temperature of 52 degrees, nights, and that means well hardened stock that will give your customers good service.

Poinsettias. **5 and 6-inch. 50c and 75c.**

Foliage good, bracts of medium size and color grand.

Primula Obconica. **4, 5 and 6-inch. 15c, 25c and 40c.**

These are just coming into bloom and will be fine for Christmas. The most durable blooming plant you can offer to your customers.

Boston Ferns. **5, 6 and 7-inch. 40c, 60c and $1.00.**

Whitmani Ferns. **5 and 6-inch. 50c and 75c.**

Ferns are all first-class, pot-grown stock.

In answer to inquiries made after Christmas a year ago we received but one complaint. One Texas man said: "Plants arrived in perfect condition. Azaleas and Cyclamen as fine a lot as I ever received and not bruised in shipping." New Mexico reported: "Stock we received and prices, plus transportation, compared very favorably with shipments from other cities. Large Cyclamen were especially fine. Wish all growers would pack as well." This is from Kansas: "Plants compared favorably with any others we ever bought."

Prices quoted above are for cash with order, unless you have already made definite arrangements with us for credit.

It is not sufficient to name references and ask us to ship immediately, for we want time to investigate. Send cash with your first order and give your references. We can then be ready to decide as to credit when you are ready to order again.

Goods will be shipped C. O. D. if desired when one-half cash is sent with the order.

We have until now relied exclusively upon correspondence to sell our goods and this advertisement is run as an experiment.

It will only appear this once, as we expect it to sell us out clean, so if you want any of these plants you had

BETTER ORDER AT ONCE

THE PARK FLORAL COMPANY

1706 Broadway, (J. A. Valentine, Pres.) **Denver, Colo.**

Dreer's Decorative Plants for the Holidays

Clean, Vigorous Stock of Good Color and Full Value.



PHOENIX ROEBELENII.

PALMS

Areca Lutescens

	Per doz.	100
4-in. pots, 3 plants in a pot, 15 to 18 in. high	$3.50	$25.00
6-in. pots, 3 plants in a pot, 26 to 28 in. high	1.00 each	
7-in. pots, 3 plants in a pot, 36 in. high	2.00 each	

Areca Verschaffeltii

A grand lot of this beautiful Palm, a variety but seldom offered in quantity. Fine, strong plants.

	Each
6-in. pots	$1.50
7-in. pots	2.50

Cocos Flexuosa

We offer a limited number of larger plants of Cocos Flexuosa as follows:

	Each
7-in. tubs, 3 to 4 leaves, 6 ft. high	$ 5.00
8-in. tubs, 3 to 4 leaves, 7 to 8 ft. high	10.00

Cocos Weddelliana

We have nearly an acre of this most graceful palm in fine condition.

5-in. pots, 24 in. high	$1 00 each
7-in. pots, 30 in. high	2.50 each

Kentia Forsteriana

	Per doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 in. high	$ 2.00	$15.00	$140.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high	5.00	40.00	
6-in. pots, 6 leaves, 28 to 30 in. high	1.00 each		
6-in. pots, 6 leaves, 34 to 36 in. high	1.50 each		
7-in. pots 6 to 7 leaves, 36 to 40 in. high	2.50 each		
7-in. tubs, 6 to 7 leaves, 42 to 46 in. high	4.00 each		
8-in. tubs, 6 to 7 leaves, 48 to 50 in. high	5.00 each		
9-in. tubs, 6 to 7 leaves, 5 ft. high	8.00 each		
10-in. tubs, 6 to 7 leaves, 5½ ft. high	10.00 each		
11-in. tubs, 6 to 7 leaves, 7 to 7½ ft. high	15.00 each		

Kentia Forsteriana—Made-up Plants

	Each
6-in. pots, 3 plants in a pot, 24 in. high	$ 1.00
7-in. tubs, 3 plants in a tub, 35 in. high	2.50
7-in. tubs, 3 plants in a tub, 38 in. high	3 00
8-in. tubs, 3 plants in a tub, 40 to 42 in. high	4.00
8-in. tubs, 3 plants in a tub, 42 to 45 in. high	5.00
8-in. tubs, 3 plants in a tub, 48 in. high	6.00
9-in. tubs, 3 plants in a tub, 4½ to 5 ft. high	8.00
10-in. tubs, 3 plants in a tub, 5 ft. high	10.00
12-in. tubs, 3 plants in a tub, 6 ft. high	15.00
14-in. tubs, 4 plants in a tub, 7 to 8 ft. high	20.00

Kentia Belmoreana

	Per doz.	100	1000
2½-in. pots, 4 leaves, 8 to 10 in. high	$1.50	$10.00	$ 90.00
3-in. pots, 5 leaves, 12 in. high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves, 12 to 15 in. high	4.50	35.00	
6-in. pots, 6 to 7 leaves, 26 to 28 in. high	1.50 each		
7-in. pots, 6 to 7 leaves, 34 to 36 in. high	2 50 each		
8-in. pots, 6 to 7 leaves, 42 to 44 in. high	5.00 each		

Kentia Sanderiana

This is a very graceful, hardy Palm, of fine decorative appearance, which should prove a popular variety. We offer fine, bushy made-up plants.

5-in. pots, 20 to 24 inches high ..... $1.00 each

Livistona Rotundifolia

We offer a fine lot of this desirable miniature Fan Palm.

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots	2.00	15.00
4-in pots	3.50	25.00

Phoenix Roebelenii

This is unquestionably one of the great Palms of the future, combining the grace of a Cocos Weddelliana with the hardiness of a Kentia; it will prove an invaluable plant for the house. We have a grand stock and offer:

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots, nicely characterized	3.50	25.00
4-in. pots, nicely characterized	each	.60
5-in. pots, splendid plants	each	1.25
6-in. pots, fine specimens	each	3.00

Phoenix Canariensis

A splendid lot of thrifty plants.	Each
7-in. tubs, 36 to 38 in. high	$2.50
8-in. tubs, 42 to 45 in. high	3.50
10-in. tubs, 48 to 50 in. high	5.00
11-in. tubs, 50 to 54 in. high	6.00

Phoenix Rupicola

	Each
Good 6-in. pots	$1.50
Good 8-in. tubs	2.50

Rhapis Flabelliformis

	Each
7-in. pots, 3 to 4 stems, 24 in. high	$2.50
7-in. pots, 4 stems, 26 to 28 in. high	3.00

FERNS

Nephrolepis Scholzeli—The Crested Scottii Fern

5-in. pans	each $0.50
6-in. pots	each .75
8-in. pans	each 1.50

Nephrolepis Scottii

	Each
6-in. pots	$0.50

Adiantum Farleyense

The best stock we have ever offered of this fine Maidenhair.

	Per doz.	100
3-in. pots	$3.50	$25.00
4-in. pots	5.00	40.00
5-in. pots	each	.75
6-in. pots	each	1.00

Pteris Wilsoni

This is the most decorative of all the Pteris, a handsomely crested form which is just as useful as a specimen plant as any variety of Nephrolepis, and in a small size a most desirable variety for fern dishes.

2¼-in. pots	$3.50 per 100
6-in. pans	35c. each

Mixed Ferns for Dishes

We can supply all the leading varieties for filling Fern Dishes in good, sturdy plants from 2¼-in. pots, $3 50 per 100; $30.00 per 1000. 3-in. pots, $6.00 per 100.

Adiantum Cuneatum

	Per 100
3-in. pots	$ 6.00
4-in. pots	10.00

MISCELLANEOUS PLANTS

Aralia Veitchii Gracillima

	Each
Nice plants in 4-in. pots, 10 to 12 in. high	$0.75

Aspidistra Lurida

	Each
5-in. pots, 6 to 8 leaves	$0.50
6-in. pots, 8 to 10 leaves	.75

Aucuba Japonica

	Each	Per doz.
Bushy plants, 12 to 15 in. high	$0.30	$3.00
Bushy plants, 18 to 20 in. high	.40	4.50
Bushy plants, 24 in. high	.60	7.00
Bushy plants, 28 to 30 in. high	.75	8.00
Heavy specimens, 8 ft. high	each	2.50

Biota Aurea

A splendid golden evergreen for decorative work in cool halls or for use in filling window boxes, bushy, shapely plants, 15 to 18 in. high, 50c each.

Dracaena Massangeana and Lindeni

	Each
Good plants in 4-in. pots	$0.50

Euonymus—Silver Leaved

This is the plant you need to put the finish to Christmas baskets and hampers. It has beautifully creamy white and green variegated foliage, which harmonizes with all other flowering and foliage plants and is of graceful appearance. You will not regret giving it a trial. 5-in. pots, 10 to 12 in. high, 30c each; 6-in. pots, 18 to 24 in. high, 75c each.

Ficus Pandurata

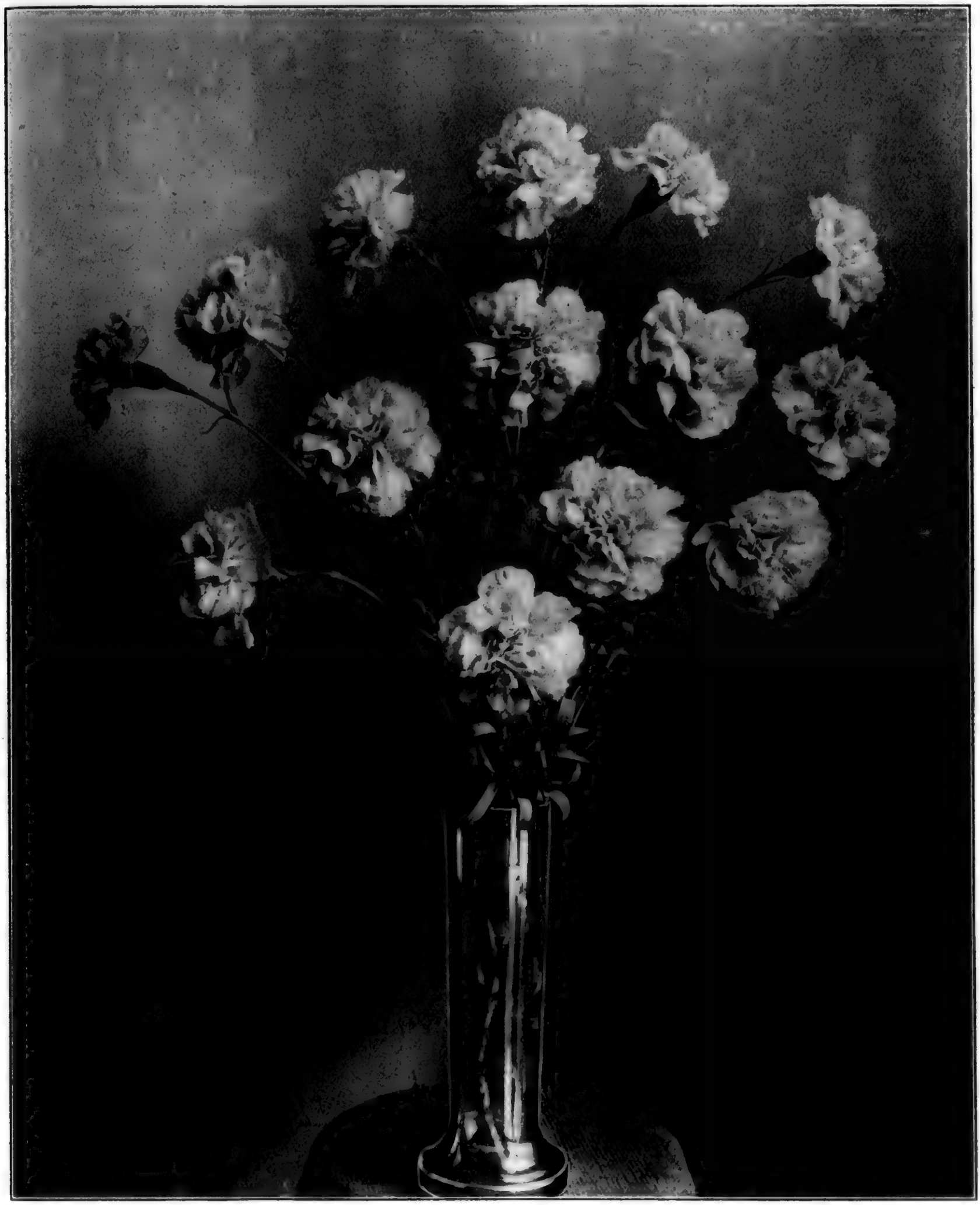
	Each
Good 6-in. pots, 18 to 24 in. high	$2.00

Pandanus Veitchii

	Each
A splendid lot of well colored plants in 6-in. pots	$1.00

Bay Trees, Boxwoods, Pyramids and Standards in all sizes.

HENRY A. DREER, 714 Chestnut St., Philadelphia



Admiration

This Carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10. As a money maker you will find no equal. The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright, with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal Carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties

Chas. Knopf Floral Co., Richmond, Ind.

CHRISTMAS FLOWERS

BUY direct of the grower and get fresh stock. We grow all the flowers we sell and guarantee all stock shipped by us to be strictly fresh. **No Pickled Stock.** We have a national reputation for choice stock and careful packing. Prices are slowly advancing.

We also call attention to the BASSETT ROOTED CARNATION CUTTINGS, now ready for delivery. Price, $6.00 per 100; $50.00 per 1000.

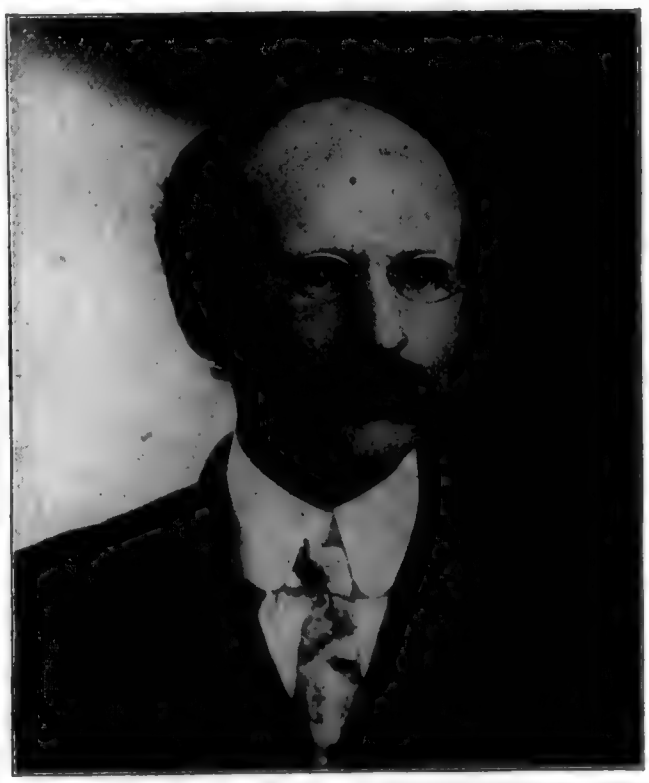
Young grafted Rose plants, WHITE KILLARNEY and MY MARYLAND, in 2½-inch pots, $12.00 per 100.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO

Special Christmas Offer

Southern Decorative EVERGREENS



CALDWELL THE WOODSMAN
The man who gave you the Wild Smilax

CURRENT PRICES
SOUTHERN WILD SMILAX

Packed in six different sizes.

No. 1, weight 15 lbs., covers 100 sq. ft. wall space	$1.00
No. 2, weight 20 lbs., covers 200 sq. ft. wall space	1.50
No. 3, weight 25 lbs., covers 300 sq. ft. wall space	1.75
No. 4, weight 35 lbs., covers 400 sq. ft. wall space	2.00
No. 5, weight 40 lbs., covers 500 sq. ft. wall space	2.25
No. 6, weight 50 lbs., covers 600 sq. ft. wall space	2.50

We Offer

1 case No. 6 Southern Smilax.
1 case No. 6 Magnolia Foliage.
1 doz. Chamaerops Palm Crowns, assorted sizes.
25 Long Needle Pines, assorted sizes, extra selected.
50 Cut Sabal Palm Leaves.
50 Cut Chamaerops Palm Leaves.

For $10.00
Cash with order.

Half the above list will be sent for $6.00.

Magnolia Foliage

Beautiful evergreen, fine for making wreaths that sell well at Xmas, and for decorating. Packed in same size cases as Wild Smilax, containing from 100 to 600 sprays. Same price per case.

Long Needle Pines

Splendid selling for church and house decorations at Christmas season. Stand lots of handling; will not wilt, fade or shop wear easily; selected stock; ends of stems covered with tinfoil. Price per doz., assorted sizes, 3 to 5 feet, $1.50; per 100, $8.00; per 1000, $75.00.

Chamaerops Palm Crowns

Invaluable for all kinds of decorations and always in demand. Our stock is extra fine, and we can supply mammoth specimens up to 10 feet high. Price per doz., assorted sizes, 3 to 6 feet, $3.00; weight per doz., packed, 40 lbs. Extra large specimens, 7 to 10 feet, 50c to $1.00 each.

Chamaerops Palm Leaves

We are cutting extra large long-stemmed leaves, the finest we have had in years. Price, $2.50 per 100.

Sabal Palm Leaves

Ranging in size from 24 to 48 inches in width, stems 2 to 3 feet long, $2.50 per 100. Weight, 40 lbs.

Mistletoe

Mistletoe is in greater demand every year. Ours is the finest on the market.

Caldwell's Druid Brand. Quality, not quantity. Price, 5 lbs., $2.00; 10 lbs., $3.00; 25 lbs., $7.00.

Holly Holly Holly

Same size cases as Wild Smilax.
Same prices.

Sheet Moss, $1.00 per bale of 100 square ft.
Gray Moss, $3.00 per sack of 25 lbs.

Caldwell The Woodsman Co.

EVERGREEN, ALA. (Incorporated)

Send for my catalogue "The Story of the Southern Evergreens," an entrancing tale that will hold your attention from cover to cover.



DO IT NOW

All the Trade buyers are looking forward to the arrival of the

Special Christmas Number

THE WEEKLY FLORISTS' REVIEW

Out December 16

If you want to talk to this great audience of Florists, you must send your advertisement at once. No new advertisements or changes of advertisement can be accepted after 5 p. m., Tuesday, December 14.

FLORISTS' PUBLISHING CO., 530-560 Caxton Building, 334 Dearborn Street, **CHICAGO**

U KNOW US! LET'S KNOW U!

SPECIAL CHIFFON OFFER

We wish to reduce our fine lot of **CHIFFONS** and now offer the following at exceedingly low prices:

Four-inch Chiffon ..... **$0.02¼ per yard**
Six-inch Chiffon ..... **.03¼ per yard**
Ten-inch Chiffon ..... **.06¼ per yard**

This offer holds good until December 20th and is subject to being unsold on receipt of order (remember Rice's standard orders are filled in rotation).

We believe these **CHIFFONS** are unusual value and advise our florist friends to take advantage of the opportunity.

Ribbon Specialists
The Leading Florists' Supply House
Importers—Manufacturers—Originators

M. RICE & CO.
1220 Race St.
PHILADELPHIA, PA.



Holiday Ribbons-Quick Delivery

Holly Berry and **Poinsettia** designs, **fancy weaves** in **Red** and **Green.** Various widths, plain **holly red** and **holly green** for wreath and plant trimming, box tying and other purposes.

All at Popular Prices.

Write or wire for samples.



Wertheimer Bros.
The National Floral Ribbon House
550 Broadway, NEW YORK CITY



John W. Merritt
FLORISTS' SUPPLIES.
Chiffons, Ribbons, Violet Cords, Doves, Artificial Roses and Leaves a Specialty.
384 Jay Street, BROOKLYN, N. Y.

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Chiffons, Ribbons, Silk Cords, Violet Ties, Brass and Silver Fern Dishes and Jardinieres
A Full Line of Florists' Supplies
105 Canal St., SYRACUSE, N. Y.

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Pekin Striped Netting The kind that will not crumple
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All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

COMMON SENSE IN DESIGNING.

A Use for the Loose Style.

Common sense must be used in our making up. We need all the looseness that is necessary to give a careless grace, but none of the looseness that looks like slovenly work. Effective looseness demands not only room, but judicious use of the flowers.

The difference in designs must be respected; we should keep within their general outlines, and although they are artificial, they can be made the setting of the natural gem itself, which is a flower or foliage.

In such pieces as the sickle or the Odd Fellows' three links, one must be satisfied with pleasing effects in color, as the blending of several shades, the contrast of two or three, or the simple dignity of one, and must not hide the meaning of the design by long stemming.

There is room for loose work with small flowers, such as Romans, valley, violets, daisies, etc., in the average small design, as bits of relief in clusters of two or three of odd lengths among roses, carnations and larger blooms, or as a part of the whole piece. Care must be taken, however, to avoid the top-heavy look in standing pieces, caused by filling the upper part with the heavier lilies, mums or roses.

Sprays should be loose, but well made, so as not to fall apart. Often a customer wishes to spend, say, less than $5 and would like a piece. Unless he seems to have a decided preference for the piece, you may without much effort persuade him to have a spray instead. This, ... you have something with fair stems on hand, will give a better show for the money than the piece will, while if you have short stuff only, it would be better to put it into the design.

Misuse of the Loose Style.

It is unfortunate that the so-called loose style has been, and is still, so much used merely to satisfy a demand for large, showy pieces at a low price. Anyone having no real love for the work is constantly keeping down the standard of floral designing. Money should be one among other considerations and not the only thought; then there would be a well established trade among a loyal and increasing number of flower lovers, instead of bitter competition, cut prices and too often insolvency.

If you are not sending attractive work from your place of business, it would pay you to learn the art, or to hire someone that has the ability to make up things that make people ask where they came from. Sometimes it seems as though it would be a good thing to have a school for florists' designing, where the trade could be thoroughly studied, and where natural taste could be guided and developed in those who would take up the profession. There are undoubtedly hundreds of overworked men and women who would be really better off in every way if they would spend most of their time in managing their business, instead of attempting the unhappy combination of managing and making up, when the latter could be better done by an able designer. Then some of the designers might be willing to spend a few weeks at different places for the sake of wider experience and travel, giving others a chance to learn or to take a needed vacation. However, there is a great abundance of good help in our trade discussions. The photographer is another excellent help for the designer.

VIOLET SYLVESTER.

NOVELTIES IN POTTERY.

In the better grade of flower stores there has been a constant development of the business through the use of novelties in pottery and similar articles in conection with cut flowers and plants. In the leading stores this feature has been worked up to the point where a number maintain special, richly appointed rooms for the display of articles of pottery, glassware, brass, baskets, pot covers, window-boxes and similar requisites. Wherever a line of these articles has been attractively shown it has been found that they aided the sale of plants and cut flowers and at the same time afforded the florist a profit equal to his usual margin on the regular stock.

The accompanying illustration serves to give an idea of the character of one of the better grade of novelties and is from a photograph made in the display room at C. A. Samuelson's new store in Chicago. It is Copenhagen ware, which he imported direct. The coloring is exquisite, being in an unusual shade of blue. Each of the shapes is out of the ordinary and combines a figure reproducing a living object. Note the lifelike earnestness with which the dog and child are regarding the pinch-bug on the dish in the center. Uncle Sam exacts a duty of sixty per cent on this class of imported pottery, so that it is of necessity that high prices are asked, but the fact that these pieces sell at from $5 to $15 each does not interfere with their sale when shown to the right people.

A SPOKANE STORE.

Eastern florists, as a rule, do not appreciate the extent to which the business has developed in the far northwest, where rich, metropolitan communities have sprung to life these last few years to call for the best that the art of the florist can provide. As pictures often speak louder



Quaint Figures and Rare Coloring Give Distinction to Copenhagen Ware.

than words, the accompanying illustrations will give the untraveled an idea of what is now required in a first-class flower store in the Pacific coast states. This is the new store of the Spokane Florist Co., Spokane, Wash., photographed on the day of its recent opening.

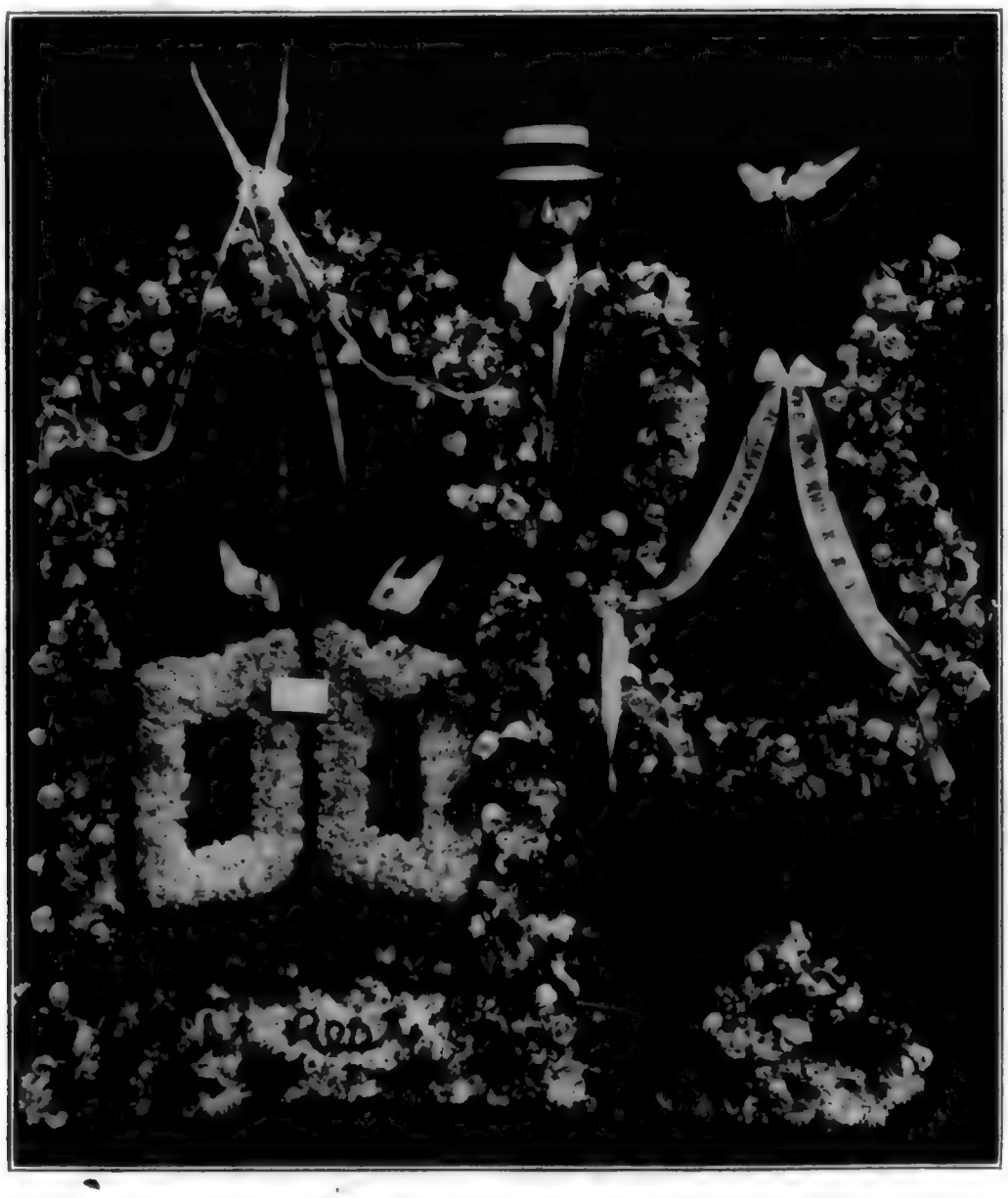
The store is equipped with mirrors on both sides, with a large one in the entrance and in the rear of the window, overhead. On the opening day there were shown a Thanksgiving table, a mantel decoration and a number of specimen designs and basket arrangements, besides vases of fine specimen chrysanthemums, of which the most prominent were Maud Dean, Madonna, Chadwick, Eaton and Golden Wedding. Among the roses most used were Beauties, Kate Moulton and Richmond. The Thanksgiving decoration was done in apples, ears of corn, sprays of wheat, smilax and Eaton mums. Candles and yellow chiffon bows completed the scheme. The mantel decoration was done in the same chrysanthemums, with their long stems in graceful vases. A decorated gilt mirror was especially good. The decoration was a group of three gilded magnolia wreaths hung over one of the upper corners, with a large spray of huckleberry.

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Music was furnished by an orchestra in the balcony. Mr. Kipp was well pleased with the attendance and the results of his efforts.

DOBBS' DESIGNS.

Wm. G. Dobbs, proprietor of the business conducted as Dobbs & Son, Auburn, N. Y., stands in the accompanying illustration showing two of the designs recently turned out in his establishment. These designs are of interest as showing the character of work the average florist in a small city is called on to do time after time, though in this case the size of the pieces was greater than usual.



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SMILAX AND PLUMOSUS.

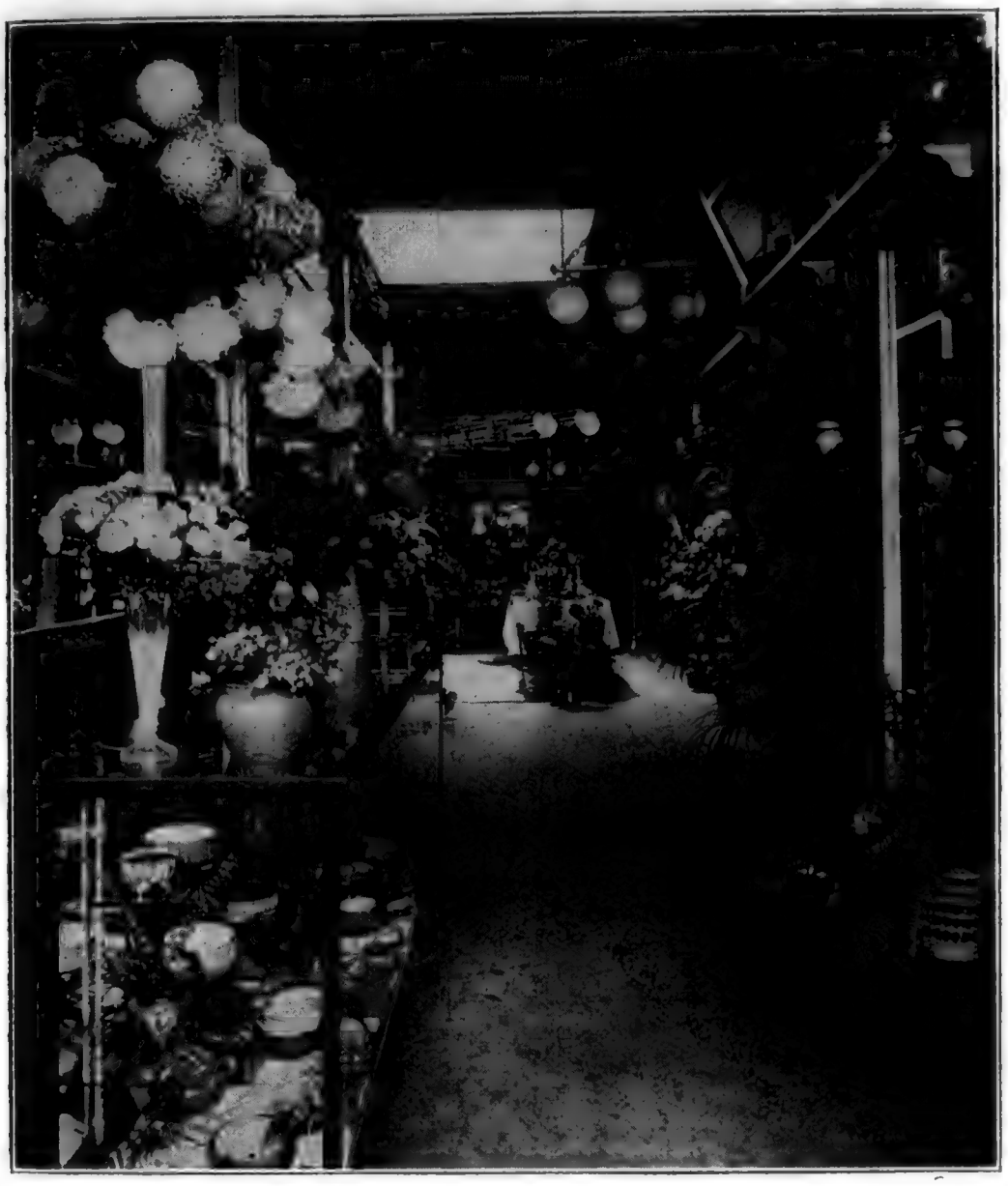
Will you kindly give me some advice on growing smilax and Asparagus plumosus for sprays? When and how should they be started, and when planted to bed or bench? How much manure should be used at planting time, and how much and how often thereafter? What kind of manure or phosphate is preferable? When and how long should the plants have a rest? When should they be syringed, if at all? Do you shade in summer, and if so, what do you use and when do you put it on? Does smilax grow faster if syringed every few days? Any other information you can give me will be thankfully received. B. J. P.

The solid bed system is the one most used for the culture of both smilax and Asparagus plumosus, but with this difference, namely, that many growers prefer to replant smilax each year, or at most to run it for two seasons and then replant, while Asparagus plumosus may be grown for eight or ten years from the one planting, provided the bed is deep enough and the compost rich enough to bear the strain of production for so long a period.

Smilax is grown from seed sown in January or February, shifted on into 3-inch pots as the young plants need it, and planted out about 8x10 inches apart in the bed in July. A temperature of 60 degrees at night is required to keep the plants in growing condition, and the soil should be composed of four parts of good loam to one part of old cow manure. A depth of six to eight inches of this compost is required in the bed.

Thorough syringing should be given to both smilax and asparagus on every bright day, in order to keep down thrips and red spider, and at times it may be necessary to give a dusting with insect powder in order to destroy caterpillars.

Asparagus plants should be good, strong stock from 4-inch pots at the time of planting, and should be planted in a greater depth of soil than the smilax. Some growers make the beds two feet deep and give a liberal coating of manure in the bottom, over the drainage material, the latter being composed of brickbats, cinders or stone. A similar compost to that suggested for smilax will



New Store of the Spokane Florist Co.

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The only rest required for these plants is in the form of less water for a short time after the crop has been cut, the quantity of water to be increased again as the plants push up another growth. Ventilate according to the weather, giving fresh air as frequently and as freely as the temperature will permit.

Shading is required during the summer for both these crops, and a good preparation for the purpose is a mixture of whiting, white lead and kerosene, to be applied with a brush. This preparation stands a good deal of rain, but comes off readily with frost.

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A notable Scottish gardener has passed away in the person of David Thomson, V. M. H. Among the REVIEW'S wide circle of readers there must be many who knew him, and probably some who received part of their early training under his tuition during the period that he acted as head gardener, from 1868 to 1897, to the Duke of Buccleuch at Drumlaurig. Mr. Thomson had been living in retirement since 1897 and died at the age of 86. His only son, D. W. Thomson, is a popular member of the trade in Edinburgh, where he carries on an extensive seed and nursery business. When gardener at Archerfield, East Lothian, prior to going to Drumlaurig, the late David Thomson introduced the now widely known East Lothian stock. For several years he was editor of a Scottish publication entitled The Gardener, and he was the author of several works on gardening. On the occasion of his retirement from Drumlaurig, seventy-six of his old foremen presented him with an illuminated address, enclosed in a silver casket. At various times he was the recipient of the Niell prize, the Veitchian medal and the Victoria medal of honor, and he was generally recognized as a representative gardener of the Victorian era.

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I should like to ask if a hard water containing calcium, iron and other minerals would have a tendency to injure the fronds or the growth of ferns.

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Speaking in general terms, soft water, such as rain water, is preferable for fern growing, but the extent of the injury from hard water would depend largely upon the proportion of mineral matter contained therein. A strongly alkaline water is liable to injure both roots and fronds.

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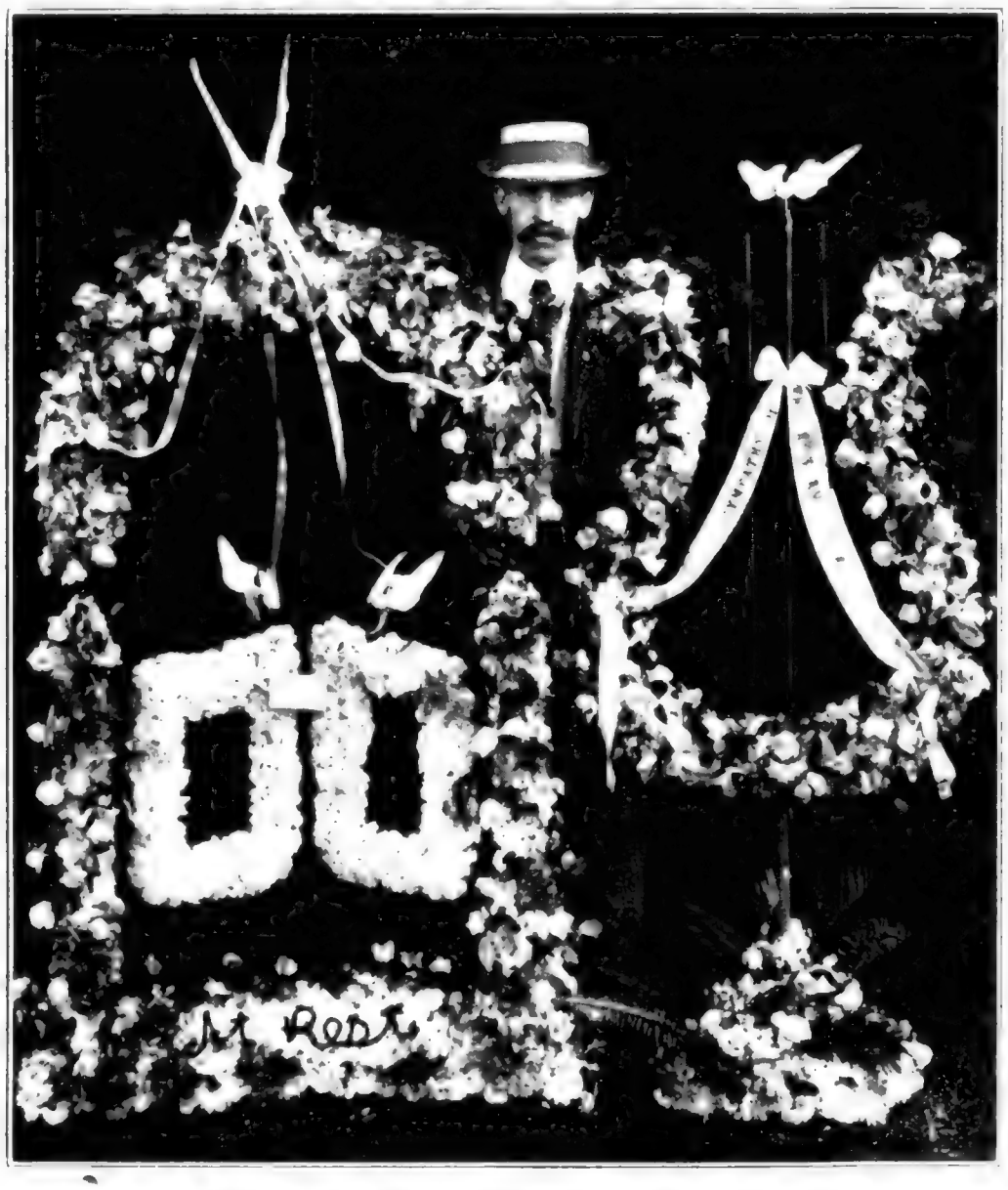
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MILDEW ON ROSES.

Can you help us out of the problem of mildew on roses? We have had mildew constantly for two months. We paint half the hot water feed pipes with sulphur and water three times a week and we have tried the patent mildew machines, with but little effect. We run the night temperature from 55 to 60 degrees, and the day temperature from 75 to 80 degrees. We syringe on all bright days. The varieties are Bride, Maid, Richmond and Chatenay. J. T.

Mildew at this season should not be seen in a greenhouse, as it is easy to keep it from germinating.

No amount of sulphuring will subdue mildew if conditions are maintained which are favorable to the germination of the spores and their subsequent growth. Keep the temperature at 56 to 58 degrees at night, with air on if possible. Keep the atmosphere as dry as can be done with safety to the plants. The minimum day temperature should be 60 degrees; the maximum, 75 degrees. Mix the sulphur with air-slaked lime in the proportion of one part of lime to two of sulphur. Make it of the consistency of paint and apply twice a week.

In addition, use the Peerless sulphur blower once a week. Select a bright day for this and close the ventilators when applying, allowing the temperature to run up to 90 degrees for a short time. Mildew cannot possibly exist under these conditions. Ribes.

OLD RICHMOND ROSE PLANTS.

Will you please tell us the best method of making old Richmond roses, that have been carried over two or three years, break strong canes from the base? Our Richmonds seem to be growing a lot of small top flowers, and are not breaking as they should. A. G. L.

Had this correspondent given some information regarding the treatment his roses have been receiving, with a statement as to whether they are on table or solid benches, I would be in a better position to advise him.

By bending the old branches to a right angle about six inches above the ground and tying them to keep them in place, the dormant eyes at the base of the stem would be encouraged to break. As soon as these break, give the beds a light mulch of rich material, such as one part cow manure and two parts rich loam, or one part pulverized sheep manure and three parts loam, with a sprinkling of bone added in each case.

Give the beds a thorough soaking. Keep the night temperature at 58 degrees, with the day temperature at a minimum of 65 degrees and a maximum of 75 degrees. Feed with liquid manure once a week after the eyes break.

Ribes.

HILL'S NEW ROSE.

The latest American rose to attract attention in Europe is another of the novelties of the E. G. Hill Co. The name is Panama. This novelty is not claimed to be a forcer, but is lauded as an outdoor variety. Last January plants were sent for trial in the Jardin Bagatelle, Paris, where the variety Rhea Reid made so fine a showing when these trials were instituted. Panama was second in the Bagatelle trials of this year, falling only one point behind the variety Arthur Goodwin, in spite of the late start the plants had. European observers say it will stand high in the list next year, after the plants have become thoroughly established.

GRUBWORMS IN ROSE BENCHES.

Can you give us a remedy for grubworms in rose benches? The worms are about an inch and a half long and an inch in circumference. They work all through the soil, making it very loose, and as a consequence the roses are dropping their foliage. We have tried lime water and other things, but without any good results. T. L. M.

These grubworms are hard to exterminate after they have got into a bench. Sometimes, for want of their natural food, grass roots, they are quite destructive to young rose plants.

The most effectual method of getting rid of them is by digging them up and hand picking. As they are larvæ, they will not increase in numbers and so they can, with patience and perseverance, be finally cleaned out. They can be killed by using the bisulphide of carbon in strong doses, but as this is an explosive, it might result in doing more damage than even the grubs will do. Ribes.

RAMBLERS MAKE POOR GROWTH.

Under separate cover I send you two cuttings from my hardy Crimson Rambler rose bushes. I should like to know the trouble with them, as they have not done well since I planted them out. I have them on the south side of my house, in a sunny place. E. T. O.

Each of the samples received would indicate that your plants are making a feeble growth. The most likely cause for this is poverty of the soil. Ramblers of all kinds make vigorous growth if given good soil to grow in. Another point to remember with ramblers is to entirely cut out each season the wood which has flowered and depend upon the shoots which start from the bottom for the succeeding year's flowering. You do not state whether or not your plants are in grass. If so, they will not grow nearly so satisfactorily as when the soil can be cultivated about them. If the shoots fairly indicate the strength of your plants, I would advise you to start with fresh plants, either now or in early spring, and if you afford them a liberal root run in good soil, they can hardly fail to make strong growths. C. W.

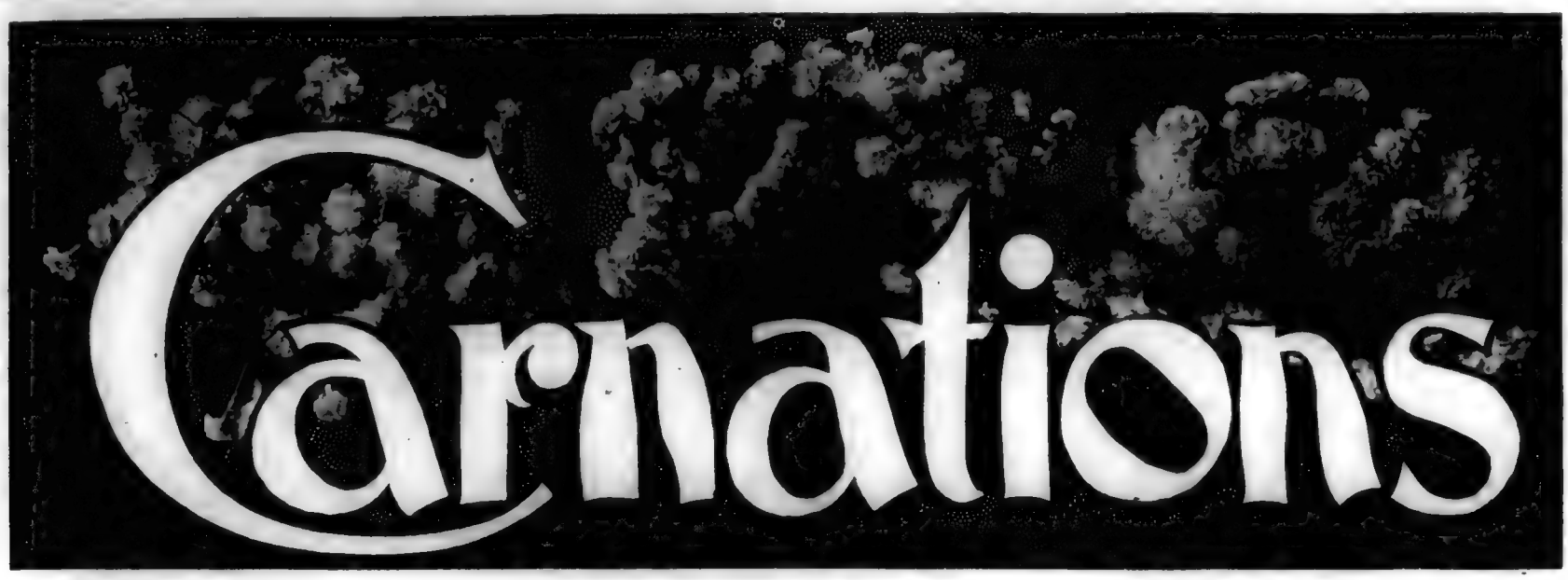
Bolivar, N. Y.—A. C. Rickerson, of Bradford, N. Y., has purchased three acres of land on North Main street and will erect three greenhouses, each 20x100 feet.

Holdrege, Neb.—The Davidson Floral Co. has nearly completed its new greenhouse, 39x100, and is putting in all solid beds of concrete. There was a gain of about thirty per cent in the Thanksgiving business, as compared with a year ago, and the indications are good for the coming year.



Why Bouquet Green Is Scarce This Season.

(Photo taken in the Wisconsin woods early in November by C. C. Pollworth.)



CARNATION NOTES.—EAST.

Preparation for Propagation.

Severe freezing weather and the holiday rush will soon be upon us, but before their arrival everything should be in readiness to take up the work of propagation soon after the new year. The propagating house should receive a thorough cleaning, especially the bench, which, after the removal of old sand and a faithful washing with broom and hose, will require a generous coat of hot lime wash.

Any needed repairs will now demand immediate attention, that there may be no delay in getting a batch of cuttings under way when they are in proper condition.

The Sand.

We prefer storing the sand in an unheated building or leaving it in a pile outside, protected from storms, until a few days before it is needed, when it is brought in and spread evenly, to a depth of about three inches, over the brick bottom of the propagating bench.

Recently considerable attention has been given to sterilization, and while there is no doubt that disease germs, if present in the propagating sand, can be destroyed by this means, it seems to me to require, with the average grower, an expenditure of too much labor and expense on a doubtful precaution. Rooted cutting specialists, or large growers who supply stock to the trade, are in a position to conduct this operation on a large scale, thus reducing the cost per thousand cuttings, and then the knowledge that the cuttings were rooted in sand so treated might influence sales.

The Soil.

The question of the soil into which the cuttings, as taken from the sand, are to be potted, is one which vitally concerns every grower. Many a promising batch has been seriously handicapped by not having had a fair chance at the outset, and this is surprising when we think how simple in nature and how easy of preparation such soil is.

Plain rotted sod, containing no manure or fertilizer of any kind, has proven to be the ideal medium in which to start young stock. A sufficient quantity should be conveniently located outside, and protection should be given against rain, snow or too deep penetration of frost. Brought in a week or so before using, that it may acquire the inside temperature, this soil cannot fail to suit the young plants.

The Pots.

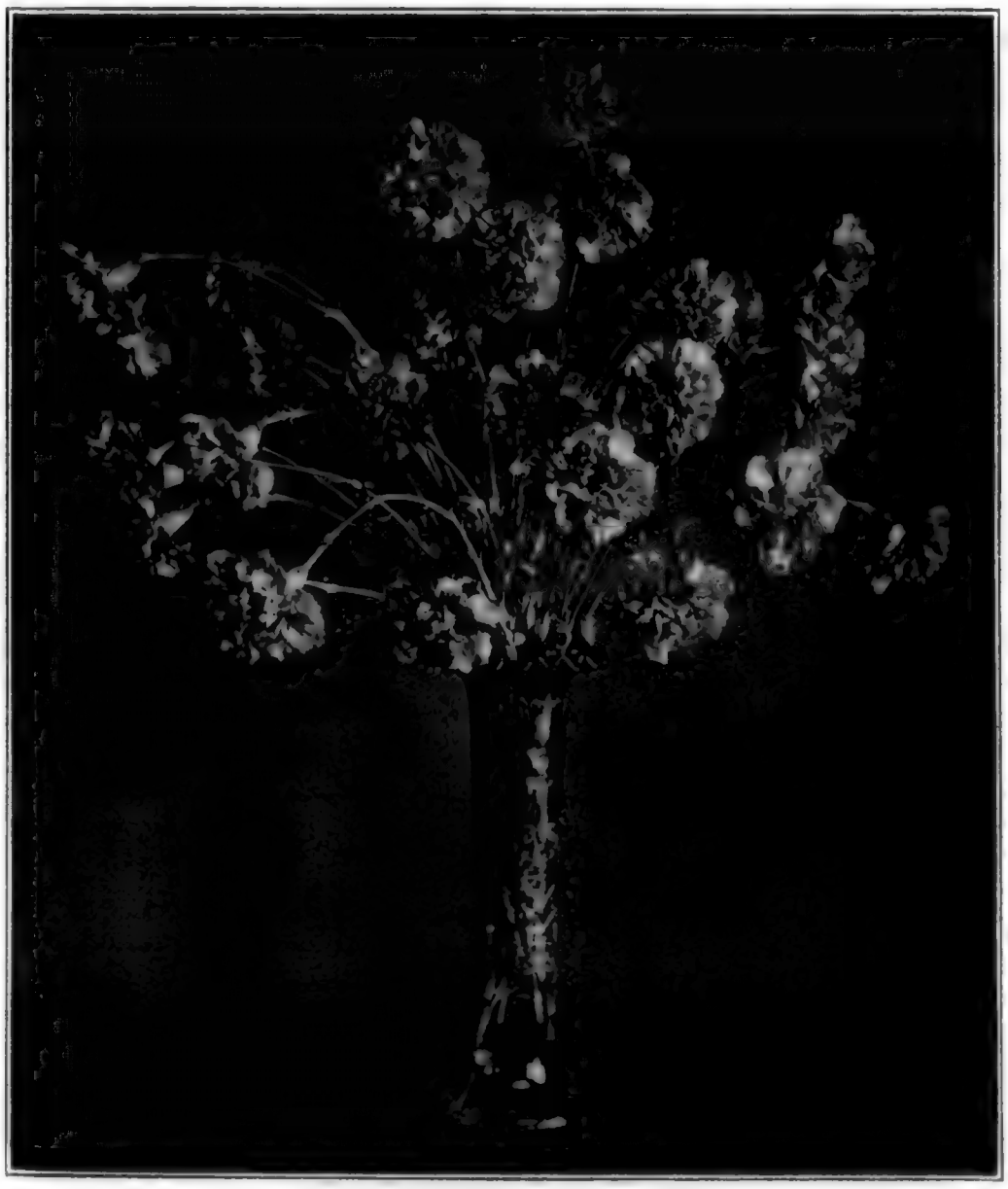
If the supply of small pots is low, now is a good time to have a new lot come along, a good size being 2-inch or 2¼-inch, but let them be all one size.

Old pots are in every way equal to new ones, provided they are clean outside as well as inside, but I must again insist that they do not comprise a multitude of sizes; no one can expect even growth in a batch of young plants placed in various sizes of pots.

GEO. S. OSBORN.

CARNATION MRS. WARD.

At the Washington convention of the American Carnation Society, in 1908, the two most striking features of the exhibition were the varieties Alma Ward and Mrs. C. W. Ward, exhibited by the Cottage Gardens Co., and which have been grown extensively at the Queens establishment the last three years. The accompanying illustration is from a photograph of a vase of Mrs. Ward. It is a large flower, well formed, in color deep pink, lighter than Lawson and deeper than Winsor. As shown at the recent exhibition of the Horticultural Society of New York, it captured the sweepstakes silver medal for the best vase of 100 blooms in the show and Mr. Ward con-



Carnation Mrs. C. W. Ward.

EAST STROUDSBURG, PA.—Paul Mader has opened his branch store in the Wintermute building, on lower Main street.

siders it one of the best commercial varieties which have originated on his place.

PYFER'S PURCHASE.

Henry Eichholz, of Waynesboro, Pa., sends the following item under date of December 4:

"A. T. Pyfer, manager of the Chicago Carnation Co., has purchased the entire stock of the Lawson colored sport, Washington. The price to be paid is said to be $20,000."

Referring to the same subject, Mr. Pyfer wrote December 7:

"We suppose you have already learned of the fact that we purchased the stock of the dark pink sport of Enchantress from Mr. Eichholz, Waynesboro, Pa., which he has registered as Washington. The color is nearer the shade of Lawson than any variety we know of. He has 3,000 plants of the variety growing at his place, and quite a number of cuttings already propagated. The stock is all extremely robust and healthy, and every indication is we have a carnation that has been looked forward to for a great many years. As we stated before, the color is as near Lawson as any variety we know of, although when the flower gets old it does not show any blue. Otherwise it is identical with Enchantress. He has tested the keeping qualities along with Enchantress and other varieties growing on his place, and finds it to be even better than Enchantress. Mr. Burki, at Pittsburg, is also growing a few plants of it, and it is showing up remarkably well with him, and he thinks a great deal of it."

AMERICAN CARNATION SOCIETY.

Backer & Co., Billerica, Mass., register carnation Red Prince, J. H. Manley x Queen; scarlet; size three to three and one-half inches; continuous bloomer, and free; does not burst calyx; holds color in hot weather; stems twenty-four to thirty inches from start.

A. F. J. Baur, Sec'y.

FERNS AND FERN DISHES.

Every florist who is dealing with the public is frequently called upon to fill and supply fern dishes, and much ingenuity is being shown by up-to-date florists in the artistic arrangement and design of these popular articles. An attractive fern dish is often a better advertisement for the florist than almost anything else he sends out, because it is one of the staple articles that sells day after day and is always in use. In connection with the filling of fern dishes, most florists find it profitable to keep a good assortment of the dishes themselves, as many customers, seeing a neat dish with a proper filling of ferns, would buy; whereas, if they had to buy the dish separately, they would not bother with it. Among the newer dishes on the market are some exceedingly pretty ones called Dellwood ware, an illustration of which is given. They are manufactured by the Gold Furniture Co., of Chicago. The line is a large one and includes a variety of shapes and sizes. Among their special features is a double pan, one to contain the soil and the other a drip pan, just below. They are both easily removed from the main dish by little ring handles on each side. The vase is a composition molded in decorative form on wood and is light and strong. A stock of dishes is of double value to the florist handling them; first, from the profit derived from the dish itself, and second, from the aid it gives in boosting the sale of ferns.

ORCHIDS

ORCHID JOTTINGS.

Cattleyas.

The orchid houses during the months of autumn are always attractive. The scarcity of bloom, which always exists just prior to the flowering of Cattleya labiata, has passed and there will be cattleyas and other orchids in abundance for some time to come. What a wonderful blank we would have in the autumn without C. labiata! Harking back but a few years, it was practically unknown. Its rediscovery in quantity was the greatest orchid find in a decade. It could be wished that all cattleyas would grow and flower as freely as C. labiata. When we see sheaths carrying four to seven flowers each, standing up boldly, we can hardly suppress a sigh of regret that the later Trianæs will not prove so prolific.

While in flower the labiatas should have the cool end of the house, where they are well shaded, and the atmosphere should be kept drier. Watering of these and all other cattleyas must then be done with greater care, always choosing early morning on a bright day for the work. October this year was bright and warm and more moisture at the roots is necessary under such conditions.

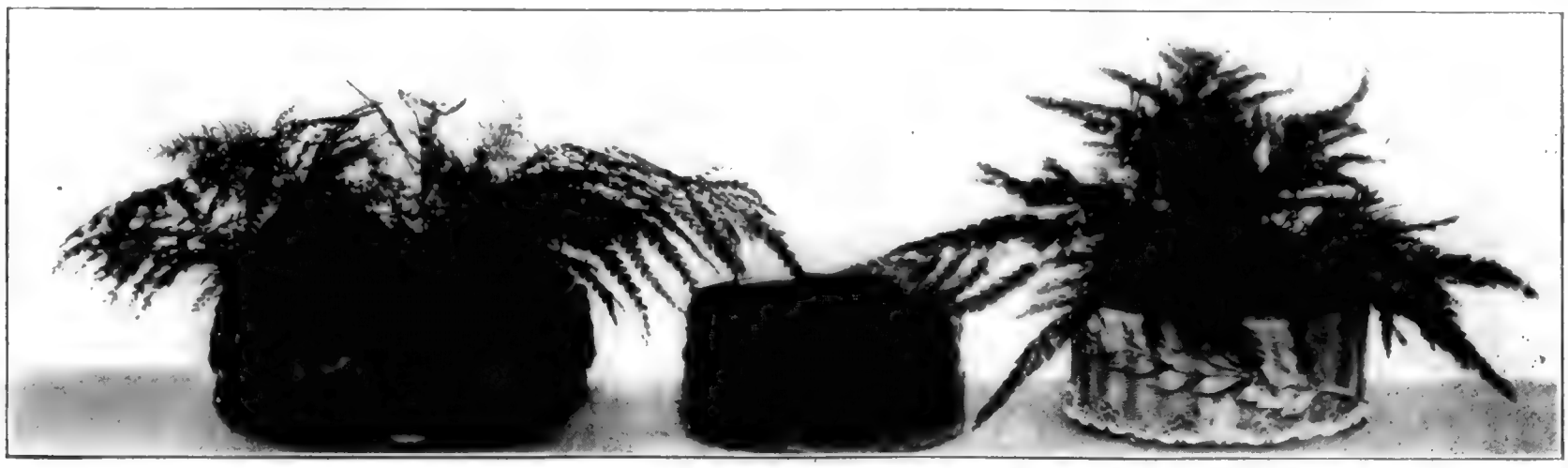
It is a mistake to remove all shading from cattleyas and lælias too early, but it is well to considerably reduce it. The dark green plants produced under heavy shade are beautiful to look upon, but do not flower as satisfactorily as those which are exposed to more sun, even though their foliage may look much paler by comparison. Cattleyas want plenty of fresh air and the house should never be closed tight at this season of the year. Even in winter some bottom ventilation can be afforded on all but the coldest days.

Just as soon as the labiatas pass out of flower, is the time to repot. Good osmunda fern fiber, with the fine particles shaken out, is an excellent potting medium, one which is porous and remains sweet. All orchids should be firmly potted. Such as shake in the baskets and pots will never thrive. Pots and pans, on the whole, are preferable to baskets for cattleyas, provided they have ample drainage, but many growers produce marvelously fine plants in baskets.

Odontoglossums.

The baby orchid, Odontoglossum grande, is attractive and interesting in its season. It grows well in shallow pans hung well up to the light in a cool house. A winter temperature of 50 to 52 degrees is about right. Strong bulbs will carry a dozen or more flowers each and these last in good condition for three weeks.

The last summer was rather trying for Odontoglossum crispum. It is doubtful if we will ever make much of a success



Some of the Dellwood Ware Fern Dishes.



An Exceptionally Fine Plant of Cattleya Labiata, That Best of Florists' Orchids.

with this superb orchid in America, owing to our hot summers. In the future, with artificial means of cooling houses in the hot months, we may be able to grow it better, but in the meantime it is a rather uphill battle. All the odontoglossums should now get plenty of sun. No further shading should be necessary until the middle of March. Potting may still be done but October is the best month in the year for overhauling the bulk of the crispum and Pescatorei section. Fern fiber, with a little moss, makes a suitable compost. Where small shell snails are numerous, it is better to cut out the moss, as the snails will simply destroy every flower spike, unless they are jealously guarded.

A temperature of 55 degrees at night is better than one lower for odontoglossums. If we are ever to succeed with these plants we must gradually accustom them to higher winter temperatures; 48 to 50 degrees should be the absolute minimum. The idea of giving them 40 degrees at night in winter is absurd. Plants kept warmer suffer less when we get our summer heat waves. A common mistake has been to give too low winter temperatures to many cool orchids. By carrying them 5 to 8 degrees warmer, experience has proved that they come through the summer far better.

Cypripediums and Miltonias.

Cypripedium insigne is now in its best season and, while an old variety, it will not be ousted as a popular market variety for many a day. It does not seem to make much difference whether the plants are grown cool or warm in summer; one seems to bloom as early as the other. The cooler plants, however, always appear more rugged. It is easy to advance or retard these cypripediums, according to when the flowers are wanted, but as they will keep fresh for twelve weeks on the plants there would seem to be no special need of holding them back. These terrestrial orchids must not be kept dry at the roots at any time. The supply of water as the winter advances should, however, be reduced, and it is too early to remove all the shading. Pale-leaved cypripediums do not look well. Plants wanted for Christmas sales should have the spikes well developed by this date. Keep the atmosphere moister than in the case of cattleyas.

Miltonia vexillaria should have been overhauled and potted some time ago. If the plants can have sufficient sun to give the leaves a reddish or bronzy hue, they will flower better the following summer. Watering must be carefully attended to. Better keep the plants on the dry side for some time. Any soakings at the root at this stage of growth will be disastrous. An airy house kept about 55 degrees at night, with 10 to 15 degrees advance in the daytime, will suit M. vexillaria. The variety Rœzlii succeeds better in a warm house, the cool end of the cypripedium house evidently being to its liking.

Dendrobiums and Oncidiums.

Dendrobium nobile, D. Wardianum and many hybrids now have their pseudobulbs completed and well plumped up. Such plants should now be moved to a cooler and airier house, where they will have only a light shade. Reduce the water supply by degrees, not too suddenly. A spraying over about noon on warm days will help to kep them plump. Cooler and drier treatment should be continued until the flower nodes are well advanced.

Autumn is the season when Oncidium varicosum Rogersii makes a glorious showing, with its gracefully drooping, many branched spikes of golden flowers. This is so inexpensive and easily cultivated that any florist can grow it. Shallow pans or small pots, four inches to five inches in diameter, make good receptacles. Baskets are sometimes used, but the roots are under better control in pots or pans. A good compost is one of fern root, sphagnum moss and a little lumpy charcoal. While in flower give the plants a rather cool, shady location and do not leave the spikes on too long, as it exhausts the plants' vitality severely.

ORCHIDIST.

GREENFIELD, MASS.—P. E. Burtt has moved into the new building on Davis street, built specially for flower store purposes.

MUSCATINE, IA.—Fred Kranz, of George Kranz & Son, reports having a fine variegated sport of Enchantress. The firm has added two greenhouses to its plant this fall.

IN THE NATIONAL CAPITAL.

Washington is recognized as a city with great floral possibilities. The entertainments, official and private, are given on a scale rarely attempted even in the largest cities in the country. The leading shops conceive and execute creations in floral art requiring the greatest skill; flowers of quality, flowers in quantity are freely used—yet Washington has until recently depended largely on other markets for flowers during the social season. The reasons for this dependence are clear: The market is dead from May until November. The growers, among them several of the principal retailers, supply all the flowers needed during those seven months at prices that forbid outside competition. During the social season the demand presents extraordinary difficulties, requiring tact and judgment on the part of those who are catering to the most critical floral taste.

With a view to improving conditions, the Washington retailers have several times tried to start enterprising young men in the wholesale business, believing that the time had come when a good wholesale cut flower house would prosper. Nothing permanent, excepting a small market which existed for many years, came of these efforts until last March, when the S. S. Pennock-Meehan Co., of Philadelphia, opened a branch house at 1212 New York avenue. The place is attractively fitted up, the order and cleanliness prevailing showing that the Washington house standard is equal to the best in the country. On the left as you enter from the street level are the telephones and icebox; on the right the ribbon case and drawers of cycas leaves, wheat sheaves and immortelles; in the center the sorting tables, in the rear the manager's desk. William J. Moore, who has a life study of the grading and selling of cut flowers, is manager. Mr. Moore pointed out some excellent local stock from nearby growers and said that he wanted to make it worth while for the growers near Washington to send the company their flowers. Whatever the neighborhood could not supply would be brought from a distance, Mr. Moore said. The Washington retailers should have a good assortment of fine flowers.

CHRYSANTHEMUMS

FAILURE WITH MRS. JONES.

During the last season we have grown two houses of mums, such varieties as Pacific, Golden Glow, Ivory, Dean, Bonnaffon, Amorita, Eaton, Chadwick, Nonin, Jones and others. Every variety turned out fine, producing large single-stemmed blooms, with the exception of the Jones, yellow and white. They reached a height of three feet, with fine green foliage, but no flower measured over three inches across. All my mums were planted between June 15 and June 25, in raised benches, in five inches of good fresh soil, planted eight inches apart each way and carried to single stems. What is the cause of the Jones turning out so poor, when all other varieties under the same treatment turned out so fine?

When should Nonin be planted to produce a nice crop for Christmas? How much soil should be used, and how far apart planted? What other varieties of mums can be had in for Christmas day?

Which are the best for mums, ground or raised benches? H. J. H.

I see no reason for the failure with Jones except that the soil is lacking in some constituent that it requires. I must confess that I have been unable to grow good flowers of this variety myself, and have not grown any of it for some years. About the only remedy I can see is for you to grow something else.

Nonin, if planted in July, can be held back for Christmas by being kept as cool as possible in early fall, and taking the last bud. The conditions under which I have grown the other varieties is five inches of soil and seven or eight inches apart, and this is the same way in which I grow Nonin.

Other varieties that are brought into market for Christmas day are Bonnaffon, Nagoya, J. Rosette and W. T. Brock.

The question of which is best for chrysanthemums, ground or raised benches, is something almost every grower figures out for himself, since different conditions have considerable to do with it. To my mind, raised benches are far superior and I would never plant a solid bed. In a raised bench, the roots are absolutely under control and the plants can be set to better advantage.

C. H. T.

MUMS IN UNHEATED HOUSES.

The Review has referred to the success of Joseph E. Bonsall, of Ohio, in growing chrysanthemums in unheated houses. Will Mr. Bonsall please tell us what varieties of mums he grows in that way, for early blooms? Are such flowers of good enough quality for funeral work? Does he protect the blooms with cloth, or how is it done? Will he also please tell us how he keeps his chrysanthemum plants over till spring without artificial heat, and whether he grows any outdoor flowers for cutting in the summer time in the open ground? F. C. P.

Replying to F. C. P.'s inquiry, I find that there is little danger of injury to mum blooms in my unheated greenhouses, unless the mercury falls below 28 degrees outdoors, as the warmth of the soil carries the inside temperature from 8 to 10 degrees higher for one or two nights. By reference to my records I see that, in this part of Ohio, we usually get cold enough weather to freeze inside about the first week in November. This year we cut Kaiserin roses, and some late mums developed from side buds, November 23, which is unusually late.

Any variety of mum which, in heated houses, will finish the crop by October 25, can be safely grown, in this locality, in unheated houses. This will include Bergmann, Monrovia, October Frost, Polly Rose, etc., though on some occasions I have had Polly Rose nipped before the crop was all off. I find that, owing to cool nights during October, the crop is a few days later in finishing than in heated houses. The point to be determined, in deciding what sorts can be grown in this way, is at what time a killing frost may be expected.

As to the quality of the flowers, they are fully as fine as when grown in heated houses.

I do not use any cloth protection, but treat them just as I would in heated houses.

As to carrying over stock plants, I simply cut off the old tops and let the plants stand where they bloomed. I find that they are not injured in the least, though they freeze quite hard. The ground, however, seldom freezes so hard that it cannot be broken with the fingers. At one time last winter, when the glass was covered by about four inches of snow, which does not melt quickly unless the sun shines, the thermometer outside was near zero for three days and nights, and inside did not fall below 30 degrees.

As to growing outdoor flowers, I grow asters and some other things, but being strictly a wholesale grower, I am not compelled to have a supply at all seasons, as I would if I had a retail trade.

Joseph E. Bonsall.

The Editor is pleased when a Reader presents his ideas on any subject treated in

The Weekly Florists' Review

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU

CHRYSANTHEMUM SOCIETY.

James Livingston, of Lake Geneva, Wis., exhibited a white single chrysanthemum before the Chicago committee of the C. S. A. November 26. Name, Constellation; scored as follows: Color, 35; form, 15; substance, 15; stem and foliage, 15; total, 80.

C. W. Johnson, Sec'y.

CHOOSE A SOUTH EXPOSURE.

We expect to build a range of even-span houses for cut flowers. We have an option on a tract of land with an east slope and another with a south slope. Will experienced growers kindly state which would give more satisfactory results, houses running east and west with a south slope or running north and south with an east slope? M. B. C.

The south exposure is certainly best. The houses should, for almost any crop, run east and west, as this aspect is favorable to getting the best results during the short days of winter, when sunshine is at a minimum. Ribes.

SHRUBS FOR EASTER FLOWERING

I received from Holland the following plants, which I want to force for Easter: Azalea mollis, pot grown lilacs, staphylea, Deutzia Lemoinei and gracilis, Wistaria Sinensis and Prunus triloba. Will any of these, except Azalea mollis, require pruning? J. M.

You must not prune any of the shrubs named, as you will only cut away flowering wood and thus ruin them. Allow the deutzias and staphyleas eight weeks and the wistarias, Prunus triloba and lilacs six weeks in an average night temperature of 55 degrees, and you will have them in good season. C.

Denver, Colo.—Warren Armington has just opened a retail store at 1469 Broadway, doing business as the Broadway Floral Co.

THE POLICY OF PRICES

FOX FEARS 'TIS FOLLY.

[The address of Charles Henry Fox before the Florists' Club of Philadelphia, December 7, 1909.]

My subject to-night will be: "The Follies of 1908, Will They Be Repeated in 1909-10?"

It is highly probable that this title has an air of familiarity about it, for I believe it is a billboard term, but nevertheless this negative subject that I have chosen may help us as florists; I would rather say, brother florists.

After all, gentlemen, we are one and the same, and the names we are known by, growers, wholesalers and retailers, are terms designating the little corner we fill in the great game. You and I are neither independent nor dependent, but we are inter-dependent. The one who says he is independent commits the worst folly of 1909, and I hope you will not find him in 1910.

The Oft Committed Folly.

Primarily a folly is the act of a fool. In order to succeed and advance our business we must not be fools. No one would commit the folly of selling old stuff for fresh these days. No grower would purposely leave his carnation range closed up at night, when he should carry an abundance of air and a pipe; yet there is the folly of cutting the crop, shipping it the next day to the wholesaler, who in turn sells it to the retailer the next day, or the next, as if they just came in; and the retailer in turn sells to his customer as they just came in; and the customer comes back the next day to complain that they were not fresh! Were they? Do we depend on each other? No one will question that. Are the follies of one the follies of all? This subject truly concerns all of us; we are a cosmic whole; what affects one affects the other, directly and indirectly. We do not know where it stops.

Life is but a change and we as florists must change with it. What was O. K. five years ago will not go today. Our customers are changing; they demand more, better goods, better service, intelligent service. I think I have a fine side light on this subject.

What are gifts, anyway? What can flowers be used for? Why are not more of them used at Christmas and on every occasion?

What We Sell.

Someone has said flowers are "frozen music." Now, there is hurdy-gurdy music and grand opera music. Each has its use, but be careful you do not supply the hurdy-gurdy kind to a grand opera customer.

We sell impressions, sentiment and sympathy.

Flowers properly used can form any expression you desire and will reach the sternest business man as well as the most cultured and refined woman.

Every birthday should be garlanded with flowers.

Every anniversary should be honored with flowers.

Married folks, as well as single, should remember St. Valentine's day and send flowers.

A Thanksgiving table looks a hundred per cent better if flowers are used on it.

But these sales cannot be encouraged as long as the public considers flowers extravagant and almost as a prohibitive luxury. We must get rid of these impressions, and the time to do it is when they want flowers. Have you ever stopped to think of the wonderful possibilities of the business we represent? Into what the business can be developed? What we must do to correct errors in order to develop?

The Greatest Error.

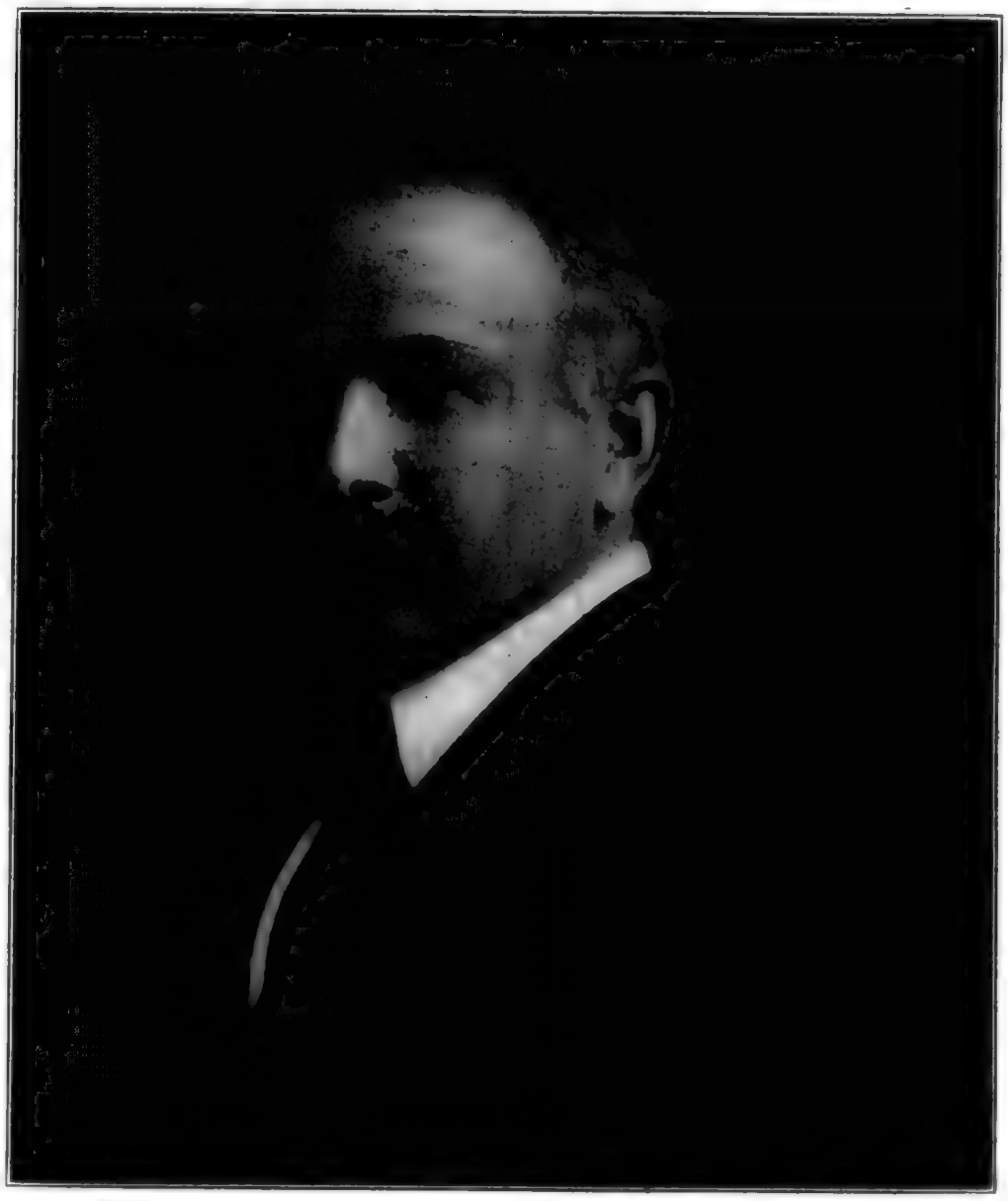
One of the greatest of the errors is the extortionate prices at Christmas. No matter how good or how poor a season we have had, or what the outlook for the midwinter and early spring social season may be, it is "Wait for Christmas." Lay back, store the stuff, salt it down, and unload to your customer at the highest possible price. Catch the dubs that want flowers for Christmas and soak them good and hard. You think they have to have them, but they don't.

They are ready at this holiday time to spend their money for gifts. All fall you have led them along from cosmos and dahlias to chrysanthemums, violets and orchids. You sold these at a profit and pleased your customers, the wholesaler and yourself. You have spent money, lots of money, in advertising to bring the buyers to your store, but now with your 300 per cent advance you undermine the good you have done all fall; undermine all your advertising, all your catering.

The Result.

All your good ideas are wasted energy. Instead of leading up to Christmas and seizing the psychological moment to persuade your customers to buy flowers for Christmas gifts, and use flowers in connection with all other gifts, you turn on the cold water spigot and give them a chill that they do not get over for three or four weeks, with your extortionate prices.

And for what, gentlemen? One day. This one day ruins a whole month's business. You can not wipe it out of people's minds. They will not go near a flower shop unless absolutely compelled to. When you turn on this cold water spigot they do not get over it in three or four weeks, or a year. They may get over the chill, but the effects of the high prices at Christmas show themselves



Charles Henry Fox.

throughout the year, and you lower their vitality as buyers of flowers. And when you turn it on again at the next flower season, be it Christmas, Easter or Thanksgiving, you gradually give them consumption and they leave you altogether.

Why, it is a yearly occurrence that for a week before, and three or four weeks after, Christmas the first remark a customer will make will be: "Flowers are awfully high now, are they not?" It comes before you have had a chance to say anything, showing what is uppermost in their thoughts. Now, if the ones that come into your store think that way, what must the thousands that pass by think? You know it is the thinkery that does the work, and on this account they resolve to buy gloves, confectionery, jewelry, etc., and so we florists lose thousands of dollars' worth of sales.

Do these other merchants advance their prices because their customers want their goods? Not on your life! They are too clever. They have spent good money all season advertising and building up trade and they are not going to detract from that valuable asset, the customers, that they have psychologized into buying their wares, just because there is an increased demand.

I have heard florists actually say, directly to the customer who is complaining of the awful advance of 300 per cent: "Well, flowers are very expensive at Christmas, and we have a great demand for them, and they are very scarce." Then your customer immediately thinks to himself: "Well, it does not have to be flowers; I am not going to be buffaloed that way. Why not send candy at 80 cents a pound for the best, or why not jewelry at the same price as at any other time of the year, and it will keep, too, while flowers would be gone in a few days anyway."

So they go and spend their money elsewhere.

Aside from this we not only lose the sale, but the confidence and respect of the customer as well, because you will see flowers for sale the next day on the street at every corner at one-third or less than you ask. Violets for which you yesterday asked $1.50 or $2 per bunch (and, by the way, violets never are worth $1.50 and $2; I mean a bunch of fifty) the next day after Christmas will be poked under your nose for 50 cents a bunch. Now, if they are so scarce as you told your customer, how is it that there are so many on the street the next day?

Gentlemen, put yourselves in the position of the retail customer and note the impression you get. Could you have confidence and respect for a business man who tried to charge you three times the fair price just because he thinks you must have the goods?

The Retailer's Responsibility.

Now, though the retailer has much expense at this rush season, although he must employ extra help at high prices and he has extra delivery expense, and he has extra wrapping expense to protect from frost (he must make good anything that is frozen), yet all this does not account for the exceedingly high prices asked by him.

What is the reason?

It is the worn-out system of trying to crowd out of one day's business the profit which should be spread over a month. We would make this profit and more, too, if prices were at a slight advance, say 50 per cent. Then all these flowers would be sold at a fair price. There would not be any to sell to the street man the next day. The grower would be sure of his profit, without the risk of anything being left over. The commission man would be happier, for if anyone has his trouble it is he; he is between the devil and the deep sea, trying to please his storemen and his growers. You can go to any commission man a week before Christmas and he is afraid to tell you the price for fear he is too low. How are we going to sell under these conditions?

Drop the follies of 1908.

Let us be sane and make a play for the biggest end of this Christmas shopping, turn the tide our way, and explode this idea the public has that flowers are awfully extravagant at Christmas. Remember we are component parts. What affects the retailer affects the wholesaler, and in turn the grower. We will all benefit by this business building and, with confidence restored, we will get a great deal that the fellow in other lines is now getting.

Now, after all that is said and done, about the follies of 1908 and exorbitant prices at Christmas, I must not be construed as an advocate of cheap prices or cheap work. If anything, we have the reputation as one of the highest priced in town, but there is a vast difference between a square deal and get-what-you-can plan.

EVERY now and then a well-pleased reader speaks the word which is the means of bringing a new advertiser to

The Weekly Florists' Review

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florists' use not at present advertised.

FLORISTS' PUBLISHING CO.
530-60 Caxton Bldg. Chicago

THE DOBBS NEW RANGE.

Dobbs & Son have started a new range on the opposite side of the street from their old plant at Auburn, N. Y., where they have purchased several acres of fine land. A late start only allowed of the erection of one house 42x150, and a large concrete block boiler house and office last season. They have also erected a large dwelling on the new tract. The present house is exclusively for carnations. The new greenhouse is King construction. Trade is unusually good; even with the added space they have not been able to meet the demand, so a further early addition to the new place is to be expected.

Burnside, Conn.—W. H. Atkins, on Larrabee street, uses the greater part of his greenhouse space for the growing of carnations and sweet peas, for which he finds an excellent market in Hartford. His carnations this year are in fine condition.



Exterior and Interior of the New Greenhouse of Dobbs & Son, Auburn, N. Y.



A House 32x220 Feet Devoted Entirely to Cyclamen by Robert Craig Co., Philadelphia.

CYCLAMEN AT CRAIG'S.

The accompanying illustration is from a photograph made November 30 at the establishment of Robert Craig Co., Forty-ninth and Market streets, Philadelphia. It shows a house 32x220 devoted to cyclamens. The illustration will serve to give an idea of the size of the stock.

When the Craig Co. takes up a specialty it is grown in quantity, and the illustration will serve to give some idea of the quantities in which the cyclamen is handled as a Christmas specialty, but gives little indication of the perfection of the plants. It is said that Craig's cyclamens never were finer than this season.

Other photographs accompanying this one, which unfortunately the large holiday demands upon space made it impossible to reproduce, show a house of poinsettias also in fine shape, and some specimen plants of crotons, Lorraine begonias and some of the ferns largely grown at Craig's. These are Scottii, Todeaoides and Amerpohlii. The Lonsdale type of Lorraine begonias is in favor at Craig's. Crotons are probably more largely grown in this establishment than in any other in the United States. The variety Edwin Lonsdale is one of the best. It is said that Craig's propagates 5,000 crotons per month.

HOLIDAY PLANTS IN CHICAGO.

A canvass of the largest growers of plants in and about Chicago reveals the fact that on some lines there is an abundance, while in others there is a scarcity and on still others a fair supply only.

Azaleas and poinsettias, the two Christmas leaders, are the most abundant, perhaps, and this fact alone is sufficient to warrant predicting a good trade in plants for the holidays. It also means a most decided help in material for decorating florists' windows and giving the desired holiday air to the houses devoted to selling plants and flowers, either wholesale or retail. Upon these two Christmas plants so much of the sale of other plants depends that their condition at this time is an all-important factor.

When the azalea stock was received from Belgium last fall, its condition was not promising and there was every appearance of difficulties ahead for the grower. So fast did the buds develop, however, that with mild heat many plants were in bloom for Thanksgiving and they will require little, if any, forcing to get plenty of the early varieties in readiness for the holidays.

Poinsettias also will be plentiful and in excellent condition. While it is always hard to foresee how many any man's trade will demand, it is expected there will be enough to go around, though it is taking long chances to put off orders till late. It is a conservative estimate to place the supply fifty per cent ahead of last year, but the demand for poinsettias is also steadily increasing.

Cyclamens are certainly in fine condition, but the number ready for Christmas is only fair. Chicago growers are giving special attention to this plant and grow only the best strains, as it is not a case of how many, but of how fine a plant with how beautiful a bloom they can produce. The colors are certainly charming.

Primula obconica seems to be in fair supply also. This plant has hardly enough color to suit the public generally at this season, though many prefer it for its dainty appearance.

Begonia Gloire de Lorraine, that beautiful but fragile holiday plant, is not found in such quantities on the florists' benches as is desirable. It is a beautiful plant for this season and sells well for the home trade, but is not one of the best shippers, as it breaks too easily. Unless stock is secured early, many are bound to be disappointed, for the quantity is quite limited.

Berried plants are in fair supply. There is a good stock of Christmas peppers in all sizes. Solanums, or Jerusalem cherries, are only in fair supply. Ardisias and aucubas will be limited, though the local demand never runs heavy and probably the supply will be sufficient. Stock of Pandanus Veitchii is to be found in quantity, especially in the small and medium sizes, rich pot plants being especially abundant. They are well colored and make attractive plants.

Among the fancy leaved plants are Dracæna Massangeana and fragrans, good stock and plentiful. Dracæna terminalis is also abundant and usually well colored.

A splendid stock of the ever favorite Bostons and Whitmani, also palms, araucarias and other green plants, are to be had in splendid condition, and a good green plant is bound to sell at any season of the year. JAS. G. HANCOCK.

ROCKLAND, ME.—Charles T. Spear, the Middle street florist, has opened a store on Main street, near the corner of Elm street.

DENVER, COLO.—The Scott & Martin Floral Co. has been incorporated, with a capital of $2,000, by Irene S. Scott, Harry D. Martin and J. E. Robinson.

JACKSON, MISS.—W. J. Brown, whose fine rose gardens were recently referred to in the REVIEW, is planning to build a range of greenhouses on the large tract of ground which he owns in the outskirts of town. He will also increase the area devoted to the growing of outdoor stock especially roses, and will use his best efforts to build up a large general trade. Mr. Brown is deputy clerk of the Supreme Court.

SEASONABLE SUGGESTIONS

Rambler Roses.

It may seem a long cry ahead to Easter, but even though we have not yet reached Christmas it must be borne in mind that only three months separate the latter festival and the Easter of 1910. It is now time to start rambler roses if you want to be sure of having them on time. When Easter comes about the middle of April there is no necessity for starting the plants thus early, but March 27 is an unusually early date and it is well to get plants started in good season. The wood on all ramblers now is, or should be, well matured, especially in the case of stock grown all summer in pots and kept on the dry side for the last six weeks, and should quickly respond to moderate forcing. Plants potted in the late fall start less quickly and should be given a cool house at first, 45 degrees at night being ample.

Give stock grown in pots through the summer a liberal top-dressing. Cut out all weak and useless wood and twist the shoots around in order to get as many breaks as possible. Syringe freely until the plants break; then give them an advance of 5 degrees in temperature. We like to bring our ramblers along in a heat not exceeding 55 degrees at night at any stage of their growth, if possible. Grown in this way they are stockier and more floriferous, and the flowers have a better color than when subjected to the sweating process. The pink ramblers should be allowed eight or ten days more time than the crimson ramblers.

Bedding Geraniums.

Now that chrysanthemum benches are cleared, it is possible to pot over any young geranium stock rooted in the propagating benches, or now in flats of sand. Pots two inches in diameter will suffice for the first potting. Use loam and sand, and if you can give the little plants a place where a trifle of bottom heat comes through the benches, they will establish themselves surprisingly fast in the little pots. Soak well after potting; then water moderately, to avoid losing plants by damping off. Plants rooted in 2-inch pots in the fall will now be in need of a shift. All the plants may not require it, but look over them and put the strongest in 3-inch pots. The balance may be all right in the smaller pots until the new year. When you wish to carry your young stock in the bench or flats some time longer, give them just sufficient water to prevent shriveling and a light, cool, freely ventilated house.

Lilium Candidum.

Lilium candidum is less of a commercial flower than its merits would seem to warrant. While it may be rather ungainly as a pot plant, well grown spikes of it are superior to any longiflorums. Where candidums are wanted for Easter, the plants, which up to this time should have been kept mainly outdoors and subjected to several freezings, should be placed in a house kept at 45 to 48 degrees at night. L. candidum is spoiled by hard forcing, and if it can be flowered in a house averaging 52 degrees at night, the flowers will be much finer than if grown in 10 degrees more heat.

Berried Plants.

Celestial or Christmas peppers should now have the fruits well colored. We have always failed to see any great beauty in these plants, believing the Jerusalem cherry to be a far more desirable pot plant, but at present they seem to be having a miniature boom. If the fruit is insufficiently ripened, let the plants have a warm house and all possible sunshine. Berried solanums are generally in first-class shape for Christmas and will be better if kept in a cool house. Ardisia crenulata is a deservedly popular plant for Christmas, for in order to sell it, it is only necessary to have the fruit ripe. Some growers, unfortunately, hold it too cool, with the result that the berries are not half ripe for the holidays. Push any laggard plants along now in a warm house.

Small Ferns.

The average country florist depends, as a rule, on the big fern specialists for his supplies of little ferns for the holidays. This stock should have been procured before now, but if the matter has been overlooked they should be ordered at once. Let them have a moist house, where there is a genial atmosphere with no drying heat. Do not make the mistake of buying too many varieties of small ferns; half a dozen are sufficient. In addition to the uses they are put to in filling special fern dishes, almost any of them come in handy for planting in pans of poinsettias or among dracænas and other colored-leaved tropical plants.

Calceolarias.

Now that we are getting steadily cool weather, the calceolarias are making rapid growth and must be frequently given a fresh stand on the benches. Do not allow them to become at all potbound before giving them their final shift, or they will give unsatisfactory results. Never coddle them. They delight in a cool, airy house; one which has a damp, clammy feeling suits them to perfection. We like to leave some ventilation on the roof on all but the coldest nights, and on all bright days we give the foliage a light spraying over. Be ever on the watch for green aphis, the arch enemy of the calceolaria. You cannot kill all by spraying, as they get under the lower

[Continued on page 60.]



The Pink Baby Rambler.

POINSETTIAS BLEEDING.

Will you kindly tell me the proper and best way of cutting and keeping poinsettias? I have had four years' experience growing poinsettias. To keep them from bleeding when cutting I scald the ends in hot water. I also have burnt them on hot irons, but do not have satisfactory results in keeping them. The blooms keep well, but the foliage drops off. S. G.

Your plan of either scalding or searing the ends of the poinsettia shoots as soon as cut is excellent. I find that treated thus the bracts keep fresh much longer. A mistake often made is to ship them away to customers as soon as they are cut and scalded. They should be placed in barrels or tubs of cold water for twenty-four hours, immersing the stems almost their full length. It is better not to place them in as low a temperature when cut as you would carnations or roses; 45 degrees at night will be all right.

Poinsettia foliage will not keep as well as the flower bracts, but the deep plunging you will find is a great benefit and will quite materially assist in keeping the leaves and flowers fresh. C. W.

DAHLIAS FOR MEMORIAL DAY.

I want to grow dahlias for cut flowers for Memorial day. Should I purchase clumps, single tubers or plants? What varieties would be best for cut flowers? I intend to grow them in solid beds. Please give cultural instructions, as I have never grown dahlias under glass. I live in the state of Kansas. M. H.

You will be unable to procure growing plants sufficiently early to flower them for Memorial day. It will be necessary to purchase either clumps or single tubers; the latter are generally sold. It would be well for you to secure these without delay, for in your state they ought to be started into growth not later than the middle of January. Lay the dry tubers on a spare bench in a moderately warm house, spreading a layer of moss below them. If there is some bottom heat and an atmospheric temperature of 60 degrees, it will suit them. Damp lightly until they start to break. As soon as they are well started into growth and making roots, plant them in the solid beds you speak of. Dahlias like a moderately rich soil.

Allow the plants two feet apart each way and only allow a single stem to grow on each. Support each of these with a stout stake. Look over them once a week and do any necessary tying. You will find a single stem far preferable to allowing several shoots to grow on each plant. An average winter night temperature of 50 degrees is sufficient. This can be increased towards spring, but always air freely. In fumigating use caution, as heavy doses burn the foliage. When growing vigorously abundant water supplies are needed. As flowers appear spread some decayed manure on the surface or use liquid manure once a week.

A select list of dahlias suitable for indoor culture is as follows:

Decorative—Jack Rose, a splendid winter variety, color bright crimson scarlet like a Jack rose; Catherine Duer, red; Perle, pure white; C. W. Burton, bright yellow; Sylvia, mauve pink.

Double quilled show—A. D. Livoni, fine clear pink; Yellow Livoni, bright yellow; Grand Duke Alexis, ivory white tinged with rose on ends of petals; Charles Lavier, deep yellow.

Deep pompon—White Lady, pure white; Sunshine, scarlet; Eleganta, soft pink.

The cactus dahlias, while very handsome, fail to produce stems of any considerable length and are thus less desirable than other sorts named for commercial work. If you desire to grow a few, one or two good varieties are: Countess of Lonsdale, salmon tinted apricot; Florence M. Stredwick, pure white; Kriemhilde, soft pink shading to white; Standard Bearer, rich scarlet.

The fancy single and other types are not as useful for cutting as those we have named. The single varieties bloom profusely and, if you can sell the flowers near home, may be worthy of a trial. Three good sorts are: Scarlet Century, Pink Century and White Century. C. W.

BUDS ON SHORT SWEET PEAS.

Our sweet peas are about two feet high and are sending out a great many buds. Should we pick them off until the plants are bigger, or should we allow them to come to blossom now? We are growing them to ship. H. W. W.

By the time those buds come into bloom you will likely find a ready sale for them. If the plants appear sturdy, the height need make no difference as to whether you should allow them to come into bloom. A. F. J. B.

OBITUARY.

John Rodenhurst.

John Rodenhurst, employed as chrysanthemum grower for the Hoyt Bros. Co., at Spokane, Wash., died recently at St. Luke's hospital, in Spokane, at the age of 25 years. His death was due to typhoid fever. He was of English birth and had formerly worked on the estate of the Duke of Warwick. Later he worked for J. Gammage & Sons, of London, Ont., and on both private and commercial places in Portland and Seattle.

Raymond Moore.

Raymond Moore, the only son of Mr. and Mrs. S. H. Moore, of New Haven, Conn., died November 28, at his home, 94 Lake place. He was a little less than 19 years of age. His illness, which continued for only a few days, was a complication of heart and stomach troubles. Since leaving school he had been employed at his father's store on Chapel street.

Henry Kohankie.

Henry Kohankie, of Painesville, O., prominent Lake county nurseryman and senior partner in the firm of Henry Kohankie & Son, was suddenly taken ill while in Cleveland, Wednesday evening, November 24, and passed away a few hours later. Death was probably due to an acute attack of peritonitis or intestinal obstruction, from which Mr. Kohankie had been suffering for several years.

Mr. Kohankie had been in Cleveland with his men for several days, planting trees on the Schofield place. With him, at the time of his death, was John Murphy, of Call's Nursery, Perry.

When Mr. Kohankie was stricken, Dr. Paulin, a local physician, was sent for. Mr. Kohankie did not seem to think there was anything serious the matter with him and did not tell the physician that he had suffered similar attacks before. However, he was in great pain and as the case looked serious, a friend telephoned to Painesville and notified Mrs. Kohankie and their son, Henry.

They reached the bedside of the sick man just before midnight and he passed away shortly after 1 o'clock. He was conscious up to within a short time before his death and did not seem to have the least thought that it was his last illness.

The remains were brought to Painesville before 12 o'clock Thanksgiving day and the funeral was held Sunday, December 5.

Henry Kohankie was 56 years of age and an experienced and highly successful nurseryman. For thirty-five years he was in the employ of the Storrs & Harrison Co. and in 1900 he branched out for himself and, taking his son as a partner, started the extensive nurseries now bearing his name.

Henry Kohankie had a host of friends and was highly respected in the community over which his sad death has cast a gloom.

A wife and one son, Henry Kohankie, Jr., survive.

Andrew Irwin.

Andrew Irwin, aged 75 years, died November 28, after an illness of twelve weeks. He was a veteran of the Civil war and a lifelong employee of the Pennsylvania railroad. Mr. Irwin was not connected with the trade, but was the father of Mrs. Albert M. Herr, of Lancaster, Pa., the treasurer of the Ladies' Society of American Florists.

August Grande.

August Grande, a familiar figure about the flower market at Indianapolis, Ind., died at his home, two miles west of that city, November 28. Mr. Grande's death was a surprise to his many friends here, as he was an unusually robust man. The immediate cause of his death was heart trouble, although he had been ailing a little since last July. Mr. Grande was born in Salevia, Germany, in 1862 and came to this country in 1881. He leaves a widow and three children; also a brother, John Grande.

John Seligman.

John Seligman, the wholesale florist of New York, who had been seriously ill for many months, died suddenly Saturday, November 27, from Bright's disease. He leaves a wife and child. Joseph J. Levy was his partner and together they built up a good trade and excellent reputation. Mr. Seligman was cut down in his early manhood, being only 37 years of age. His first engagement was with Michael Hart, then in the wholesale business and now with Charles Millang. He remained with Mr. Hart until he commenced business on his own account some six or seven years ago. Mr. Levy will continue the business.

GREAT BARRINGTON, MASS.—A new greenhouse has been completed at F. S. Pearson's Edgewood farm and a hot water heating system has been installed.

BENTON HARBOR, MICH.—Miss Elizabeth Carlson, whose store was formerly located on Pipestone street, has now opened her new quarters at 119 East Main street, where she has a nice stock of flowers.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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THE ANNUAL

CHRISTMAS NUMBER

will be issued

DECEMBER 16, 1909.



Don't Forget:—

advertising copy must reach the REVIEW office by 5 p. m. Tuesday, December 14, to be in time, and earlier will be better.

Some desirable advertisements usually are received the morning after going to press with a Special Edition. Send today. Don't get left.

SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1909: President, J. A. Valentine, Denver, Colo.; vice-president, E. G. Gillett, Cincinnati, O.; secretary, Willis N. Rudd, Morgan Park, Ill.; treasurer, H. B. Beatty, Pittsburg.

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
THE REVIEW brings results.

THE velvet poinsettia gives every indication of running the natural article a close race this month, and it has endurance on its side.

DON'T substitute on your wholesale plant orders, except with permission; give the customer what he orders or send his money back.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THE legal department of the city of Worcester, Mass., has decided that growing flowers is not "manufacturing," and that florists are not entitled to the special water rate given factories.

THIS issue of the REVIEW is NOT a special edition—it is all in the day's work—but it contains 100 pages, not to mention Mr. Heacock's little contribution in colors, and constitutes a rather more plainly visible evidence than any other how wonderfully the commercial side of floriculture has developed these last few years.

IT IS THE PLACE.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

You can stop my advertisement, as I have enough orders to dispose of our surplus stock. The Review certainly is the place for advertising, as it brings quick results.—R. W. Whitehead, Hammond, La., December 4, 1909.

AMERICAN ROSE SOCIETY.

The coming rose show is gaining attention in various ways. John Cook, of Baltimore, Md., sends on a prize of $15 for the best fifty My Maryland roses. Robert Scott & Son, Sharon Hill, Pa., say, "We would like to offer a prize of $25 for the best vase of Mrs. Jardine rose." The Conard & Jones Co. says, "We offer a prize of $4 for the best pot grown rose, American Pillar, and also a $4 prize for the best six sprays of the new rose, American Pillar." Henry A. Dreer, of Philadelphia, $5 for the best six plants in bloom of the Harry Kirk rose, and $3 for the second prize for the same. Peter Henderson & Co., New York city, for the best vase of roses, not less than twenty-five or more than fifty blooms, one or more varieties, arranged for effect, accessories in other flowers, foliage and also ribbon permitted; exhibitors may supply their own vase for this prize; first prize, $15; second, $10. The Dingee & Conard Co., for the best pot grown new rose, Charles Dingee, first prize, $4; second, $2; for the best blooms of the new rose, Charles Dingee, first prize, $4, and second prize, $2. His Honor the Mayor of Detroit offers a prize of $100 for the exhibit of pot grown roses.

The Horticultural Society of New York, under whose auspices this show is to be held, in the American Museum of Natural History, Seventy-seventh street and Central Park West, is desirous of having so fine an exhibit that the splendid quarters offered to the rosarians of America for their exhibit in the greatest flower-consuming city in the world will be a success in both quality and attendance. BENJAMIN HAMMOND, Sec'y.

December 4, 1909.

CHICAGO.

The Great Central Market.

Business ran down hill steadily last week until Friday, December 3, when it started on the up grade, and it has been going up ever since. Sunday, December 5, was a dark, disagreeable day, Monday was the coldest day of the season to date, and Tuesday brought a blizzard. The result has been a decided curtailment of supply, a consequent stiffening in prices, with a sharp advance in one or two lines, and an assumption of normal winter conditions. As is almost always the case in bad weather, the demand fell off through the operation of the same causes that reduced the supply, but this will not be for long. The market now is looking forward to a run of good, lively, winter business. The chrysanthemums are about out of the way. There are a few stragglers left, but the mum season is practically over, not only in Chicago, but in the towns to which Chicago ships the most flowers, and this condition marks the real opening of the winter season.

There were plenty of Beauties last week, but the demand was so good that prices worked upward, and this week, with slightly reduced supplies, the Beauty market is entitled to be called strong. The soft weather at the end of November and the beginning of December made soft roses, and quality of the average stock has been nothing to brag about, but the arrival of real winter is expected to work a quick improvement. Some excellent Richmond are in the market and are selling well. The Killarney also are

Killarney

NOW—and for Christmas

We want you to order some of our Killarney today, so you will send us your Christmas order—we know you will order a good lot for your Holiday trade as soon as you see what fine, stock we handle. Our supply is large and the quality is fine in all lengths. The crop will be at its heaviest for Christmas—can fill any order for any length.

RICHMOND is equally fine with us; shall have a big cut of special long stock for Christmas

BEAUTIES

You can order Beauties of us with the certainty that you are drawing on the best stock in the west. Fine, large heads on all lengths of stem, but mostly medium to long; excellent color, perfect foliage, strong stems—order some and see.

CARNATIONS

Carnations are in full crop with us—the same uniformly high quality stock that we have shipped in such large quantities in other years. If you are buying Carnations, send us an order—once tried you will use no other.

VIOLETS

If your trade appreciates good Violets, you need our stock. We handle the cream of the Hudson River doubles and the best fragrant home-grown singles. Once you use our Violets, you cannot get along without them. We shall have a big supply for Christmas.

CHRISTMAS

All our regular customers received our Advance Christmas Price List two weeks ago. If you are not on our mailing list, you ought to ask to be put on—we keep our people posted.

Drop us a card and we will send the Advance Christmas list by return mail.

Watch this page for Christmas Prices next week

Current Prices

AMERICAN BEAUTY	Per doz.
Long stems	$6.00
Stems 30 inches	5.00
Stems 24 inches	4.00
Stems 20 inches	3.00
Stems 16 inches	2.00
Stems 12 inches	1.50
Short	per 100, $8.00-$10.00

	Per 100
Killarney, special	$12.00 to $15.00
" select	10.00
" seconds	5.00 to 6.00
Richmond, special	12.00 to 15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
White Killarney, special	12.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Maid and Bride, special	10.00
" " select	6.00 to 8.00
" " seconds	3.00 to 4.00
Mrs. Field	3.00 to 8.00
My Maryland, special	4.00 to 10.00

CARNATIONS	
Common	2.00
Select, large and fancy	3.00 to 4.00

MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	1.00 to 1.50
" fancy single	1.00 to 1.25
Bouvardia, fancy	4.00 to 5.00
" short	2.00 to 3.00
Sweet Peas	1.00 to 1.50
Valley	3.00 to 4.00
Easter Lilies per doz., $2.00	15.00
Callas " 2.00	
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	3.00

DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax per doz., $1.50	12.00
Ferns per 1000, 2.00	.25
Galax, bronze " 1.00	.15
" green " 1.00	.15
Leucothoe	.75
Boxwood .85c bunch; $7.50 case	
Mexican Ivy per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

Fancy Valley Always on Hand

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

You can write or wire for anything you are short of in

Christmas Specialties
IN FLORISTS' SUPPLIES

No house in the country is better equipped to handle your rush orders. We have a big line of Supplies—a complete line—no matter what you need, call on us and we will get it off to you by first train.

JAPANESE AIR PLANT

Another big importation just in. The last lot was so fine it didn't last long. This lot is just as good.

CHRISTMAS RIBBON

Red or Foliage Green

No. 5, per bolt	$0.25	No. 22, per bolt	$0.75
No 16, per bolt	.60	No. 40, per bolt	.90
No. 80, per bolt	1.00		

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

in good shape, and White Killarney is easily the best white rose, Kaiserin being now practically over for this season. Now and then there is a buyer who wants nothing but Maid and Bride, but Killarney and Richmond are the best selling varieties. Several houses say the call for My Maryland is extremely light and that this variety must be brought personally to the attention of the buyers in order to effect its sale.

With the passing of the chrysanthemums, though a few still remain, the carnation has enjoyed an increased demand and prices have gone back up the scale. There still is a wide range in value. The stock of some growers is bringing first-class prices, while others are complaining of low returns. The difference is in the quality of the goods, but the producer of the stock the buyers do not favor cannot see where he falls down. Enchantress now is in full midwinter form, and Victory also is giving a good crop. It appears the proportion of Enchantress being grown is not so large as a year ago, and the proportion of white is larger.

Violets did first-rate up to the arrival of the blizzard. The receipts of the Hudson river stock are not so large as they were a year ago, doubtless due to the fact that the Rhinebeck growers are pushing out for new markets, but the quality of the stock never was better than it is at present. The retail stores that have the trade for good violets are doing a fine business. It is reported one local retailer has placed an order in one house for 50,000 violets for Christmas delivery.

Paper Whites were a glut last week and prices went down to where the returns only paid for the bulbs. This week they are doing slightly better, though the supply continues large. Easter lilies are in steady supply, but only moderate request. Receipts of callas increase slowly. There was a little skirmish for valley early this week. It frequently happens that Monday or Tuesday valley is closely cleaned up, while later in the week there is an abundance. Sweet peas are increasing in supply and improving in quality. They soon will become an important factor in the market, for literally

We Want Violets For Our Retail Store

We would like to place a standing order with some grower of good Violets in Kansas, Nebraska or Iowa. Send sample with prices.

THE PARK FLORAL CO., Denver, Colo.

Mention The Review when you write.

millions will be offered for sale in the first few months of the new year. Cattleyas are an extremely scarce item; Christmas prices were asked last week, but this week there are a few more in the market.

There is little change in the market for greens. Asparagus strings are becoming slightly more plentiful and smilax a little less plentiful. Boxwood is selling better. Ferns have gone up to $2 per thousand.

The Christmas Prospects.

The prospect for Christmas is beginning to be a theme for discussion. Everybody agrees that the demand will be large and that the supply will depend entirely upon the weather; pleasant weather means a good cut in practically every line, with sunless weather working a reduction in proportion to its continuance. The impression seems to be that the supply of Beauties will be large, with other roses in good quantity. Carnations look to be equal to the demand, with an excellent supply of violets and other stock.

One or two houses with specialties report that they already have booked a most satisfactory number of orders, but in general the buyers have made little inquiry for stock, seeming to be satisfied that the supply will be large and that they will have no difficulty in filling their wants.

Orders booked have been taken at the usual Christmas rates.

Club Meeting.

At its meeting at the Union restaurant December 2 the Horticultural Society of Chicago notified the Florists' Club that a committee had been appointed to confer with the club's committee looking to a closer coöperation of the two organizations in the 1910 flower show. The Horticultural Society's committee consists of W. N. Rudd, Carl Cropp, J. B. Deamud, E. Wienhoeber, August Poehlmann and F. B. Carpenter, all but the latter being also members of the Florists' Club.

George Sykes, Chicago manager for Lord & Burnham Co., New York; A. C. Kohlbrand, with E. C. Amling; J. H. Prost, the city forester, and Jos. Koeberquist, private gardener, were elected to membership. The name of E. B. Washburn, of Bassett & Washburn, was proposed.

Nominations of officers for the ensuing year were made as follows: For president, George Asmus; vice-president, H. E. Philpott; treasurer, E. F. Winterson; secretary, T. C. Yarnell and L. H. Winterson; trustees, Leonard Kill, H. N. Bruns, Albert T. Hey, F. F. Benthey, J. F. Klimmer, John Degnan, Alex. Henderson, Walter Scott, three to be elected.

The club voted to apply for membership in the Illinois Outdoor Art Association. A communication from Robert O'Dwyer pointed out a possibility for the club to secure representation on the State Board of Agriculture and the president was instructed to appoint a committee to push it along. T. E. Waters, who acted as secretary in the absence of Frank M. Johnson, who was in Kansas City that night on business for the A. L. Randall Co., was added to the committee which is to publish the club's by-laws and list of members.

The usual cigars and refreshments were served.

Now Booking Orders

For Christmas Cut Flowers

KILLARNEY

Best color, best flower, best stem. If you need strictly fancy stock, we have it. Also shorter lengths of equally good quality.

RICHMOND

Splendid quality in this leading Christmas rose. Fine large flowers, perfect foliage, on all lengths of stem, including the special long, fancy.

Place your Beauty Order with us

We have a large cut of fine Beauties and the crop will be at its best for Christmas. You can call on us for any quantity.

Also strong on My Maryland and White Killarney

CARNATIONS

Day after day and year after year we handle more carnations than any other house in the West. Call on us Now, for Christmas, and all the time. We've got 'em.

MAIDS AND BRIDES

You won't find better roses anywhere than those we are shipping to our customers. Large heads, good color, fine strong stems, clean foliage. Order of us and you will get fine stock.

STEVIA, MIGNONETTE, SWEET PEAS, VALLEY, PAPER WHITES

No Christmas Box is complete without some of these flowers. Mignonette has improved in quality very fast and is fine. Sweet Peas now have good long stems and nice color. Fancy Valley in quantity at all times. Plenty of extra fine Stevia and Paper Whites.

VIOLETS

Violets have for years been one of our leading specialties. We handle largest quantities and from the best growers in the United States. Don't wait to find out that some one else can't supply you, but place your Christmas order with us.

GREENS

Red Berries are fine this year. Finest Delaware Holly. Can supply Boxwood, Galax, Leucothoe, best fancy Ferns and all other greens in any quantity without notice. Also all greenhouse greens. You need these in stock at all times, especially at Christmas. Prices the same as always.

We look for a big Christmas all over the country. Better put in a larger order than last year. Do it now. With orders in early we shall know where we are at and can better take care of the late additions by wire.

Glad to send a Price List if you haven't received one.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

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CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS

Carnations, common.....$2.00 per 100; $15.00 per 1000
Carnations, fancy..... 3.00 " 25.00 "

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.50; 5000, $6.25.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist

311 MAIN STREET, Phone M-980 **CINCINNATI, OHIO**

Mention The Review when you write.

Various Notes.

The use of corrugated paper boxes for express shipments of cut flowers, a comparatively new thing, has been so generally adopted that the Sefton Mfg. Co. reports this department of its factory is having some difficulty in keeping pace with orders.

Webster Randall has been ill a few days—tobacco heart, the doctor said, and limited him to three smokes a day.

Frank Oechslin is looking forward to an extremely busy fortnight. His stock of plants is larger than ever, and the quality also is uniformly fine, for Mr. Oechslin is a believer in that oriental custom, the destruction of the weaklings.

The big special Thanksgiving edition of the Christian Science Monitor, a Boston daily newspaper, contained a Chicago supplement in which there appeared the advertisements of four Chicago retail florists, H. N. Bruns, J. F. Kidwell & Bro., C. A. Samuelson and Schiller.

A. C. Spencer says that he had made up his mind that the first part of December was going to be decidedly dull, but that he has been happily disappointed; business took a boost December 3 and has been good.

Miss Minnie Wattman, who presides over E. C. Amling's money-box and books, has been off duty for several days because of illness.

It is current report that the retail florists have now perfected a permanent organization, with Lovelace R. Bohannon at its head and Herbert Craig secretary, but when asked for the facts for publication Mr. Bohannon said he was too busy to talk, see Mr. Craig, and Mr. Craig declined to say anything at all. A circular letter has been prepared defining certain classes of buyers and orders as legitimately belonging to the retailers rather than anyone else.

Frank Ziska, who has spent twenty-six years in the wire business with his brother, Joseph Ziska, of the Chicago Rose Co., is opening a retail flower store at Twelfth street and Forty-third avenue.

It is reported that the cold snap caught John Evert's Sunday cut of chrysanthemums stored in an unheated shed.

A. E. Hunt, who has a stand in the Flower Growers' Market, says there was an error in the official list of awards given out for the Milwaukee flower show. He says that the award reported as having been made to Bassett & Washburn

Beauties
Violets
Roses

For Xmas

Carnations
Poinsettias
Paper Whites

Our Christmas Supply will be Large and Fine

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns. Valley every day in the year. Our stock and service, once tried, will cause you to become a regular customer ∴ ∴ ∴

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write.

for light pink seedling carnation was really won by the Chicago Carnation Co., with flowers of Mary Tolman grown by Hunt & Co. at Evanston.

Bouquet green is to be had by anyone who wishes to pay $7.50 to $8 per case. The market is stiff and recent weather conditions do not promise any further supplies.

Peter Reinberg has started to build a barn on Robey street, next to his switch, with capacity for twenty-four head of stock.

Kyle & Foerster have just added a large safe to the equipment of their wholesale store.

N. J. Wietor is carrying his left hand heavily bandaged because of a burn received a few days ago.

The Fleischman Floral Co. is on the street with its new automobile delivery car, about the showiest vehicle in town, and built specially for their purpose.

Vaughan & Sperry say the city buyers are interested in the subject of Christmas Beauties.

E. E. Pieser says the Bonnaffons still coming in at Kennicott's are selling rather better than at any other time this season.

John P. Risch says the prospect for Christmas business looks better to him than it ever did before.

Poehlmann Bros. Co. predicts a great popularity for the Cardinal rose the next few weeks, buyers taking it in place of medium Beauties.

Phil Schupp says the Jardine rose is coming to the front every day now, in the J. A. Budlong greenhouses.

The Benthey-Coatsworth Co. says crops are on the up grade at New Castle and a large holiday cut is expected by all the growers there.

George Pieser says Hoerber Bros. will have a cut of Richmond from the ground shoots for Christmas.

C. W. McKellar says the long hoped for cattleya crop is beginning to loosen up.

While on his way from E. H. Hunt's to the Northwestern depot Thursday evening, December 2, C. M. Dickinson suffered a fall, which resulted in badly spraining his left hand and forearm, laying him up for several days. December 7 Mr. Dickinson and family moved into their new residence, just completed at Park Ridge.

John Kruchten painted the stairs to his enlarged office this week, and every time a visitor stepped or sat in the paint he put on a fresh coat, ready for the next one.

Zech & Mann say that the poinsettias the market will have this year will average finer than for several years, with the

WESTERN

Chas. W. McKellar

ORCHIDS

51 Wabash Avenue, CHICAGO

Headquarters

Christmas Price List

ORCHIDS—Cattleyas, lavender	Per doz.,	$9.00 to	$12.00
Dendrobium Formosum, white,	"	5.00 to	6.00
Vanda Cærulea, white, tinted blue.	Per doz.,	3.00 to	4.00
Cypripediums, green.	"	2.00 to	2.50
Oncidium Tigrinum, yellow	Per 100,		10.00
Assorted, selected flowers	Per box,	5.00 to	25.00
Gardenias	Per doz.,	5.00 to	9.00
AMERICAN BEAUTY—Specials..	"		12.00
30 to 36 in.	"	9.00 to	10.00
20 to 24-in.	"	6.00 to	8.00
15 to 18-in.	"	4.00 to	5.00
Shorter.	"	1.50 to	3.00
Killarney, special	Per 100,	20.00 to	25.00
" select	"	10.00 to	15.00
" seconds	"	6.00 to	8.00
My Maryland, special	"	20.00 to	25.00
" select	"	10.00 to	15.00
" seconds	"	6.00 to	8.00
Richmond, special	"	20.00 to	25.00
" select	"	10.00 to	15.00
" seconds	"	6.00 to	8.00
Mrs. Field	"	6.00 to	25.00
Bridesmaid	"	6.00 to	15.00
Bride	"	6.00 to	15.00
ROSES, our selection, mixed	"		6.00
CARNATIONS			
Select	Per 100,	$4.00 to	$ 5.00
Fancy	"	6.00 to	8.00
MISCELLANEOUS STOCK			
Chrysanthemums, fancy	Per doz.,	3.00 to	4.00
" medium	"	1.50 to	2.00
Violets, double	"	1.50 to	2.00
" single	Per 100,	1.00 to	1.50
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00		15.00
Sweet Peas	"	1.00 to	1.50
Bouvardia	"	5.00 to	8.00
Paper Whites and Romans	"	3.00 to	4.00
Stevia	"	1.50 to	2.00
Poinsettias	per doz., $2.00 to $4.00		
Mignonette	"	4.00 to	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
"	Per bunch,	.35 to	.75
" Sprengeri	Per 100,	2.00 to	6.00
Adiantum	"	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50	"	12.00
Mexican Ivy	"		1.00
Ferns	Per 1000, 1.50	"	.25
Galax, green and bronze	Per 1000,		1.25
" " " "	Case 10,000,		10.00
Leucothoe	Per 100,		.75
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO

Mention The Review when you write.



High Grade Tags Should Accompany High Grade Flowers

A Florist's patronage depends in large measure upon the little niceties of service and the reputation established for refinement and quality, both in appointments and stock.

An artistic, distinctive tag is as essential to the well-equipped Florist establishment as a choice location, for it is *the Tag* that accompanies the flowers and imparts first impressions.

Dennison's Florist Tags

are used by the leading Florists of the country. Such tags are of course specially designed—of fine white stock printed and embossed in colors. Dennison Tags are distinctive—artistic—impressive—refined. A Dennison Tag specially designed will heighten the popular estimation of *your* business conduct. It will create a pleasant impression everywhere it goes. It will be noticed—commented upon. Therefore a profitable investment.

In ordering, send your trade-mark and suggestions for special design to Dept. "C" at our nearest store.

Dennison Manufacturing Company

The Tag Makers

BOSTON, 26 Franklin St.
CHICAGO, 25 Randolph St.
NEW YORK, 15 John St.
Up-town Store, Twenty Seventh St. Bet. 5th Ave. and Broadway
PHILADELPHIA, 1007 Chestnut St.
ST. LOUIS, 413 North 4th St.



A SURPRISE

Was the superior quality of our Carnations in competition with the largest and leading growers in the vicinity.

Cuttings of White Perfection, White Enchantress, Beacon, Victory, Winsor of prize stock cost no more than common stock. Order now.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

supply large; all the growers appear to have had excellent success.

E. F. Winterson Co. reports that some of the finest late Bonnaffons coming into this market are from J. R. Falkenstein, of Naperville, who will have them for some weeks to come. His 5,000 calla bulbs are expected to be in full crop for Christmas.

Bowling.

The bowlers are all tied up in a knot. At the session December 2 the Violets beat the Carnations two out of three and the two teams are now tied for first place. The Orchids and Roses also are tied for third in the league.

The scores December 2 follow:

Violets.	1st	2d	3d	Carnations.	1st	2d	3d
Bergman	135	125	149	Ayers	178	113	130
Johnson	184	133	171	Pasternick	109	148	161
Lieberman	115	106	109	Krauss	167	149	111
J. Kruchten	262	125	148	Farley	158	166	138
Yarnell	161	151	153	A. Zech	138	135	145
Total	797	640	730	Total	750	701	685

Roses.	1st	2d	3d	Orchids.	1st	2d	3d
Fisher	152	168	168	Huebner	128	123	136
Skafgard	114	127	144	Graff	147	140	167
Orseske	168	128	165	Vogel	100	127	91
Goerisch	119	152	125	Craig	97	127	109
Wolf	189	122	158	J. Zech	138	147	171
Total	742	697	760	Total	610	664	674

NEW YORK.

The Market.

The present week opened with Indian summer weather, but with the prediction of snow and a western blizzard. There has never been so favorable a fall for the nursery interest; not yet has a killing frost visited this section. But the holiday season is in the air and the Adirondacks have sent the advance guard of the Christmas tree consignments. The usual dullness preceding the Christmas business is here, and while stock is somewhat scarce and prices steady, no immediate advance from present quotations seems probable. Beauties have not gone above 40 cents and December 6 fine stock was selling as low as 25 cents in large lots. The Beauty supply this season promises to be abundant. Local growers of the standby are increasing in numbers, as the impossibility of competing with the American Beauty is realized. Of the pink roses, My Maryland seems to be gaining in popularity. The supply of Killarney is enormous; 8 cents is a fair average for the tea roses, a few selected ones bringing a higher figure and the bulk of the shipments selling from 6 cents down.

The shipments of mums are lessening daily and still there are more of the late varieties than ever before in December. It seems as if there will be a fair supply left for Christmas. Prices hold well. There are plenty of carnations and the perfect stock and the novelties bring good prices, 4 cents being a fair average. The top for violets is 75 cents. Rhinebeck stock is fully up to the average of other years in size and quality. Notwithstanding immense shipments to the west, there seems no diminution in the New York supply and the left-overs go, as usual, to the street men at unquotable prices.

Lilies have advanced at times during the last week, selling up to 12 cents. Valley is firm at 3 cents to 4 cents and even 5 cents for selected stock. The orchid is still king and everything arriving sells on sight, the price holding steady at 75 cents. Cypripediums bring from 10 cents to 12 cents and are of splendid grade. Hyacinths, narcissi and stevias are abundant.

Cold weather is needed to put snap and life into the business. The outlook for the winter season, and especially for Christmas, is optimistic. Prosperity is general and the using of cut flowers and flowering plants for the holiday promises to break all records. The plantsmen were never so well prepared for the inevitable buying wave that will soon be sweeping over Long Island and New Jersey, and not a perfect plant of any kind will be left unsold. The out-of-town buyers are already here and shipments are still being made with safety.

John Young's Plans.

John Young has decided to give up the sale of cut flowers at wholesale and devote more of his time to the development of the range of greenhouses at Bedford, N. Y. Large additions to this place are being planned, especially the erection of a big block of houses for growing carnations. The entire output of this place will be consigned to Traendly & Schenck. N. W. Young's address will continue at the store, 51 West Twenty-eighth street, which it is rumored will be occupied by him and Mr. Fenrich.

Various Notes.

W. J. Palmer, of Buffalo, was in the city December 6, making extensive purchases. "A great Christmas," is his prophecy.

G. E. Bradshaw celebrated his forty-third birthday December 4, twenty years having been spent in the florists' business. He expects to have a branch holly and evergreen store for the holidays, as usual.

The monthly meeting of the Florists' Club will take place Monday evening, December 13, at the Grand Opera House building on West Twenty-third street. It is election night and there will be a record crowd and much that is interesting in exhibits and entertainment.

The Aphine Co. will demonstrate its insecticide Monday afternoon, December 13, at the big store of the Manhattan Flower Market, 46 West Twenty-eighth street, from 2 to 5 p. m. Treasurer Ebel hopes for a large attendance and solicits the shipment of any plants affected with any of the insects to which plants are subject.

John Egenbrod, formerly with A. J. Guttman, is now on the staff of Millang Bros.

Mr. Paterson, formerly with Charles Thorley and lately with John Nicholas, died suddenly last week after an opera-



Eliminate Waste

Repair bills are an economic loss. This applies more to business wagons than to anything else. The best is the cheapest. Be sure it's an **Armleder** and you will save money.



You need our Catalogue I. It's free, but you must ask for it.

Just Address ARMLEDER, Cincinnati, O.

Mention The Review when you write.

A Public Test

OF

APHINE

The insecticide that kills plant lice of every species, will be held at

THE MANHATTAN FLOWER MARKET

46 West 28th St., New York City, N. Y., on Monday afternoon, December 13, 1909, from 2 to 5 o'clock.

All interested in floriculture and horticulture are cordially invited to attend this test. Bring plants, shrubs, or any stock that is infested with insects and disease, in order that the real effectiveness of **Aphine,** as an insecticide, may be fully demonstrated and established.

If you have used **Aphine** and have not been perfectly satisfied with the results obtained, but are not able to be present at this exhibition, write us and tell wherein you have been disappointed.

We will endeavor to show you that **Aphine** will do all that is claimed for it and (as many experts agree) MORE.

Trade papers are requested to have their representatives present at our exhibition, so that distant readers may be fully informed on the merits of the tests made.

Aphine is used at an average strength of 1 part to 40 parts of water—full directions on each can. Price, $2.50 per gallon.

Aphine is now on sale in New York, Philadelphia, Baltimore, Washington, Boston, Rochester, Buffalo, Detroit, Chicago, St. Louis, Denver and San Francisco; with negotiations pending for agencies in other cities in the United States and Canada.

Aphine is endorsed by the leading experts on insecticides.

If your supply house does not handle **Aphine,** write us and we will send you name of our nearest selling agent.

Manufactured by GEORGE E. TALMADGE, Inc., Madison, N.J.



125,000 square feet of glass

We grow a general line of Cut Flowers and Plants for the Wholesale Trade.
If your name is not on our mailing list, let us know.

The Pikes Peak Floral Co. :: Colorado Springs, Colo.

Mention The Review when you write.

tion for appendicitis. He was a young man of fine habits and character and widely respected.

Geo. Saltford is handling some large shipments of Beauties and My Maryland. The latter, he says, is growing fast in popularity.

Sympathy is extended Joseph Frank, 764 Third avenue, in the loss of his daughter by diphtheria.

Robert Marks, for seventeen years superintendent of the Darlington estate, at Orienta Point, Conn., died November 29 and was buried at Elizabeth, N. J. He was one of the old-time gardeners and Alex. McConnell pays a graceful tribute to his memory after an intimate acquaintance of over thirty years.

C. C. Trepel has secured larger and more convenient space in his department at Losier's, Brooklyn, and is now ready for his usual big Christmas business. Both here and in his conservatory on top of Bloomingdale's a large display of blooming plants is already installed.

Harry Crawbuck has sold a part of his nursery at Summit, N. J., and will move to Brooklyn for the winter season.

At the auction sale last week of the contents of a flower store on West Forty-fifth street, by judicious publicity, many leading florists were on hand and several of them were purchasers. Mr. Mallon secured the big icebox for $100. One private party bid up and secured most of the plants at about double their retail value. Auctions may become popular.

Mr. Bonnet, of Bonnet & Blake, was away last week in his sloop on his final fishing excursion of the year.

W. H. Kuebler's florists' supply department in Brooklyn is growing rapidly and the firm is badly cramped for room. Mr. Kuebler says he will have mums far into the new year.

It is rumored that Henshaw & Fenrich will move from their present location shortly, to the opposite side of the street and the ground floor.

Kessler Bros. have a great stock of fine palms and blooming plants ready for the Christmas demand at their big store.

Reed & Keller say 1909 has been their banner year. Large shipments go out daily to all parts of the country.

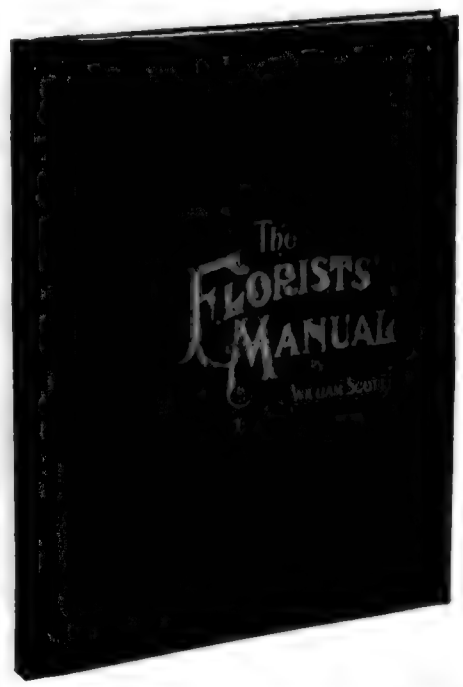
H. Kenney, of Brooklyn, is now settled in his big new factory and reports a constant growth in his shipping trade during 1909.

J. K. Allen says all rose stock from Madison is maintaining the reputation of the growers of that section of Jersey, which includes Chatham and Short Hills, Maid and Bride still predominating.

H. E. Froment says the daily cut of Killarney from the lately completed big house of L. B. Coddington reaches into thousands daily.

Holly, Christmas wreaths and greens of every description are now displayed in the downtown section of the city, the bulk of the business being handled locally by the commission merchants or out-of-town shippers. The streets near the

THE IDEAL
Christmas Gift
The Florists' Manual



A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Just the thing for a gift for your employees or friends in the trade. Give us the name of the person you wish to remember. We will ship the book in time for delivery

CHRISTMAS MORNING

with a letter telling that the book is sent with your best wishes.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings. **Price, $5.00, prepaid by express or mail.**

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn St., CHICAGO

Now booking orders for Christmas

Never so well fixed as now to take care of Holiday business—supply much larger than ever before and quality right up to top notch—no better stock anywhere. Specially strong on....

Beauties, Roses, Carnations, Violets

Send a good order now (you'll need more than last year) and mail or wire additions as needed.

Christmas Price List

BEAUTIES	Per doz.
36-inch stems	$12.00
30-inch stems	10.00
24-inch stems	9.00
20-inch stems	8.00
15 inch stems	6.00
12-inch stems	$3.00 to 4.00
8-inch stems	1.50 to 2.00
	Per 100
Killarney, fancy	$20.00 to $25.00
" medium	12.00 to 15.00
" short	6.00 to 10.00
Brides, fancy	12.00 to 15.00
" good	6.00 to 10.00
Maids, fancy	12.00 to 15.00
" good	6.00 to 10.00
Richmond, fancy	20.00 to 25.00
" good	10.00 to 18.00
Golden Gate, fancy	12.00 to 15.00
" good	6.00 to 10.00
My Maryland, fancy	20 00 to 25 00
" good	6 00 to 15 00
White Killarney, fancy	20 00 to 25.00
" good	6.00 to 15.00
Roses, our selection	6.00

	Per 100
Carnations, select	$4.00 to $ 5 00
" fancy	6.00 to 8.00
" red	10 00
Violets, double	1.50 to 2.00
" single	1.00 to 1.50
Valley	4.00 to 5.00
Callas	doz., $2.00
Harrisii	doz., 2 00
Poinsettias	doz., $2 00 to 4.00
Paper Whites, Romans	3.00 to 4.00
Mignonette	8.00
Stevia	1.50 to 2.00
Leucothoe	.75
Adiantum	1.00 to 1.50
Smilax	doz., $2.00
Asparagus strings	each, .50
" sprays	bunch, 35c to 1.00
Sprengeri	bunch, .35
Galax	per 1000, 1.25 .15
Ferns	per 1000, 2.00 .25
Red Berries	$1.50, $2.50 and $3.00 per case
Boxwood	$7 50 per 50-lb. case
Wild Smilax	$5.00 per large case
Mistletoe	25c per lb.

—SUBJECT TO CHANGE WITHOUT NOTICE.—

VAUGHAN & SPERRY

Wholesale Florists, 52-54 Wabash Ave., CHICAGO

Mention The Review when you write.

docks, especially West street, are the center of the enterprise. When perfect stock of holly and bouquet green is wanted the florist must go to the seedsmen. Several of the oldest houses have cut this trade out this year, finding it unprofitable.

Cycas leaves from Bermuda are being handled by James McManus. The demand for orchids grows daily and Mr. McManus says he can dispose profitably of as many as arrive and still have call for more.

Charles Millang will celebrate at Christmas his silver jubilee, having then completed twenty-five years of trade experience.

The engagement of Herman Berkowitz, the artist of the retail flower store of Young & Nugent, and Miss Beatrice Wagner is announced.

At the new store of the Flower Shop, on West Forty-second street, near the Knickerbocker hotel, Mr. Neff, the proprietor, has had many years' practical experience in both greenhouse and decorative management. Around the corner on Broadway the store of Mrs. J. W. Scallen has been divided and half the space of the old store is utilized.

The Kervan Co. is kept busy by the call for evergreen roping.

The ribbon houses say that all the Christmas plant arrangements will carry ribbons this year, if the volume of their sales is any indication. They are rushed.

Bowling.

The Astoria Club's scores last week show steady improvement. The latest project is a grand tournament at these alleys, instead of at New York, on the evening of Tuesday, December 21, to which Flatbush, Madison and the New York Florists' Club will be invited. The entire alleys will be at the disposal of the club and forty bowlers can be accommodated. Entries may be made with Phil Kessler, Captain Berry or with President Siebrecht, of the Astorias. Three fine turkeys will reward the winners. The scores last week were as follows:

Player.	1st	2d	3d	4th
Miesem	176	177	168	175
Drury	110	120	158	184
Doerhoefer	116	143	136	150
Bleckwen	136	147	151	169
Siebrecht, Jr.	137	130	121	163
Lorenz	134	132	123	156
Boese	107	116	103	164
Anderson	107	99	125	100
Donaldson	153	133	156	158
Siebrecht, Sr.	127	155	181	130
Jacobson	131	123	126	132
Henry Siebrecht	168	118	131	120
Arnold	102	141	102	158
Berry	167	169	130	146
Donaldson, Jr.	143	123	122	135

J. AUSTIN SHAW.

NORTHAMPTON, MASS. — Alexander Parks has planted the flower beds in the public gardens with tulips for next spring's growth.

WORCESTER, MASS.—It is reported that the city water commissioner has refused to supply water to the Worcester Conservatories at manufacturers' rates, on account of the ruling made by the law department that growing flowers and shrubs is not a manufacture. The manufacturers' rate is 10 cents per 1,000 gallons, while others pay 20 cents per 1,000.

CARNATIONS

Our Customers are Rapidly Increasing Their Sales

We have a big supply of Carnations—the kind that ship well and sell well—and our customers are increasing their orders almost every day. **That tells the story.**

We Should Like to Book Your Order Now for Christmas

Roses, Poinsettias, Valley,
Lilies, Stevia, Bulb Stock, Greens

Finest Single and Double VIOLETS That Come to This Market.
We shall have a large supply of fine stock in all lines

We always bill shipments at the market rate.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 **CHICAGO**

Mention The Review when you write.

DETROIT.

Breitmeyer's recently had their annual chrysanthemum show. They showed many vases of fancy varieties, all of them their own growing. The main feature of the show was their table decoration, which was changed daily. This attracted much attention. The table was in the large show window on the Broadway side and drew many people. The designs on the table were the work of the young ladies in the store and were quite unique. H. S.

Write for Special Prices on all Holiday Goods

WIRE GOODS FOR CHRISTMAS

CRIMPED WIRE RINGS

	Per 100	1000
8-inch	$0 40	$3.75
10-inch	.45	4.00
12-inch	.50	4.50
14-inch	.60	5.50
16-inch	.80	

All Orders will be Promptly Filled

WILLIAM E. HIELSCHER, 38-40 Broadway, DETROIT, MICH.

Mention The Review when you write.

MILWAUKEE.

The Market.

The dark, yet mild weather of the last week kept the market well supplied in all lines. Local business with most of the retailers was rather slow; consequently the prices varied at different times. For the first time carnations were plentiful. There were also plenty of roses. In mums only a few odd lots of the later sorts come in and they do not cut much figure; they again are a thing of the past. Violets are good and are cleaned up readily. Plenty of stevia can be had, and also some Romans and Paper Whites.

Sunday afternoon, December 5, the mild weather was pushed to one side by a cold wave, when the thermometer took a drop of 40 degrees. This was accompanied by a strong west wind, blowing at the rate of forty miles an hour.

Club Meeting.

The club meeting on Thursday, December 2, was a record breaker, not only in attendance, but also in what was accomplished. It was the best attended meeting of the year 1909. Cards announcing the election of officers, the flower show, the executive committee's report and refreshments no doubt helped to bring the boys around. Everyone present seemed highly pleased with the report, even if it did not show a financial gain, and with the grand success which was achieved by the committee in charge. A resolution was adopted providing that a flower show be held next year, if a guarantee fund half as large as the one secured this year could be raised.

C. B. Whitnall, an honorary member of the club, was present and President Dallwig called on him for a few remarks. He tried to explain in brief, for it was getting late, the benefits of the proposed civic center which is commanding the interest at present of the Metropolitan Park Commission, of which he is a member. His remarks were highly interesting and instructive.

After the meeting the boys sat down to a venison lunch furnished by C. C. Pollworth and put up in a most appetizing way by Mrs. Pollworth. They dispersed at 12:30, saying that that was the finest venison lunch they ever partook of.

The following officers were elected for the ensuing year: President, Nic Zweifel; vice-president, Alex. Klockner; treasurer, J. G. Heitman; secretary, Eugene Oestreicher; trustee for three years, Art. Leidiger; trustee for one year, to fill unexpired term of Mr. Zweifel, Gust Pohl.

Various Notes.

The C. C. Pollworth Co. expected its first car of holly the first part of this week. Mr. Pollworth, who has just returned from the northern woods, says that he thinks bouquet green will be a scarce article for the holidays, as there is too much snow up there. They are cutting large quantities of fine carnations at their greenhouses.

J. M. Fox & Son have the decoration for the annual charity ball, to be held at the Auditorium December 7, for the bene-

Remember

We can supply anything that is to be had in Chicago—can supply when stock is not to be had anywhere else. See our

CHRISTMAS Prices in Next Week's Review

Whenever you are stuck, all you have to do is to call on

KENNICOTT BROS. CO.

48-50 Wabash Avenue, CHICAGO

WRITE, WIRE OR PHONE

Mention The Review when you write.

Fine Stock in Good Supply

You can call on us for everything you need—we have never been better fixed to take care of all orders.

Our Christmas prices in next week's Review.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

CURRENT PRICE LIST

BEAUTIES		Per doz.
48-inch and over		$5.00
30 to 36-inch	$3.00 to	4.00
24 to 30-inch	2.50 to	3.00
18 to 20-inch	2.00 to	2.50
12 to 15-inch	1.00 to	1.50
8 to 12-inch	.50 to	.75
ROSES (Teas)		**Per 100**
Bride and Maid	$4.00 to	$ 8.00
Richmond	4.00 to	10.00
Killarney	4.00 to	10.00
White Killarney	4.00 to	10.00
My Maryland	4.00 to	10.00
Kaiserin	4.00 to	8.00
Perle	4.00 to	7.00
Roses, our selection		4.00
CARNATIONS, medium		2.00
" fancy	3.00 to	4.00
MISCELLANEOUS		
Mums.....per doz., $1.50 to $3.00		
Harrisii Lilies		15.00
Valley	3.00 to	4.00
Violets	.75 to	1.50
Paper Whites		3.00
Stevia		2.00
Sweet Peas		1.00
GREENS		
Smilax Strings.....per doz.,	1.50 to	2.00
Asparagus Strings.....each,	.50 to	.60
Asparagus Bunches..... "	.35 to	.50
Sprengeri Bunches..... "	.35 to	.50
Adiantum.....per 100,	.75 to	1.00
Ferns, Common.....per 1000,		2.00
Galax..... "		1.25
Leucothoe		.75
Boxwood.....lb., 25c		
Wild Smilax .....$2.50, $3.50 and		4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

fit of the Milwaukee Infants' Home. The firm had an unusually large amount of funeral work on Monday, December 6, which necessitated considerable work on the Sunday previous.

Mr. Benke, of Loeffler & Benke, Watertown, Wis., was a visitor Sunday forenoon. An extra order for 2,500 violets which they could not get into this market on time, if they depended on transportation companies, was the cause of his presence in our midst.

The Holton & Hunkel Co. reports a good supply of Beauties from the Brown Deer plant. Shipping trade, which continues fine, helped keep stock from piling up at certain periods of the week.

E. O.

GRAND RAPIDS, MICH.—The Wealthy Avenue Floral Co. is erecting another greenhouse, 130 feet in length. With this latest addition, the tract of ground on which the range is located is now entirely covered with houses.

BOSTON.

The Market.

While business has been pretty good, on the whole, during the last week, the unusually mild weather has made the output of flowers quite heavy, rather more than there was demand for. With somewhat cooler conditions now prevailing, there should be lessened production and brisker business all around. Chrysanthemums still come in from a number of growers, but do not now dominate the market. As a rule, they are rather small. Roses are extra fine, and the Beauties are making $4 and $5 per dozen for the best and are unusually good. Killarney and White Killarney are exceptionally fine. Richmond are also of excellent quality. Some fine Bride and Bridesmaid are seen, but these are now back numbers so far as selling goes, the Killarney and My Maryland being in the ascendant.

Carnations are cleaning up quite well, but large quantities are coming in, which will cause prices to lower. Violets are now quite equal to midwinter quality and do not show much change in prices. Singles easily lead in popularity. A few growers, however, are successful with Campbells and bring in good flowers. Sweet peas as yet do not sell well. With mums out of the way they will do better. Mignonette is arriving from several growers, but the spikes lack size. Valley, gardenias and orchids are all in good demand. Lilies are not overplentiful. Callas are also rather scarce. A few poinsettias have appeared, but it is too early for them to be selling at their best. Paper Whites and Romans are more plentiful. For green stock of all kinds there is a good demand. Advance orders for Christmas greens of all kinds are large.

Various Notes.

Members of the Gardeners' and Florists' Club and other interested friends are reminded that the team leaves the North Terminal station at 11:30 a.

Something New—

Dellwood Fern Dishes

and Window Boxes



They are light, neat, attractive and are made from an unbreakable composition. They have a pan to contain the soil, with an extra drip pan below. Strong and durable. Made in antique assorted finishes, in these sizes:



5x7 in., 8x8 in., 4x13 in., 4x18 in. and 5x20 in., and are from 4 to 5 in. high.

Complete description and list of prices, YOURS FOR THE ASKING.

Manufactured by

GOLD FURNITURE CO., 2300-2318 S. Western Ave. **Chicago**

N. Y. Office, E. J. SCHWABE, 814 Broadway

Mention The Review when you write.

m., Saturday, December 11, for the field day at Nashua, N. H. A large attendance is already assured.

Vigorous steps are being taken by the society for the protection of native plants to put an end to the excessive cutting of mountain laurel in this state for Christmas and other festivals. Efforts will be made to sufficiently arouse public sentiment so that districts where it grows abundantly will be closed to the dealer in greens. The demand will certainly soon use up the remaining supply, unless prohibition is enforced.

The Boston Flower Exchange, recently incorporated, held an important business meeting December 4. Excellent progress was reported in the selling of stock, and the new company starts out under bright auspices.

William Spillsbury, of Woburn, whose specialties are cucumbers and single violets, is handling large quantities of the latter of exceptional excellence. Mr. Spillsbury is one of our largest violet specialists and does them well.

November was an exceptionally mild month. The mean temperature was 46.5, against the normal for thirty-nine years of 41.2. It just equaled the warmest November on record. The rainfall, which all came at the end of the month, was 4.11 inches, a trifle over normal.

William T. Walker has a grand lot of Lorraine begonias and other flowering stock for Christmas, grown in that gentleman's usual finished style.

John Barr, of South Natick, has, as usual, a superb lot of cyclamen of just the right size for commercial use. Mr. Barr's houses of carnations are giving him a fine lot of blooms at present and will be in heavy crop for Christmas.

Beacon, Enchantress and Queen are three of Andrew Christensen's best paying carnations at Stoneham.

W. N. Craig.

William A. White, formerly of Milford, but for several years engaged in the florists' business in Boston up to a few months ago, has bought a cigar and tobacco store on Bedford street.

West Somerville, Mass.—Frank J. Reynolds has opened a store in the new Woodbridge block.

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, **25c each**, by mail postage paid. **By the dozen, $3.00**, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.

MILWAUKEE PLANS SHOW.

The Milwaukee Florists' Club will give another flower show next year, providing a guarantee fund can be raised to cover any danger of deficit. Members believe that no trouble will be encountered in raising this fund.

"We did not make any money at the last show, but were not disappointed," said W. E. Dallwig, former president, to a reporter December 4. "When we undertook to give the show it was with the realization that we would not make a profit. We had a guarantee fund, however, to cover all losses.

"A new executive committee will be appointed in January, and steps will be taken immediately for the next show. We will be in a position next year for an event that will eclipse the one held recently."

New officers for the ensuing year have been elected as follows: President, Nic Zweifel; vice-president, Alex Klockner; treasurer, J. G. Heitman; secretary, Eugene Oestreicher; trustee for three years, Arthur Leidiger; one year, Gust Pohl.

BALTIMORE.

Maryland State Horticultural Show.

With the largest and finest display of fruits and flowers in the history of the organization, the twelfth annual meeting and exhibition of the Maryland State Horticultural Society was formally opened at the Fifth Regiment Armory December 2. The armory was thronged with large crowds of interested visitors from the state and city.

Aside from the exhibits, the program of the society's meetings contained many valuable features in the way of lectures and other items.

As the visitor entered the armory the first thing to catch his eye was the immense landscape gardening exhibit of the park board of Baltimore, which had been placed in the center of the armory floor, under the direction of James Boone, superintendent of Clifton park. The space covered by this exhibit was 30x65 feet and it was a complete display of the work of the skilled landscape gardener.

Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross

NOTHING LIKE IT FOR THE MONEY

Gustave Schroeder, Artificial Flower Manufacturer

1524 Prospect Ave., Cleveland, O.

Samples sent on receipt of 16c to cover postage.

Mention The Review when you write.

Lily of the Valley

For Cut Flowers—Prices, $3.00 and $4.00 per 100. Have an entire house of it and solicit a share of the trade of the Southwest. Satisfaction guaranteed. Shipping facilities are the best and we can handle all orders.

A. E. BOYCE, Bartlesville, Okla.
400 E. 3d St., or Phone 206 Long Distance

HEADQUARTERS FOR



Xmas Greens

Holly Wreaths

	Per 100
Extra fine grade	$10.50
Michell's "special" made up	12.00
Michell's "Extra Special"	15.00

Holly (Loose)

The very choicest, well berried; will sell on sight, packed in cases 2x4x2, or 16 cubic ft. Extra selected, well berried and foliage well colored.

Per 1 case	$ 5.00
Per 5 cases	22.50
Per 10 cases	42.50

Laurel Wreathing

Michell's extra heavy special, made up.

Per 25-yd. lots	5c per yd.
Per 100-yd. lots	4½c per yd.
Per 1000-yd. lots	4c per yd.

Mistletoe

Well berried and perfect foliage.

¼ case	$ 3.00
½ case	5.50
1 case (16 cubic ft.)	10.00

Lycopodium (Ground Pine)

Loose, for making up.

Per 100-lb. lot	$8.00

Lycopodium Wreathing

Extra fine quality.

Per 10 yds	$0.70
Per 100 yds	6.50

Moss

Green Lump, extra fine, per bbl., $1 50; 5 bbls. for $6.25.

Sheet Moss, extra fancy, $2.75 per bbl. sack.

Sphagnum, clean and selected, bbl. bales, 75c; 5 bbl. bale, $2.25; $11.00 per 5 bales.

Henry F. Michell Company

Market Street, above 10th Street, Philadelphia

Mention The Review when you write.

Hoerber Bros.

Wholesale Growers of Cut Flowers

Greenhouses, Des Plaines, Ill.

Store: 51 Wabash Ave., Long Distance Phone Randolph 2758 CHICAGO

Mention The Review when you write.

With a border of potted tropical plants, the entire floor space was covered with sod from Clifton park. In the center was an immense mound of tropical plants; at the side were design beds which were perfect in every respect. The exhibit called forth the admiration of everyone and it was the largest of its kind ever seen under a roof in Baltimore.

R. Vincent, Jr., & Sons Co. exhibited two immense beds of pompon chrysanthemums which were extra fine. They had about fifty varieties grouped together, with large vases of them arranged about the hall.

J. G. Harrison & Sons, of Berlin, Md., exhibited an immense lot of trees, both fruit and shrubbery of every variety. This exhibit was laid off with a hedge of California privet about two feet high.

The Griffith & Turner Co. and J. Bolgiano & Son both had large displays of seeds and tools of every description.

The awards in flowers were as follows:

Roses—American Beauty, George Morrison, first.

Red roses, other than American Beauty, Andrew Anderson, first; Stevenson Bros., second.

Pink roses, James Hamilton, first; John Cook, second.

White roses, Stevenson Bros., first; M. J. Hannigan, second.

Any color roses, James Hamilton, first; M. J. Hannigan, second.

American seedling rose, John Cook, first, with fine red, not yet disseminated.

Carnations—Rose-pink Enchantress, Philip B. Welch, first; I. H. Moss, second.

Enchantress, I. H. Moss, first; P. B. Welch, second.

Lawson shade, P. B. Welch, first, with Alvina; H. Weber & Sons, second.

Red, I. H. Moss, first; H. Weber & Sons, second.

White, George Morrison, first; I. H. Moss, second.

Variegated, H. Weber & Sons, first; George Morrison, second.

Henry Eichholz, of Waynesboro, Pa., received a certificate of merit for a crimson seedling carnation, Christmas Cheer.

Chrysanthemums—Twelve blooms pink, M. J. Hannigan, first; George Morrison, second.

Twelve blooms white, George Morrison, first; M. J. Hannigan, second.

Twenty blooms pink, George Morrison, first; M. J. Hannigan, second.

Twenty blooms white, M. J. Hannigan, first; George Morrison, second.

Violets—Best single, John Cook, first; M. J. Hannigan, second.

Sweet peas, P. B. Welch, first; H. Weber & Sons, second.

Berried plants, F. C. Bauer, first; George Morrison, second.

Display of cyclamen, C. J. Gregorius, first.

Poinsettias, I. H. Moss, first.

Begonia Lorraine, George Morrison, first; F. C. Bauer, second.

Specimen fern, F. C. Bauer, first.

Assortment of crotons, George Morrison, first; M. J. Hannigan, second.

Window box of hardy plants, for window decorations, F. C. Bauer, first, I. H. Moss, second.

Window box of flowering plants, J. Bolgiano & Son, first.

Pressed flowers—Exhibit of native flowers, Dr. J. F. Harned, Oakland, Md., first.

Mantel decoration, R. L. Graham, first.

Collection of evergreens, I. H. Moss, first.

Collection of decorative plants, H. A. Dreer, Philadelphia, first.

Collection of pompon chrysanthemums, R. Vincent, Jr., & Sons Co., first.

The best novelty was a new carnation, Christmas Cheer, a fine scarlet in bloom. It had, by actual count, thirty-two buds and flowers. It was awarded a certificate of merit. It was exhibited by Henry Eichholz, of Waynesboro, Pa., who also raised Alvina, which has proved to be a fine pink and an excellent bloomer.

Q.

NEWPORT, VT.—J. R. Farrant has torn down one of his old greenhouses and has build a new one, in the shape of a lean-to addition to his dwelling. The new addition will be heated by the same plant that is now used for his other house.

HANOVER, MASS.—Newton The Florist, who took possession of the Hanover Greenhouses about a year and a half ago, has developed the business and enlarged the equipment until he now has 18,000 square feet of glass. He grows roses, carnations, violets and chrysanthemums and caters to the wholesale Boston trade, as well as to the retail trade. Recently he completed a new house, 43x112, for carnations. He has also installed the Morehead steam trap and an up-to-date water system.

Niessen's
News Column

FOR THE
Christmas Holidays

we will offer to the trade a supply of cut flowers that will compare favorably in quantity and quality with any being offered in this country. Along with this excellent supply we give you the best kind of service—the kind that is distinct in its promptness and care in the execution of your orders; to qualify it correctly, we would refer to it as the

NIESSEN SERVICE

On or about the 15th we will issue our Christmas price-list, a correct guide for every florist purchasing his supply in the East. A copy will be mailed to you for the asking.

For the coming week, we would call attention to our stock of

BEAUTIES

The two top grades are most plentiful, quality never better. Large orders will be filled at quantity price.

WHITE and PINK KILLARNEY

are leaders with us in the rose line; in splendid form, of quality sure to please.
$5.00 to $12.00 per 100.

CARNATIONS

Firsts.....$2.00 per 100.
Fancies ... 3.00 per 100.
Special.... 4.00 per 100.

The market today offers unusual values in carnations, on account of the splendid quality.

A few items worthy of mention on account of increased supply, or better quality, are

POINSETTIAS
DAISIES
SWEET PEAS
STEVIA
CYPRIPEDIUMS
MIGNONETTE

BOXWOOD

50 lb. Case, $7.50.
An excellent Christmas green. Properly made up, a ready seller.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

Select Carnations

Carnations are at their best; we offer very select blooms in all the leading varieties at unusually reasonable prices. We recommend in soft pink, Enchantress; in bright pink, Winsor; in scarlet, Beacon, and in white, White Perfection. There are plenty of other good varieties that we can furnish in small or large quantities, as desired, at $3.00 per 100; $25.00 per 1000.

Other Specialties

Fancy Single Violets, My Maryland Roses, Extra Quality Valley, Poinsettias for Christmas. Choice, well berried Holly. Wild Smilax for the decorator. Best quality Boxwood, $15.00 per 100 lbs.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

[All mail trains arriving in Chicago December 8 were delayed by snow and cold weather. The usual Philadelphia market report had not come to hand when the hour of going to press arrived. —Ed.]

Club Meeting.

At the meeting of the Florists' Club of Philadelphia, held Tuesday evening, December 7, the paper by Charles Henry Fox, published on page 21 of this issue of the Review, was read. Hearty applause greeted its conclusion and a most interesting discussion followed, participated in by Adolph Farenwald, Samuel S. Pennock, Leo Niessen, Edward Reid, Joseph Heacock, J. Otto Thilow, John W. McIntyre, Robert Kift, Robert Craig, John Westcott and others. The growers told of their heavy expenses and the wholesalers cited the law of supply and demand as governing the prices of cut flowers, both at holiday seasons and other days of the year. Mr. Fox said he thought this law was set at defiance when flowers were sold cheaply the day after Christmas. The reply was that it was not stock that the shops could use. Mr. Pennock said he thought that if the retailers would help the market in times of oversupply by pushing flowers, prices at the holidays could be lower; in his view, extreme depression causes extreme altitude.

Henry Eichholz, of Waynesboro, Pa., exhibited a fine white sport from Chrysanthemum Helen Frick and a bright pink sport from Carnation Enchantress.

PHIL.

CHARLESTON, ILL.—Etta J. Nott says trade is excellent, roses and carnations looking fine and the sale of fall bulbs the best ever.

DIGHTON, MASS.—J. Harvey Briggs has completed a new greenhouse, at his residence on Williams street. The house will be used for violets and sweet peas.

SHRUBS FOR EASTER.

What is the proper treatment to give the following shrubs to have them in bloom for Easter: Amygdalus flora rubra, Prunus triloba, Weigelia Eva Rathke, Cytisus Laburnum, Magnolia stellata, Spiræa Van Houttei, wistaria, Genista Andreana? They were all imported this fall and pot grown.

S. N. P.

All the plants named are better left outdoors until they have had one or two freezings. The pots, of course, should be protected. Keep them in a frame, laying them on their sides if there is not much headroom, or in a cold cellar until it is time to start them. This will be preferable to leaving them outdoors, as they will be more easily got at when wanted.

Prunus triloba, Magnolia stellata, Amygdalus flore pleno rubra and Wistaria Sinensis will come into flower in forty days if started in a house with a night temperature of 60 degrees, removing them to 10 degrees less heat as they expand. The spiræas, weigelias and Cytisus Laburnum should be allowed two weeks longer. Genista Andreana we prefer to start about the new year in a cool greenhouse. It is better when not subjected to hard forcing. Of course, by starting any or all of the plants early in January in a temperature of 50 degrees they will flower by March 27, and if you have bench space to spare and can grow them in this way they will be all the better for it. Any which may seem somewhat late can easily be pushed two or three weeks before Easter. It is of course possible by hard forcing to get these shrubs in flower in less time than we have named, but the flowers will be much lacking in substance and will wilt quickly if exposed to cool draughts.

C. W.

SHARON, MASS.—Mrs. Jennie P. Snow has opened a flower stand at Somerville, Mass., in the store of W. C. Stickle, newsdealer, in Teele square.



Some Christmas Specialties with us in Greens:

Holly

Extra selected, the best our gatherers can obtain in the Holly fields of Delaware and Maryland.

Per case, $5 00.
In lots of 5 cases, $4.50.
In lots of 10 cases, $4.00.
Special prices in quantity. Every case guaranteed.

Holly Wreaths, per 100, $15.00; extra heavy and large, $18.00 to $20.00 per 100; extra special, $25.00.
Laurel Wreathing, No. 1, per yd., 6c; No. 2, per yd., 5c.
Magnolia Leaves, green and brown, baskets contain 800 to 1000 leaves, $2.50 per basket.
Boxwood, in 50-lb. cases, $7.50.
Green and Bronze Galax, $6.50 per case of 10,000.
Green Leucothoe, $6.00 per 1000.
Bronze Leucothoe, $7.50 per 1000.

Xmas Red Ribbons

(satin taffeta) quality same as our famous Killarney and My Maryland.

PRICES—Red Baby Ribbon, 40c per spool.
Red Cords, No. 1093, $3.50 per gross.
Red Cords, No. 1096, 6.00 per gross.

Crepe Paper, Immortelles, Artificial Poinsettias, in fact anything in Xmas accessories.

Our general catalogue for the asking.

Open 7 a. m., close 6 p. m. Not open for business on Sundays.
Not responsible for flowers after delivery to express company.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow St., Philadelphia, Pa.

1212 New York Ave., WASHINGTON, D. C.

P/M QUALITY

BEAUTIES

Philadelphia Growers have a national reputation for the quality of their Beauties and it is with pride that we can say the best are coming to the P/M establishment. They are now cutting freely all lengths, especially the better grades, quality, deep rich color and long, heavy bud, satisfying the most critical buyers.

PRICES

	Special	Fancy	Extra	1st	2d
American Beauty.....per 100	$45.00	$40.00	$30.00	$20.00	$10.00
American Beauty ....per doz.	6.00	5.00	4.00	2.50	1.50

For Christmas, prospects were never brighter for the caring of our Beauty customers. In quantity to meet the demands of all, whether by the dozen, hundred or thousand, and of the very brightest quality. Prices on request.

My Maryland, Richmond and the 2 Killarneys

December never found our growers in better shape on these roses; would be hard to beat on the exhibition table; some splendid long stemmed specials, fine flowers and good bright color.

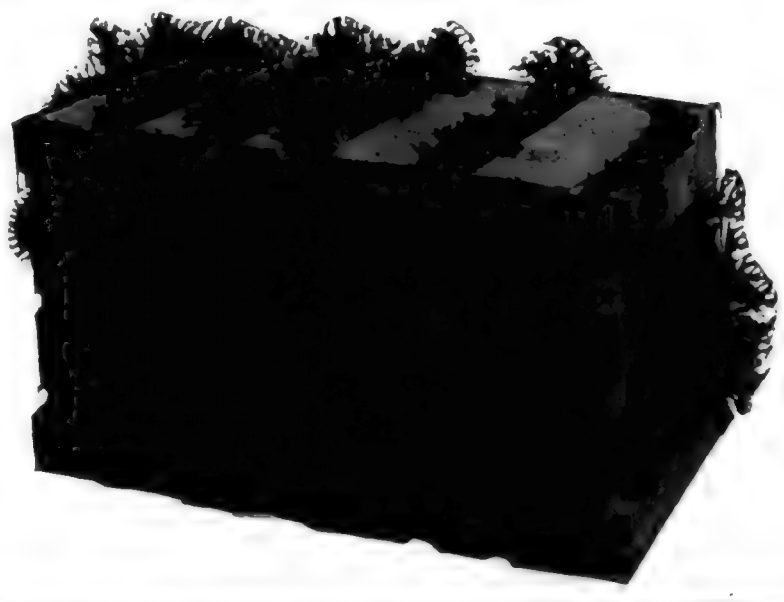
PRICES—Special, $20; fancy, $15; extra, $10; 1st, $8; 2d, $6

Gardenias, No. 1, $3; Fancy, $4; Specials, $5

Boxwood

One of the P/M introductions. This, as a Christmas Green, has no equal. Some of the most beautiful and artistic effects can be made, especially in combination work, with something else that will make a bold and at the same time pleasing contrast.

Xmas list of Greens on application.



THE Florists' Supply House of America

IMPERIAL CHINAWARE

We have just received a fresh importation by the steamer Marquette of this popular Chinaware, containing many novel Vaselets appropriate for table decoration or for Christmas gifts.

CREPE PAPERS, pleated and water-proof in all the best flower shades; these crepe papers will greatly enhance the beauty of your plants.

Loose **HOLLY BERRIES,** loose **STATICE,** in natural, green and red, very effective when used on immortelle, ruscus or other wreaths, giving that touch of originality so much prized by floral artists.

We have many beautiful varieties of the most graceful **FERNS,** electrically prepared so that they are durable. You can use them with perfect safety where they will receive hard usage, they will last a long time; **ADIANTUM, ASPARAGUS, ARAUCARIA, PTERIS, ETC.**

BASKETS. Our stock of fancy and standard Baskets has never been finer; we can give you anything you want, from the ordinary everyday basket for the center of a table to the daintiest Paris creation of today.

IMMORTELLES. Our fresh stock in all colors enables us to fill rush orders fully and promptly.

Don't forget that our factory is at your disposal. We can make anything you want in florists' supplies in a jiffy.

Send for our Illustrated Catalogue of Everything in Florists' Supplies.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.



Mission No. 1.

Florists' Baskets

Our aim is Artistic Baskets; that is what makes them appeal to discriminating people. Every basket is made by hand, and finished as if our whole reputation depended upon that particular basket. Madison Basketcraft Co.'s baskets are designed for use as well as beauty. They are practical, indestructible, made of willow in odd and artistic shapes, and colored in various delicate tones. Greens, gun metal and browns are the best colors.

PRICES TO THE TRADE

Diameter Outside	MISSION No. 1 Opening	Each	Diameter Outside	MISSION No. 1 Opening	Each
10-inch	8-inch	$1.25	15-inch	11-inch	$2.50
12-inch	9-inch	1.75	18-inch	13-inch	3.00
13-inch	10-inch	2.00	21-inch	15-inch	3.50

We sell nothing but Baskets. Make two hundred different shapes. Sendjin a trial order. Any that do not please, you may return.

YOUR ORDER NOW—PLEASE

MADISON BASKETCRAFT CO.

MADISON, OHIO

Let us send you illustrated catalogue with prices.

Mention The Review when you write.

PITTSBURG.

The Market.

Another week of bright weather has brought quantities of flowers into the market. Roses were never better at this season of the year, nor carnations more plentiful. In fact, the quantities coming in make one feel that there will be nothing left when the bad weather comes, which is likely to happen any day now. Notwithstanding the big cut, the wholesalers seem to get rid of it all. The shipping business has been exceptionally good, and this, with an increased demand in the city and a rather extraordinary day's business Saturday, seemed to clean up nearly everything in sight that sold at a reasonable price.

The retail shops are slowly bringing out holiday goods. As a rule, they do not show these more than two weeks before Christmas and they are in no hurry this year, as the weather seems to make them look out of place.

Various Notes.

Harvey Sheaf, manager for Mrs. E. A. Williams, caught the crowd last week with a gold window. The background was green. With the new gold basket, a vase of yellow orchids and specimen plants of yellow crotons, it was really artistic and deserved the many compliments it received. Mr. Sheaf generally uses one kind of flowers in his window and gets an effect that is always artistic.

A. W. Smith, in the many windows in his big store, has many effects, which are changed every day, and there is always a study for the passer-by that makes it worth while going out of the way to see what is new.

Randolph & McClements, in their several windows, showed fine effects in roses and orchids. The corner on the Beatty street side showed ferns. On the Baum street side were Lorraine begonias, crotons and other blooming flowers.

H. L. Blind & Bros., in the Center avenue store, had a fine show of begonias and other plants, arranged to catch the eye of the connoisseur.

In fact, a person passing from one shop window to another does not wonder when he sees customers inside, and though in the trade yourself, you can scarcely resist going in and buying some of the pretty things. I believe it is not saying too much when I give the retailers in this city credit for showing, not the most lavish display, but fully as artistic effects as are seen anywhere in the country, and this is largely responsible for the quantity of flowers sold in this city. The day when a dealer got in his supply, placed it in the refrigerator and waited for someone to come in and buy is past.

William Loew, the Christmas green goods man, is as much in evidence as ever. He is like a ball player; every year is his last until the next comes around.

John Bader unloaded several cars of imported stock last week and several more are expected this week. Mr. Bader reports the plant trade as above the average and getting better.

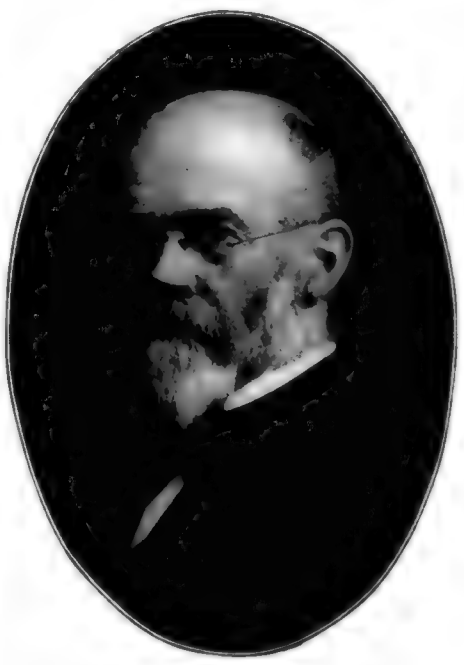
John Foss, who scratched his hand about Thanksgiving, is at the hospital. Blood poison set in and it is reported that he may lose his arm.

John Murchie, of Sharon, Pa., was a visitor, spending a day with Fred Burki in going over the plant of the Pittsburg Cut Flower Co. Mr. Murchie is one of



Carnation Dorothy Gordon

(Reproduced in actual size on the following page)

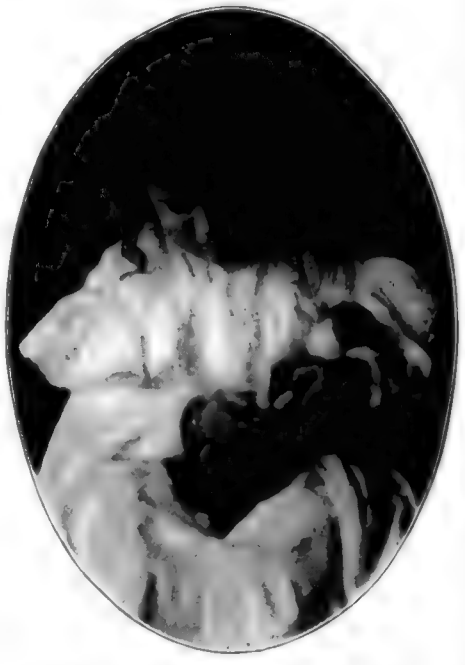


Joseph Heacock—Disseminator

THIS is a new Carnation of rich color, large size and striking beauty, introduced and now offered for sale by the Joseph Heacock Company, Wyncote, Pa. It is a seedling of Lawson on Enchantress, and has been given a series of very thorough trials which fully warrant the statements now made for it.

Dorothy Gordon Carnation was first exhibited at the annual meeting of the American Carnation Society at Washington, in March, 1908. It there received a Certificate of Merit and the following score: Color, 22 points; Size, 18; Calyx, 3; Stem, 20; Substance, 8; Form, 12; Fragrance, 3—a total of 86 points.

At a meeting of the National Gardeners' Association in New York this year, "Dorothy Gordon" was awarded a silver cup as the best seedling for 1909. Further description will be found on the next page.



Dorothy Gordon—For Whom Named

Carnation Dorothy Gordon



A more vigorous grower than Pink Enchantress, and entirely free from disease. Produces an abundance of large and fragrant flowers in good form on long, stiff stems; flowers average over three inches diameter. The color is a shade darker than Pink Enchantress.

Extract from the minutes of the Florists' Club of Philadelphia, January 5, 1909

Your committee on Novelties visited the establishment of Joseph Heacock Company and examined their new Carnation, "Dorothy Gordon," on December 30. The variety resembles Rose Pink Enchantress in color and form, but it is superior to that variety in being of a more uniform color, and is also larger and of greater substance. It is of stronger constitution and has a stiffer flower stem. Your committee tested the keeping qualities and find them to be good The flowers were kept in an ordinary potting shed, and were salable four days after being cut.

(Signed) EDWIN LONSDALE
J. W. COLFLESH } *Committee*
ROBERT CRAIG

Attest: DAVID RUST, Secretary

Although we had not advertised the Carnation "Dorothy Gordon" previous to November 1 we had up to that time sold 60,000 rooted cuttings on the merit of the plant itself. We are thoroughly convinced that "Dorothy Gordon" is a Carnation of decided value, and have accordingly greatly enlarged our facilities for growing it. Our Houses are in charge of an experienced propagator, assuring the production of strictly "Quality Stock."

Double the Profits of Enchantress

Our experience has convincingly demonstrated that "Dorothy Gordon" will yield, *in actual cash*, double the returns that can be expected from Enchantress. When given the best of attention, Enchantress produced one-third less flowers than did "Dorothy Gordon" under the same conditions; moreover, the flowers of "Dorothy Gordon" brought us 50 per cent more money in the market. Using as a basis, therefore, the price paid for Enchantress, "Dorothy Gordon" made the following showing.

100 Enchantress, worth, say . . .	**$6.00**
Additional value of extra one-third produced by "Dorothy Gordon" . .	**2.00**
Fifty per cent higher price received for "Dorothy Gordon"	**4.00**
	$12.00

These are conservative figures, supported by our experience, showing conclusively that "Dorothy Gordon" *can* and *does* produce twice as much money as Enchantress, with the same care.

Our Books Open to Inspection

We invite interested persons to inspect our books, which will show what we sold at wholesale, the prices received and orders booked.

PRICES:
Per hundred, $10.00; Per thousand, $75.00

VISIT US AT WYNCOTE

We want you to see this magnificent new Carnation, and invite you to visit our plant at Wyncote whenever convenient. Our establishment is open every day except Sunday, and our display of Carnations, Kentias, Orchids and Roses makes such a trip worth while.

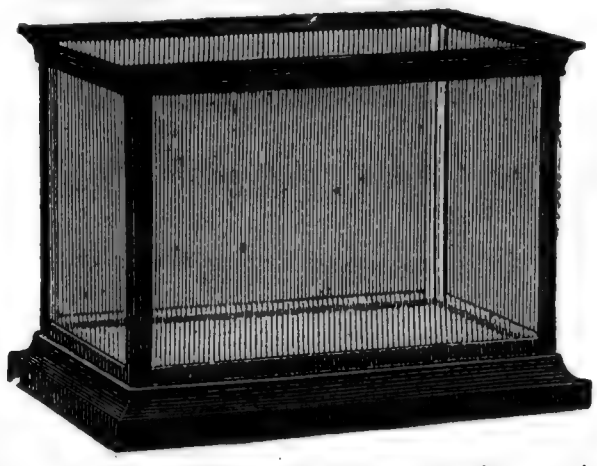
Wyncote is ten miles from City Hall, Philadelphia, and is reached in twenty-five minutes over the Philadelphia & Reading Railway. An excellent service of 100 trains on weekdays is maintained.

Orders will be delivered in strict rotation.

Joseph Heacock Company : Wyncote, Pa.

The "Leader" Japanned Aquariums

Heavy galvanized iron frame, dark green, enameled, with gold striping.



No.	Length	Width	Height	Capacity	Price
24	17½	13½	10½	6½ gals	$5 00

Our Xmas Offer

One Aquarium like this for your own use.

Invest $25.00; realize $54.00; your profit $29.00

(And one aquarium for yourself)

1	Doz. 1-pt. globes, retail for 10c each	$ 1.20
1	Doz. ½-gal. globes, retail at 25c	3.00
1	Doz. 1-gal. globes, retail at 50c	6.00
3	1½-gal globes, retail at 75c to 85c	2.40
2	2-gal. globes, retail at $1.00	2.00
2	3-gal. globes, retail at $1.50	3.00
6	Doz. Fish Food, retail at 10c box	7.20
1	Doz. Cabomba moss, retail at 10c	1.20
1	Doz. castles, at 15c each	1.80
1	Doz. castles, at 25c to 35c	3.00
½	Doz. boxes sea shells, at 20c	1.20
1-6	Doz. large castles, at 50c each	1.00
100	Medium small fish, at 10c	10.00
40	Medium large fish, at 20c to 85c	8.00
4	Extra fancy fish (Japanese Comets)	2.00
1	Dip Net, free. 1 Large rustic stand	1.00
	TOTAL	$54.00

SEND FOR ILLUSTRATED CATALOGUE

The Auburndale Goldfish Co.,

New No., 920 W. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

WHETHER YOU WANT SPECIAL HOLIDAY RIBBONS, CHIFFONS, GAUZES, OR TAFFETAS AND SATIN TAFFETAS FOR EVERY DAY, THE PINE TREE BRAND RIBBONS

ought to be your first consideration, **made in our own Mill**—these Ribbons have a rich luster, come in narrow, medium and wide widths, and they cost no more than Ribbons **having less Silk in them.**

WE SELL DIRECT TO YOU.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

the old-time growers, who is getting young every day.

Among the other visitors were David Linn, Lock No. 4, Pa., and Oliver Crissman, Punxsutawney, Pa. HOO-HOO.

WINTERING BOXWOOD.

I have some boxwoods that I bought about three months ago. I am keeping them in my store-room and keep them moderately damp. The leaves are turning brown and are falling off and the plants look as if they were going to die. Will you please tell me something about the treatment of them? F. B. F.

Boxwoods, like bay trees, should have a cool shed, cellar or store-room over winter. They are almost hardy and dislike fire heat and its drying influences. I am afraid your plants must have suffered from dryness at the roots, either before or since you received them. You must keep the soil constantly moist. Dry conditions at the root annually kill more evergreens than cold. It is not unusual for the leaves to assume a brownish tinge after the arrival of cold weather and some will probably fall from time to time. Keep the plants moderately cold; just clear of frost will answer, but wherever they are, never let them get in the least dry at the root. Place them outdoors early in May. C.

ST. LOUIS.

The Market.

The retail business last week was not at all satisfactory. There is no steady demand and we hope that the cold wave that came down on us Sunday, December 5, will make the business more lively from now on. There were no receptions or weddings of any note and the only work that kept some of us busy was the funerals, which used up considerable quantities of white stock and left the colored stock in the hands of the wholesalers. Stock of all kinds has been plentiful all during the last week. The wholesalers say that the demand was weak and that quite a lot of stock was dumped, especially colored stock.

Chrysanthemums are coming to an end fast and this week will about see the last of them for this season. Carnations have been coming in heavily of late and of excellent quality in all varieties. Roses, too, are most plentiful in all grades and varieties, with prices low. Beauties are coming in fine, with fair demand only. Romans and Paper Whites promise to be good and plentiful this season. Harrisii and callas sell well, but there are not any too many coming in. Violets are not so good, but the colder weather will bring them out. Everything in greens can be had in plentiful supply.

Various Notes.

J. F. Ammann, of Edwardsville; Edwin Denker, of St. Charles, and Henry Emunds, of Belleville, were visitors last week, buying supplies. All had a good word for Thanksgiving business.

C. A. Kuehn is putting a fresh coat of paint on his store front. The wire and supply departments are kept busy now for the holiday trade.

Mrs. Berry, grandmother of George B. Windler and Robert J. Windler, died last week. The funeral took place from her late residence on South Virginia avenue. There were many beautiful floral designs sent by friends in the trade.

John Connon, of Webster Groves, is cutting a nice lot of carnations for this market. Mr. Connon says he has a large wedding to furnish, in the city, next week.

The Kelley Floral Co., at Eighteenth and Olive streets, is having a big run on goldfish. Its window display has been attractive during the last week.

Miss M. Vesey, of Fort Wayne, Ind., has been a guest of Miss M. Meinhardt since the flower show. Miss Vesey likes St. Louis very much.

Ostertag Bros. have several swell weddings for this month. They have had an unusual amount of funeral work during the last week.

The W. C. Smith Wholesale Floral Co. is having a good run on florists' supplies of all kinds. Its consignments of carnations and violets have been large.

Miss Theresa Badaracco has been rather busy since Thanksgiving with work of all kinds. She is known as the art florist.

Henry Berning is receiving good con-

HOLLY-HOLLY-HOLLY

If you are in the market for some FANCY DELAWARE HOLLY, let me hear from you. I have contracted for the Holly off of 175 acres of swamp woods in Delaware and it contains some of the finest dark green Holly trees that ever grew, and it is chock full of Berries. I will have it packed in regular size cases, 2x2x4, and guaranteed as represented. Will be ready to ship about December 1st. Price per case, $3.00; 10 case lots or over, $2.75. Special quotation on 50 cases or over. Shipped direct from the woods.

HOLLY WREATHS

My Holly Wreaths will be made of the very finest selected dark green Holly on 10-inch hoops, and will be well-berried. $10.00, $12.50 and $15.00 per 100, according to quality.

LAUREL WREATHING

My Laurel Wreathing will be made of the brightest Swamp Laurel that it is possible to secure in 25 and 50-yard lengths. Price, 8c per yard.

MISTLETOE

My Mistletoe, from North Carolina, will be extra selected and full of berries. Per case, $5.00 to $10.00, according to quality.

LYCOPODIUM, in 10 yard rolls, 8½c and 10c per yard.

I make a specialty of the above and guarantee all goods as represented or money refunded. Cash must accompany all orders.

F. B. WOOLEY, 152 Dock St., Philadelphia, Pa.

Reference: 6th National Bank. Mutual Trust Co.

Mention The Review when you write.

signments daily from A. Jablonsky, William Winter and Mr. Ude. Carnations have been coming in heavily of late.

Alex. Johnson has all of his new houses completed.

Hugo Gross, of Kirkwood, daily is sending to this market a fine lot of carnations and violets. A fine lot of sweet peas will be in soon.

Fred H. Weber, on Boyle avenue, has displayed in his show house a fine lot of blooming and decorative plants. Business has been good with him of late.

George Angermueller has had good consignments of American Beauties and other roses during the last week.

The plant trade has been improving of late with the west end florists, who are showing some fine stock. Charles Beyer, William Schray & Sons, R. J. Windler and Sanders have some excellent stock coming on for the holidays.

The management of the poultry show, which is being held this week at the Coliseum, has invited all the members of the Florists' Club, who attend the club meeting Thursday, to visit the show in a body after the meeting.

J. A. Evans, Richmond, Ind., was a recent visitor. J. J. B.

Max Herzog, the florist and landscape gardener, formerly located at 6957 Scanlan avenue, is preparing to open a store, with a greenhouse attached, at 2600 California avenue. The new place will be ready for business about Christmas.

PROVIDENCE, R. I.

The Market.

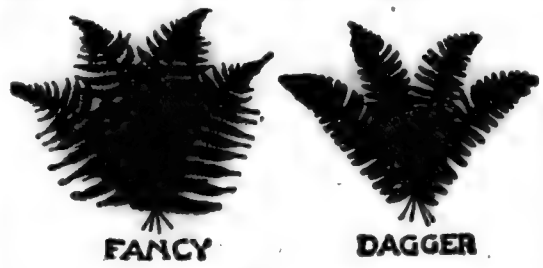
Excepting for funeral work, there was little doing last week. It was the usual lethargy that follows a holiday. The cleaning-up of mums is now on, although several of the growers have small crops that have been held back for Christmas. Carnations are coming in their best form, Beacon and Enchantress holding the popular favor. In nearly every instance they are of good size and good color and have long, stiff stems.

The first of the potted stock for the Christmas holidays has made its appearance, Jerusalem cherries, cyclamens, primroses, palms and ferns now being seen. Azaleas and poinsettias will begin to arrive in a day or two, with a small quantity of bulbous stock. Greens have also made their bow, but it will be ten days before this feature attains its height.

Various Notes.

The funeral of Carl H. Jurgens took place from his home on Pelham street, Newport, Monday morning, November 29, and was, by the wish of the deceased, of a simple character. There was no singing and no pallbearers. The house overflowed with relatives, friends and associates. It was appropriate that the deceased should be covered with his favorite flower, valley. The casket cover of this flower was arranged by Gibson Bros. There were many floral tributes from gardeners, the Newport Horticultural Society, many of its leading members and florists. The employees of the deceased, fifty or more in number, who marched in a body, headed by the foreman and oldest employee, Henry Nissen, sent a large wreath of roses. The interment was in the Island cemetery.

A fire which caught from an over-



New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States Hinsdale, Mass.

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $1.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N. C.**

Fancy **Maryland Delaware Virginia** **HOLLY**

Holly, long or short branches, per case.....$3.00
Green Sheet or Log Moss, per bbl..... 1.25
Laurel, for decorating, per case..... 2.50
Laurel, for roping, large bag..... 1.00
Ground Pine or Running Cedar, per bag..... 1.00
Stone Tomato Seed, per lb..... .50

Cash with first order Telegraph orders promptly filled.

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.

HOLIDAY PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50	per 1000
Galax, green, violet size, 2 to 2½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

Always Mention the Florists' Review when writing advertisers

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per bunch.....25c Per case of 50 lbs.. 7.50

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.50 Per 50 lb. case.. 5.00

SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, WHOLESALE COMMISSION FLORIST, 34-36 East Third Street, **Cincinnati, Ohio**

Mention The Review when you write.

Holly Wreaths and Mistletoe

Why not buy your Holly Wreaths and Mistletoe cut direct from the swamps of Delaware.

We quote 14-inch **Holly Wreaths,** perfectly made, with 4 large clusters of berries, per 100, f. o. b., $9.50; per 100, delivered by freight, $10.00.

Mistletoe, heavily berried, properly packed, any quantity, per lb., 20c, f. o. b., express only.

Cash with Order

H. AUSTIN CO.
Felton, Del.

THE KERVAN CO.

113 W. 28th St., NEW YORK
WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.
Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.
Christmas Greens, Holly, Mistletoe, Pine Plumes, Table and Christmas Trees. **All Decorating Material in Season.**

Mention The Review when you write.

WREATHING

We have the **Green** and can fill your orders. **Light,** $3.00; **Medium,** $4.00; **Heavy,** $5.00 per 100 yards.
Holly Wreaths, fancy, $1.50 per doz. **Scarlet Bells,** 20c, 30c, 50c and $1.00 per doz. Cash or C. O. D.
Full line of **Xmas Trees;** write for prices.

JOS. BANCROFT & SON, Cedar Falls, Iowa

Bronze Galax

New crop now ready. Medium size, 2½ to 3-in., at $3.00 per case. Large size, 3¼ to 4½ in., at $3.50 per case. 10,000 to the case. "Low prices, low rates and first class leaves," my motto. Send me at least a sample order.
Cash with order.

C. H. WRIGHT, Saddle, N.C.
Mention The Review when you write.

PENNSYLVANIA GROUND PINE

Best roping, $5.00 per 100 yards.

HOLLY AND GROUND PINE WREATHS
The florists' kind. Write for prices. Order early.
J. G. MEYER
335 Academy St., WILLIAMSPORT, PA.
Mention The Review when you write.

Delaware Holly

I am Headquarters for Holiday Decorations
Box Holly and Holly Wreaths, and Evergreen Cedar.
Terms Moderate. Write for Prices.

H. E. CONWELL, :: Milton, Del.
Mention The Review when you write.

P. G. GIANNOPULOS & CO.

Wholesale dealers in



DAGGER FERNS, GALAX,
Princess Pine, Laurel Leaves, Sprays, Etc.
New Haven, Conn.
Mention The Review when you write.

READY NOW For Fall and Winter Shipments.

G. J. WALKER

Dealer in

FANCY AND DAGGER FERNS
SAVOY CENTRE, MASS.
Mention The Review when you write.

FERNS and GALAX New crop, fresh from the patch.
Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience.
Cash with first order.

R. L. HODGES, Banners Elk, N. C.
Mention The Review when you write.

heated furnace damaged a greenhouse on the Shadow Farm on the outskirts of the village of Wakefield, owned by Edward L. Welsh, on the night of November 29, but the good work of the Wakefield volunteer fire department saved the structure from total destruction.

Charles W. Smith is seriously ill at his home, 389 Angell street. While his attending physician looks upon his advanced age as somewhat unfavorable, strong hopes are entertained of his recovery. Mr. Smith has been secretary of the Rhode Island Horticultural Society for twenty-five years, arranging for and conducting the regular exhibitions. On the occasion of his seventy-ninth birthday in September, on the opening night of the dahlia exhibition of the society, Mr. Smith was the recipient of a handsome token of the high esteem in which he was held by his associates.

The Highland Floral Co. has opened a retail store at 23 High street, Pawtucket.

Lawrence Hay is bringing in some of the finest Beacons seen in this market for a long time.

William Jurgens, of Newport, was in the city December 3.

Paul Berkowitz was a visitor here November 29, in the interests of H. Bayersdorfer & Co., Philadelphia.

The probate court at Newport held a special session on November 30, when the will of Carl H. Jurgens was proved, notice being waived and letters testamentary thereon granted to Louise Jurgens, the executor named therein. It is a family will. W. H. M.

ATHENS, PA.—Fred Tracy is building a greenhouse and making other improvements on his farm.

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.50. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

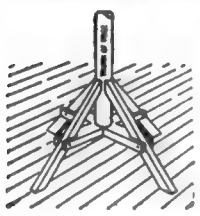
Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



Mention The Review when you write.

BARTON XMAS TREE HOLDER



Simple, Practical, Inexpensive.

Simply drive a nail into the bottom of tree and weight brings legs of holder against tree as clamps. Hundreds sold last year to Florists selling trees.

Only $1.60 per dozen.

Address BARTON MFG. CO. Ivyland, Pa.

Mention The Review when you write.



FERNS! FERNS!

FRESH AND FINE. Prompt service. Quality guaranteed.

Fancy or Dagger Ferns.....$1.00 per 1000; $3.50 per case of 5000
Green or Bronze Galax..... .50 " 4.50 " 10,000
Green Leucothoe Sprays, large.....$2.00 per 1000
" " " " 12 to 16 inch..... 1.25 "
Bronze " " " ..... 3.00 "

Holly, very fine, $3.00 per case, 2x2x4.



THE MOUNTAIN FERN CO. :: BUTLER, TENN.

Mention The Review when you write.

GEO. M. AUTREY & SON

want your orders for

Galax Leaves and Leucothoe Sprays

We always carry in stock a large amount of these evergreens. Write us for prices.

HARVARD, N. C.

Mention The Review when you write.

Southern Wild Smilax

Ferns, Pines, Palms, Holly

Louisville Floral Co., Louisville, Ala.

Mention The Review when you write.

Western Florist Supply House

Save freight and expressage by buying near home.

Christmas Greens

Holly, Wreaths, Roping, Etc.

Write for our new price list.
A large stock now ready for prompt delivery.

THE BARTELDES SEED CO.
DENVER, COLO.

Mention The Review when you write.

HOLLY-HOLLY

Wreaths and Laurel Roping.

Have in my swamp choice Holly, which will sell at $2 40 per case: large lots, reduced prices.
Holly Wreaths, $8 00 per 100.
Laurel Roping, 2½c per yard.
Cash with order.

JACOB SCHLOSSER, Delmar, Del.

Mention The Review when you write.

HOW CEMENT IS MADE.

Portland cement—it gets its name from its resemblance to the color of Portland stone—is now so largely used about greenhouse establishments that florists in general may be interested in the manufacture of the article. The Atlas Portland Cement Co., the largest firm in its line, has issued a book on cement and its uses, from which the following paragraphs are taken:

"Portland cement is manufactured from a mixture of two materials, one of them a rock like limestone, or a softer material like chalk, which is nearly pure lime, and another material like shale, which is a hardened clay or else clay itself. In other words, there must be one material which is largely lime and another material which is largely clay, and these two must be mixed in exact proportions, determined by chemical tests, the proportions of the two being changed every few hours, if necessary, to allow for the variation in the chemical composition of the materials.

"Portland cement, then, is made by quarrying each of these two materials, crushing them separately, mixing them in the exact proportions, and grinding them to a very fine powder. This powder is fed into long rotary kilns, which are iron tubes about five or six feet in diameter, lined with fire brick and over 100 feet long. Powdered coal is also fed into the kilns with the ground rock and burned at a temperature of about 3,000 degrees Fahrenheit, a temperature higher than that needed to melt iron to a liquid, and there is formed what is called cement clinker, a kind of dark, porous stone which looks like lava.

"After leaving the kiln, the clinker is cooled, crushed and ground again to a still finer powder, so fine, in fact, that most of the particles are less than 1/200 of an inch in size, and this grinding brings it back to a light gray color.

"It is now placed in storage tanks or stock houses, where it remains for a while to season before it is put into bags or barrels and shipped. The barrels weigh 400 pounds gross, or 376 pounds net. When shipped in bags, the weight is ninety-four pounds per bag, four bags being equal to one barrel.

"Portland cement must be stored in a dry place, that is, in a barn or shed, for dampness is the only element which will injure its quality. The cement will become lumpy and even form a solid mass when kept in a damp place, and when in this condition it should not be used. All lumps which do not crumble at the lightest blow should be thrown out.

"Cement stored in a building must not be placed on the bare ground. Make a platform which is at least six inches above the ground, and store the cement on this platform. If the building has a concrete floor it is advisable to cover the floor with planking, upon which to place the cement.

"Concrete is composed of a certain amount or proportion of cement, a larger amount of sand, and a still larger amount of stone. The fixing of the quantities of each of these materials is called proportioning. The proportions for a mix of concrete given—for instance, one part of cement to two parts of sand to four parts of stone or gravel—are written 1:2:4, and this means that one cubic foot of packed cement is to be mixed with two cubic feet of sand and with four cubic feet of loose stone.

"If, when placing concrete with the proportions specified, a wall shows many voids or pockets of stone, use a little more sand, and a little less stone than called for. If, on the other hand, when placing, a lot of mortar rises to the top, use less sand and more stone in the next batch."

We have had a nice trade this season on pansies; the Review did it.—J. H. Krone, Jr., Fort Smith, Ark.

XXXX HOLLY $5.00 per case



Laurel Wreaths, $2.50 per doz. and up.
Laurel Festooning, 6c per yd.
Boxwood Wreaths, $6.00 to $18.00 per doz.
Princess Pine Festooning, made all round, $6.00 100 yds.
Bu. Laurel, 50c.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Fancy and Dagger Ferns, $1.25 per 1000.
Green and Bronze Galax. Green, $1.00, 1000; Bronze, $1.50, 1000.



Cut Boxwood Sprays

$16.00 per 100 lbs.

Full line of Florists' Supplies. All kinds of Insecticides. Seasonable Cut Flowers. Chrysanthemum and Carnations in all standard varieties. Roses—Beauties, Richmonds, Marylands, the two Killarneys, Brides and Maids. Lilies, Orchids, Gardenias, Valley, Violets, Adiantum, Asparagus.

Henry M. Robinson & Co.

TELEPHONES
Main 2617
Main 2618
Ft. Hill 25290

Wholesale Commission Florists

15 Province St., and 9 Chapman Pl., BOSTON, MASS.

Orders filled promptly, properly and to your satisfaction.

Mention The Review when you write

Fancy or Dagger Ferns

$1.00 per 1000



Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $3.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.



Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.



Galax, Ferns, Leucothoe, Etc.



Quality always guaranteed. Prompt shipment.

Galax, green and bronze	50c per 1000; $4.00 case 10,000
Ferns, Fancy and Dagger	90c per 1000; 3.50 case 5,000
Leucothoe, long green	$2.00 per 1000, any quantity
Leucothoe, short green	1.00 per 1000, any quantity
Leucothoe, beautiful bronze	3.00 per 1000, any quantity

We make LEUCOTHOE a Specialty.

T. J. RAY & CO., Elk Park, N. C.

Mention The Review when you write.

YOU'VE HAD TROUBLE

in securing

MISTLETOE

that would qualify with your trade? Most everyone has had the same trouble in the past. However, this year we've "landed" a good lot of...

The "Qualification" Kind

Our man is a "crackerjack" packer and this enables us to get same to you almost as plentiful of berries as it contained in the woods.

We've christened this **Fancy Mistletoe**

"Dewdrop" Brand

(to distinguish it from the general run of stock) and are sole Chicago sellers of same.

Original Cases

25 lbs. each $5.00
10 lbs. each 2.25

Broken Packages

5 lbs $1.20
1 lb ..... .25

Order now and we ship by express on dates named by you.

We are also fully stocked on

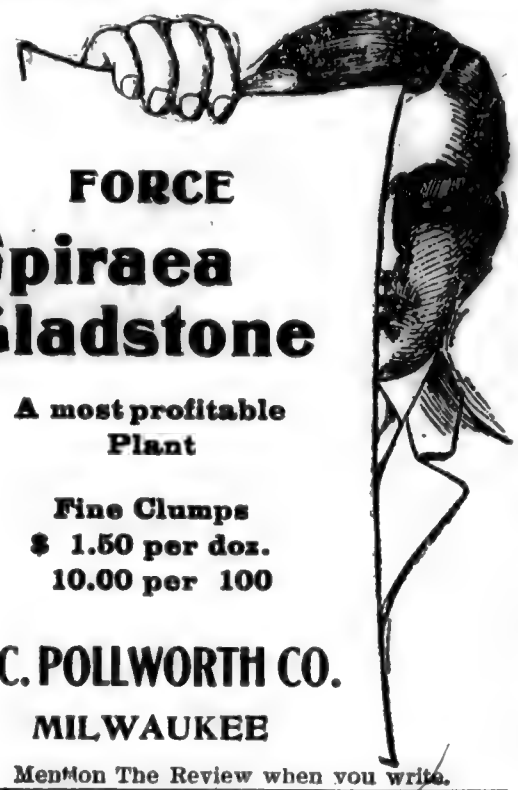
Bouquet Green,
Yes, we have it.
Evergreen Wreathing,
Selected Holly,
Immortelles, Etc.

Our prices are "PALATABLE"

Complete illustrated Christmas List mailed for the asking.

Winterson's Seed Store

45-47-49 Wabash Avenue
CHICAGO



FORCE

Spiraea Gladstone

A most profitable Plant

Fine Clumps
$ 1.50 per doz.
10.00 per 100

C. C. POLLWORTH CO.

MILWAUKEE

Mention The Review when you write.

SYRINGA JAPONICA.

By botanists the different species of syringa are divided into two groups, firstly, the true lilacs, represented by Syringa vulgaris, and, secondly, the ligustrina group, of which Syringa Japonica is an example. The members of this last are distinguished from the true lilacs by flowering later, and by having large panicles of smaller, privet-like flowers. All of them are white in color. The best of this section is S. Japonica, good specimens being simply a mass of white, covered with their large, branching panicles of blossoms. The fragrance is less pronounced than in the case of the common lilac. At a little distance the name of the group, ligustrina, is apparent, says a writer in the Gardeners' Magazine, as the inflorescence much resembles that of some of the privets, such as Ligustrum lucidum or L. Japonicum. At all events, Syringa Japonica forms a most ornamental small tree for a lawn of limited extent.

WIREWORMS.

Prof. H. A. Surface says that the later in the autumn the cultivation is continued the better will be the success in destroying the larvæ of wireworms. If it be continued until the soil is cold the pests will be much less active in providing winter retreats for themselves, and, therefore, will be much more certainly killed. In fact, it is important that the ground be stirred deeply just before the winter freezing sets in. If the cultivation be not late enough, the grubs or worms that are turned up toward the surface and exposed to the cooler temperature will have time to work down where it is warmer, and thus escape the destruction of freezing and defeat the very purpose of the cultivation. Thus cultivation can stop too soon in the autumn, but cannot be continued too late, if the purpose is to destroy wireworms, grubworms or other pests in the ground.

SPRINGFIELD, MASS.—Ralph J. Bruce, of this city, has purchased the farm formerly owned by the late John H. Ockington, at South Deerfield, and will grow a high grade of outdoor stock. Mr. Bruce is a successful grower of dahlias and gladioli and has received first prizes at various exhibitions.

WESTFIELD, MASS.—C. H. Jacobs, who recently purchased the establishment of Henry Barton on Elm street, held a formal opening at the store, November 5. Mr. Jacobs was in business on Smith avenue for several years.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As salesman and designer in floral store; something permanent; good references. Addres No. **82**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, to learn the florists' business; have worked some in same. Geo. McKinney, 339 Moxahala Ave., Zanesville, Ohio.

SITUATION WANTED—By thoroughly experienced florist, German, age 28, single; to take charge of commercial or private place. B. Wuensche, General Delivery, Portland, Ore.

SITUATION WANTED—By young man, experienced in general greenhouse work and outside; good references; willing and obliging. Address D. S. S., Box 12, Topsfield, Mass.

SITUATION WANTED—By young man as assistant gardener on private or commercial place; state wages and particulars in first letter. Address No. **63**, care Florists' Review, Chicago.

SITUATION WANTED—To take charge of private or commercial place; single, 34 years, first-class references; 18 yea s all-round experience. Address No. **79**, care Florists' Review, Chicago.

SITUATION WANTED—By experienced grower of roses, carnations, mums, bulbs; designer, decorator; good propagator; take charge; best references; good wages. Address Florist, 707 17th St., Detroit, Mich.

SITUATION WANTED—By good all-round man, as grower on roses, carnations, mums, violets and ferns; understands mushrooms and would take either private or commercial place. Address No. **83**, care Florists' Review, Chicago.

HELP WANTED—At once; a good carnation grower. Apply Weiland & Olinger, New Castle, Ind.

HELP WANTED—Good carnation and mum grower, single, sober. Apply N. C. Moore & Co., 60 Wabash Ave., Chicago.

HELP WANTED—Man to work in rose section and man for general greenhouse work; state wages. Cole Bros., Peoria, Ill.

HELP WANTED—Experienced seed salesman to market gardeners, Atlantic coast states, Maryland and north. Address Box 58, Franklin, Mass.

HELP WANTED—Good, reliable man for general greenhouse work on retail place; give age and references and state wages wanted in first letter. J. A. Bissinger, Lansing, Mich.

HELP WANTED—Neat-appearing young man to learn artistic designing in first-class store in eastern city; must be of good address. Address No. **73**, care Florists' Review, Chicago.

HELP WANTED—A young man for greenhouse and outside work, as assistant to head gardener on a private place; must be steady and sober; state age, nationality, experience (if any) and wages expected with good board, room and washing; give references. Address Cyril H. Barry, Green Lake, Wis.

HELP WANTED—A good store man to buy an interest in a profitable retail florist business in a large and growing southern city; must understand designing and making-up and must have the very best references; full and complete particulars will be given the suitable party. Address No. **78**, care Florists' Review, Chicago.

TO RENT—25x35 feet, $50.00 per month; beautiful flower store; tile floor, mantel, refrigerator, mirror, basement and show-house; twenty-five years in existence. Albert Fuchs, 3834 N. Halsted St. (near Sheridan Road), Chicago.

WANTED—Second-hand steam and hot water boilers; state full particulars and lowest cash price. Elmer Rawlings, Olean, N. Y.

WANTED—By a young, experienced florist and gardener; good grower of carnations and general line of stock; best references; commercial or private. Address Florist, general delivery, Houston, Texas.

HELP WANTED—Experienced grower of carnations, violets and chrysanthemums; must be sober and industrious; wages $12.00 per week; references required. Butz Bros., New Castle, Pa.

FOR SALE—Retail store, good location, in Chicago; a bargain. Address No. 74, care Florists' Review, Chicago.

FOR SALE—Standard return steam trap No. 2, and receiver, in good working condition; only slightly used; will take care of 20,000 ft. 1-in. pipe; price $50.00. E. H. Luckhart, Northumberland, Pa.

FOR SALE—Good location for greenhouse: opposite Eden Cemetery, Chicago; 173 x 373. Will divide to suit; also three-quarter acres, Park Ridge, Ill. Low price for cash. Address No. 67, care Florists' Review, Chicago.

FOR SALE—Sacrifice of a retail place, 7500 ft. glass; positively no fluke; books open for inspection; reasons given to those who inquire; all stocked in fine shape. Address No. 70, care Florists' Review, Chicago.

FOR SALE—In a growing city of 35,000, in central Ohio, well equipped greenhouse plant of 20,000 ft; part iron gutters and cement benches and walks; steam heat; 2 boilers; natural gas; city water; street cars stop at door; opposite only cemetery in city. A. J. Baldwin, Newark, Ohio.

FOR SALE—5 greenhouses, 6000 ft. glass, in good running order, all in lettuce, could sell three times as much right at home; 4 acres land, 1000 ft. cold frames, dwelling and lot 70x140 besides; price $4250.00; $1000.00 down; this is a bargain. For particulars write C. W. Anderson, Shawnee, Okla.

FOR SALE—Boilers; the following in good condition, repainted and first-class in every respect; one No. 17, Hitchings saddleback, $115.00; two No. 5, Weathered double dome, $55.00 each; these are a bargain; also several other hot water and steam boilers; I can save you money on steam pipe. Elmer Rawlings, Olean, N. Y.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors 11-ft. high, 14-ft. long, 6-ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass, price f.o.b. Pittsburg, $140.00. A. W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—For $12,000, The North Boulder Greenhouses, of about 7,000 ft. glass; hot water heat, store, cut flower cellar, hotbed sash, small dwelling, barn, horse, wagons, tools and stock in first-class condition: 5 lots, each 140x50 frontage, 250 ft. on main thoroughfare; 6½ blocks from court house and center of city of 12,000 inhabitants; state-preparatory school (500 students); state university (about 1,000 students), now having $500,000 worth of new buildings under construction; fine churches; excellent hotels; Colorado sanitarium; best climate; the 5 lots will in a few years be worth all I ask for the place; owner started here 8 years ago with $300 capital. For further particulars address S. Knudsen, Boulder, Colo.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways; orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. 84, care Florists' Review, Chicago.

Situation Wanted

By a grower of general stock on commercial or private place; strictly sober and trustworthy; good wages expected; state full particulars in first letter. Address No. 80, care Florists' Review, Chicago.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. 48, care Florists' Review, Chicago.

Situation Wanted

As manager or foreman by a practical grower of roses carnations, mums, palms, ferns etc.; has had a life experience in leading places in this country and Europe; capable of taking entire charge of a large or small place; good wages expected; good references. Address

FLORIST, 1225 Race St., PHILADELPHIA, PA.

Wanted Partner

With $7000.00 to $10 000.00 to take half interest in one of the best nurseries in a central northern state; must have knowledge and skill to handle the office end of a canvassing and catalogue business, or will sell the whole plant at a reasonable price and very favorable terms. Address No. 62, care Florists' Review, Chicago.

Wanted

Florist who understands growing of general stock for retail trade; must speak English and understand perennials and shrubbery; good opportunity for the right man; wages to start, $17.00 per week; will pay more if ability is worth it; single man preferred; Chicago suburb. Address No. 75, care Florists' Review, Chicago.

For Sale

Estate at Oakland Station, Woburn, Mass., on B. & M. R. R., 10½ miles from Boston, consisting of 12 acres of land (large part tillage, or under cultivation), large dwelling house in nice repair, 12 rooms, bath, steam heat; city water; two fine barns (one large), also commodious packing and potting sheds, with ample storage cellar for coal, bulbs, etc. The greenhouses consist of about 20,000 ft. of glass, are all well stocked with Asparagus plumosus Sprengeri and Adiantums. Just installed and in fine working order, a new No. 12 Kroeschell hot water boiler, with generator, capacity, 24,000 ft. of glass, to temperature of 60° at 15° below zero. Price, with stock, wagons and farming tools, $14,000.

An Opportunity Seldom Offered

If you mean business, come and see it or address

Estate of David Fisher
14 Hill St., WOBURN, MASS.

SITUATION WANTED

By first-class gardener, married; landscape, vegetables and fruits, outside and under glass; grow exhibition chrysanthemums, roses, carnations, all plants, also herbaceous; 19 years' private and commercial experience; can take charge commercial or private, or will take second man on first-class private place. Address **No. 1, 596 S. Main St., Chambersburg, Pa.**

Wanted

At once; competent rose and carnation grower; married; state salary expected, with references. Address

Daniel E. Gorman, Williamsport, Pa.

STORE AND RETAIL BUSINESS FOR SALE

A fully equipped and only store in town of 15,000 in New York State, the entire good will and an established business for more than 15 years; business now $8,000 to $10,000 per year and can be much increased by a good live man; on account of poor health am willing to sell at a sacrifice and $3,000 will buy it. If you mean business

Address No. 81,
Care Florists' Review, Chicago.

For Sale!
A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address

No. 68, Care Florists' Review, Chicago

THE HISTORY AND CULTURE OF

Grafted Roses

FOR FORCING

By ALEX. MONTGOMERY, JR.

"The most important contribution to the modern literature of the Rose."

Containing Practical Description of the Process of Grafting with Full Details of planting and culture, also Directions for treatment to carry the plants a second year.

"Of much interest to every Rose grower and of utmost value to growers of Grafted Roses."

FULLY ILLUSTRATED. PRICE, POSTPAID, 25 CENTS.

ADDRESS

Florists' Publishing Co.
Caxton Bldg., 334 Dearborn St., **CHICAGO.**

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street **Cable Address: ALEXCONNELL** **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Flowers Delivered to All New England Points

Morse & Beals

Florists

8 Merrimack Sq., **Lowell, Mass.**

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2340 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

Iowa Seed Co., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

11 North Pearl St., • • ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Established 1886

Wire Us Write Us Phone Us

WE DELIVER ONLY

High Class Flowers

Ostertag Bros.

Both Long Distance Phones.

WASHINGTON AND JEFFERSON AVENUES, **ST. LOUIS**

Mention The Review when you write.

Sharkey FLORIST

Phone 5195 Madison Sq.

Late with Thos. Young, Jr.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Out of town orders given expert and personal attention. Try me.

BUFFALO.

S. A. Anderson tells us that he has a complete stock for Christmas. His begonias are his leader. He also reports a big sale on his artificial poinsettia.

Conrad Forbach, as he always does, has a fine lot of cyclamens, but he is disappointed in not being able to grow the Lorraine, owing to the conditions at his place. He showed specimen plants of this stock when he was the grower for Rebstock.

The William Scott Co. has succeeded again in getting the poinsettias to perfection. Plants grown singly, pans and combination are fine here.

Charles E. Schoenhut has completed his store and has finished decorations. His place is a big improvement over his smaller store, where he was greatly handicapped for room. R. A. S.

CINCINNATI.

The Market.

Business last week was fairly good, with nothing of great importance to record. Carnations in all grades were plentiful and prices had a downward tendency until the latter part of the week. The market, for good grades of flowers, opened brisk on Monday and, with colder

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Brodway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

W. A. Hammond

RICHMOND, VA.

Prompt shipment to all points in Virginia, North Carolina and other states

200,000 feet of glass to Cut Flowers

The West View Floral Co.

105 Peachtree St., Atlanta, Ga.

Choice Flowers Rare Plants For All Occasions

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones 4025-4026, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union **Established 1874**

WARENDORFF

NEW YORK CITY.

The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.

FLORISTS

COVER ALL OHIO POINTS

114 N. High St., COLUMBUS, OHIO

JULIUS BAER

138-140 E. Fourth St.
Long Distance Phone
Cincinnati, Ohio.

Seattle and Coast

Orders Carefully Filled

Graff's Flower Shop
923 1st Ave., Seattle, Wash.

LINCOLN, NEB.

CHAPIN BROS.
Retail Florists

Flowers for all occasions, from cradle to grave.

E. O. LOVELL

GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

MOBILE, ALABAMA

The Minge Floral Co.

The Anderson Floral Co.

ANDERSON

883 Marshall Ave., SOUTH CAROLINA

TERRE HAUTE, IND.

JOHN G. HEINL & SON,
130 South 7th Street

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

BERTERMANN BROS. CO.

LEADING FLORISTS

241 Massachusetts Ave., Indianapolis, Ind.

Orders for North Carolina promptly attended to by

J. VAN LINDLEY NURSERY CO.

Tel. Office, Greensboro, **POMONA, N. C.**

Washington, D. C.

Blackistone

Also
1601 Eutaw Place,
Baltimore, Md.

14th and H Streets

CLEVELAND

..The..
J. M. Gasser Company
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

Washington, D. C.

Marche & Co.

Reliable House. Write, Wire or Phone.

14th and H Sts.

The Flower Shop

136 West 42nd Street

Telephone 259 Bryant **New York**

In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

SATISFACTION GUARANTEED

THE SMART SET FLORAL CO.

Broadway and 83rd Street
NEW YORK

Telephone 1790 Riverside.

Prompt and personal attention given your orders by expert artists.

JOHN WOLF

SAVANNAH, GA.

Wholesale and Retail **Florist**

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will Take Proper Care of Your Orders in **WISCONSIN**

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES
Both Long Distance Phones

WILLIAM J. SMYTH

FLORIST **Cor. Michigan Ave. and 31st St., Chicago**

We ship to all points in Illinois and Iowa.

PHONES:
Douglas 744, Douglas 523, Douglas 740

ADVANCE FLORAL CO.,

Five Phones
C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, **DAYTON, O.**

Minneapolis, Minn.

LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

Louisville, Ky.

JACOB SCHULZ, 550 So. Fourth Ave.

A. C. BROWN,

SPRINGFIELD, ILL.

LARGE GREENHOUSES

---

weather in sight, no doubt the wholesale houses will clean up daily.

Roses, except American Beauties, have been equal to the demand and prices have stiffened up on them accordingly, top grades reaching $5 per dozen, wholesale. Violets and valley were of short supply. Paper Whites are now coming in quantity and fetch $3 per hundred. Green goods are plentiful in all sorts, with a steady call.

Various Notes.

J. T. Herdegen, of Aurora, Ind., was a caller last week.

Thomas Hardesty & Co. report big business. They had a swell reception and decoration at the St. Nicholas hotel, using up all available American Beauties for

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

"Where Quality is Paramount."

Ellison Floral Co

Both Phones. 4511-13 Olive St., ST. LOUIS

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph.

All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

906 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by

Jerger & Berkey

1505 Pacific Ave.

Write, Wire or Phone Your Orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

J. W. WOLFSKILL

FLORIST

Telegraph Orders a Specialty.

218 W. 4th St., LOS ANGELES, CAL.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

GEO. A. HEINL, LEADING FLORIST, TOLEDO, OHIO

ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON

CLARKE BROS. 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO. 171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

Theresa Badaracco

Art Florist ST. LOUIS, MO.

the occasion. Saturday, December 11, will be regular meeting night of the Cincinnati Florists' Society and a large attendance is expected. H. Schwarz.

Beverly, Mass. — B. Larcom & Co. have opened their new store, at the junction of Cabot and Essex streets. This new place is centrally located and is admirably adapted to take care of the firm's increasing trade.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Carmania	New York	Liverpool	Dec. 11
Arabic	New York	Liverpool	Dec. 11
Friesland	Philadelphia	Liverpool	Dec. 11
Caledonia	New York	Glasgow	Dec. 11
Amerika	New York	Hamburg	Dec. 11
Oruba	New York	Jamaica	Dec. 11
Berlin	New York	Genoa	Dec. 11
Ivernia	Boston	Liverpool	Dec. 14
Cecilie	New York	Bremen	Dec. 14
Campania	New York	Liverpool	Dec. 15
Empr. of China	Vancouver	Philippines	Dec. 15
Orotava	New York	Bermuda	Dec. 15
Neckar	New York	Bremen	Dec. 16
California	New York	Glasgow	Dec. 18
Bulgaria	New York	Hamburg	Dec. 18
Canopic	New York	Italy	Dec. 18
Mongolia	San Fr'sco	Manila	Dec. 21
Kaga Maru	Seattle	Hongkong	Dec. 21
Mauretania	New York	Liverpool	Dec. 22
Minnesota	Seattle	Manila	Dec. 22
Orotava	New York	Bermuda	Dec. 22
Magdalena	New York	Jamaica	Dec. 24
Corsican Prince	New York	Brazil	Dec. 24
P. Grant	New York	Hamburg	Dec. 25
Dominion	Montreal	Liverpool	Dec. 25
Tenyo Maru	San Fr'sco	Hongkong	Dec. 28
Monteagle	Vancouver	Philippines	Dec. 28
Virginia	New York	Genoa	Dec. 28
Lusitania	New York	Liverpool	Dec. 29
Orotava	New York	Bermuda	Dec. 29
P. Irene	New York	Bremen	Dec. 30

John King Dunn

Flower and Plant Shop

644 Madison Ave., just above Fifty-ninth St.

Phone 410 Plaza. New York City

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main

S. Masur

236 Fulton St., Brooklyn, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.

DALLAS

Everything grown here fresh every day

Rosemont Gardens

W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, Florists

Telephones 1501 and L 1582

1415 Farnum Street, OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Evanston and Chicago

JOHN WEILAND EVANSTON, ILL.

MICHIGAN Orders will be carefully cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

ATLANTA FLORAL Co

41 Peachtree St., ATLANTA, GA.

Spokane Florist Co.

SPOKANE, WASH. Up-to-date Florists

BEYER FLORAL CO., SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.

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Coombs LEADING FLORIST Hartford, Conn.

Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand

McKenna

MONTREAL

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.

WASHINGTON, D. C.

GUDE'S

The Park Floral Co.

J. A. VALENTINE
Pres.

DENVER, COLORADO

Jacksonville Floral Co.

FLORISTS

20 LAURA STREET

JACKSONVILLE, FLA.

STATE NURSERY CO. Cut Flowers

155,000 Sq. ft. of glass at your service Helena, Montana

J. F. AMMANN Long Distance Phones

Edwardsville, Ill. Alton, Ill.

BANGOR, ME.—Martin The Florist is erecting a handsome store and shipping room on his property at 268 Center street. Mr. Martin started business here five years ago and has built up an excellent trade. His location is favorable, being only a few steps from the Paine hospital.

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Wilkes-Barre, Pa.	Marvin's, Ira G.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 558 Lake View CHICAGO

Send us your retail orders. We have the best facilities in the city.

Send Your PHILADELPHIA Orders to

CHARLES HENRY FOX

Sign of the Rose

BROAD AND WALNUT STREETS

Always on Time

David Clarke's Sons

2139-2141 Broadway

Tel. 1552, 1553 Columbus

NEW YORK CITY

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

HUGO H. JAHN

Floral Designer and Decorator

Nostrand Ave. and Prospect Place, Brooklyn, N. Y.

Telephone No. 1592 Bedford

In the heart of the Bon Ton section of the City of Churches. Send your orders for steamers, theaters, etc. One trial will convince you.

Hoffman FLORIST 59-61 Massachusetts Ave. cor. Commonwealth Ave. BOSTON.

GEO. C. BAKER, Florist

206 E. Park Ave., San Antonio, Texas

JOHN A. KEPNER

Box 3, HARRISBURG, PA.

Wholesale or Retail. Orders Satisfactorily Filled

MILWAUKEE, WIS. LEADING FLORIST

W. C. Zimmermann, 5th St. and Grand Ave.

The Fernery **E. D. SCHULTHEIS** FLORIST

Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.

HALL & ROBINSON, 855 St. Catherine Street, West.

Minneapolis Floral Co., Wholesale and Retail Florists

MINNEAPOLIS, MINN.

Funeral designs on short notice. One of the largest establishments west of Chicago.

FOR
SEEDS
of all kinds apply to
W. W. JOHNSON & SON, Ltd.
BOSTON, ENGLAND
Mention The Review when you write.

CAULIFLOWER Seed
CABBAGE
LILY OF THE VALLEY PIPS
HJALMAR HARTMANN & CO.
Longangsstraede 20, Copenhagen, Denmark
Mention The Review when you write.

HASSLACH'S
25th Jubilee Catalogue
1884-1909
For Flower and Garden Seeds, just issued.
JACQUES HASSLACH, Seed Grower
Mimosa Farm, St. Remy de Provence, France
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE Wisconsin pea canners are in convention at Milwaukee this week.

THERE are still some varieties of muskmelon that are being sought for, and apparently are scarce.

BEAN deliveries will be more satisfactory than peas, from latest accounts. There will be quite a cut on some of the popular sorts, however.

J. B. GIBSON, representing the Routzahn Seed Co., Arroyo Grande, Cal., who is now in the east, reports a most satisfactory business all along the line.

KELWAY & SON, the well-known seedsmen, of Langport, England, say this is a year in which it is not necessary to push seed sales, seeds are so scarce.

THE pro rata delivery of peas has in most cases been made, and although the percentage is low in many cases, the recipients seem to be grateful for that much.

THE market gardeners' store of the Leonard Seed Co., Chicago, is now located at 810 West Randolph street, where it has fitted up one of the best equipped market gardeners' stores in the country.

TRADE in general is reported to be in good shape and the outlook for the coming year is all that could be desired. The wholesale seedsmen are busy filling and shipping orders out and the catalogue men are preparing for the best year in their history.

THE produce dealers, who have been complaining about the unseasonable weather hurting their business, have nothing to complain about at present. The onion set people are also better satisfied now that the zero weather mark has been reached.

—TO THE TRADE—
HENRY METTE, Quedlinburg, Germany
(ESTABLISHED IN 1787)
Grower and Exporter on the very largest scale of all
CHOICE VEGETABLE, FLOWER and FARM SEEDS
Specialties: Beans, Beets, Cabbages, Carrots, Kohl-Rabi, Leeks, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, Pansies, Petunias, Phlox, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.
HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.
All seeds offered are grown under my personal supervision on my own grounds of more than 3000 acres, and are warranted true to name, of strongest growth, finest stocks and best quality. I also grow largely seeds on contract.
Mention The Review when you write.

Cauliflower Seed



Wiboltt's Earliest Snowball, No. 34, at $9.00 per lb.; 5 lbs. at $8.00 per lb.
Wiboltt's Extra Early Dwarf Erfurt, at $8.00 per lb.; 5 lbs. at $7.00 per lb.
Wiboltt's Danish Giant, "Dry Weather," at $9.00 per lb.; 5 lbs. at $8.00 per lb.
Larger lots prices separately. We ask new customers to send cash with order.
R. WIBOLTT, Seed Grower and Seed Merchant.
NAKSKOV, DENMARK
Mention The Review when you write.

New Seed Phoenix Roebelenii
The Only Seed to be Offered.
SANDER, 235 Broadway, Room I, New York City
Representative, T. MELLSTROM.
Mention The Review when you write.

Camellias, Palms, Box and Bay Trees for spring or fall delivery. Imported to order; for prices, address
AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK
Mention The Review when you write.

F. J. Grootendorst & Sons
BOSKOOP, HOLLAND
Azaleas, Rhododendrons, Clematis,
Roses, pot-grown plants for forcing.
Buxus, Conifers, Japanese Maples,
Shrubs, Palms, Bulbs, Etc.
A postal brings our catalogue.
LET US QUOTE PRICES ON YOUR LIST OF WANTS
Mention The Review when you write.

German Stock Seeds
A GRAND SPECIALTY
Price list on application.
PAUL TEICHER, Striegau, Germany
Oldest Special House
Mention The Review when you write.

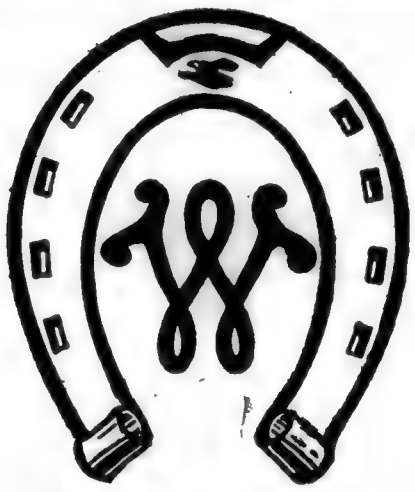
COLD STORAGE VALLEY
Very finest grades of Valley for shipment as desired from New York.
GREENHOUSE PLANTS
Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.
HOLLAND PLANTS
Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.
LILY OF THE VALLEY
Finest grades of Berlin and Hamburg for import.
H. FRANK DARROW
P. O. Box 1250 26 Barclay St., NEW YORK
Mention The Review when you write.

Lily of the Valley
MANN'S EXCELSIOR
Are the finest in existence and their flowers fetch the best prices in the London market.
For quotations, please apply to
OTTO MANN, Leipzig, Saxony, Germany
Mention The Review when you write.

HUGH M. TAYLOR has returned to his home at Lloyd, Fla., after a stay in the west, much improved in health and prepared to give his personal attention to his business of growing melon seeds on contract. He has added another plantation to his acreage for 1910.

H. H. BRIDGE, of Mallory & Bridge, Lake Mills, Wis., was in Chicago this week. His firm bought the gladiolus stock of M. Crawford, grown in Wisconsin a few years ago, and is making a specialty of growing gladiolus bulbs for the trade.

Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

RALPH M. WARD & CO.,
12 West Broadway NEW YORK

Mention The Review when you write.

Arkansas Valley Seed House
Lakin, Kan.

Contract seed grower of Watermelon, Muskmelon, Cucumber and Squash. All seeds grown under irrigation. 20 years' experience. Write us after the 1st of Jan. for estimates on 1910 crops. We also have a small surplus of several varieties of Muskmelon and Cucumber. Write us today.

Mention The Review when you write.

BRASLAN SEED GROWERS' CO.
Lettuce, Onion, Sweet Peas
Growers for the Wholesale Trade Only
San Jose, California

Mention The Review when you write.

IT looks as though the valley crop in Germany must have been large and importers buying on the same scale as two years ago.

THE many friends of Fred King, of Mandeville & King, Rochester, will regret to learn of the death of Mrs. King a few days ago.

THE shipments from the other side are not coming over fast enough to suit the majority of those interested, and the worst of it is that the varieties most needed are the ones that come slowest.

THIS is one of the years when there seem to be enough onion seeds for all purposes. The shortages of the last year or two induced the amateur to try his hand at growing, which in a measure is responsible for the present sufficiency.

BEANS are coming in heavily now, and the shortages are becoming more apparent. While a few sorts are extremely short, there is a price limit beyond which beans can not be sold at retail and substitute varieties will be taken instead.

HENRY A. SALZER, president of the John A. Salzer Seed Co., La Crosse, Wis., is a director in the American Timber Holding Co., a six million dollar corporation. Mr. Salzer also is president of the Henry A. Salzer Lumber Co. and has other holdings of timber and timber lands.

LEONARD SEED CO.
CONTRACT GROWERS AND WHOLESALE DEALERS
BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS
ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

Mention The Review when you write.

C. C. MORSE & CO.
WHOLESALE SEED GROWERS
SAN FRANCISCO CALIFORNIA

YOU will be satisfied with the products of
Burpee's "Seeds that Grow"
Better write to **Burpee, Philadelphia,**—for new Complete Catalog

Mention The Review when you write.

The Everett B. Clark Seed Co., MILFORD, CONN.
Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Contract Seed Growers
BEAN, CUCUMBER, TOMATO
Radish, Pea, Muskmelon
Squash, Watermelon, Sweet Corn
CORRESPONDENCE SOLICITED.

Mention The Review when you write.

Routzahn Seed Co.
ARROYO GRANDE, CAL.
SWEET PEA and NASTURTIUM SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN Seeds.

Mention The Review when you write.

Onion Sets - Onion Seed
We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.
SCHILDER BROS., Chillicothe, O.

Mention The Review when you write.

Metal Clasp Mailing Envelopes
LOUIS JEFFREY
78th and Brunswick Ave., PHILADELPHIA, PA.

Mention The Review when you write.

THERE are reports that not all corn will germinate well next spring.

THE business of jobbing Christmas greens has not earned a fortune for the seedsmen in the last few years, and some of them are dropping out of the

GET QUOTATIONS FROM
LANDRETH SEEDS WHICH SUCCEED
Bloomsdale Farms **BRISTOL, PA.**

Mention The Review when you write.

THE HAS. H. TILLY CO.
SEATTLE, WASH.
Growers of
PUGET SOUND CABBAGE SEED

Mention The Review when you write.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety
Maine seed potatoes, onion sets, etc.
CORRESPONDENCE SOLICITED.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street

Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.

Mention The Review when you write.

MICE PROOF SEED CASES
HELLER & CO., Montpelier, O.
Or 220 Wyandotte St., Kansas City, Mo.

Always mention the Florists' Review when writing advertisers.

game, disinclined to shoulder a big job without an adequate profit.

Albert McCullough, Cincinnati, has taken up his routine after a month's outing in Florida.

Seedsmen who are interested in the market gardening trade should take a look at page 71 of this copy of the Review.

Otto Katzenstein & Co., Atlanta, Ga., report that quite a number of the mail-order seed houses will catalogue their new vegetable, Helianti, this season.

H. W. Beck & Sons Co., who handle seeds, principally grass and field, at St. Louis, suffered a fire loss of close to $25,000 November 29. Their building was destroyed.

The speculative community of grain dealers finds no joy in the reports that come to hand of farmers building private elevators on their farms for the purpose of withholding their crops until the cash market suits the producer.

The newly organized Ozark Seed Co., Springfield, Mo., is rushing the remodeling of the building it will occupy at 209 West Commercial street and will soon be ready for business. The officers of the concern are: President, J. R. Barrett; vice-president, R. R. Ricketts; secretary, A. S. E. Sanders.

DUNCAN BANKRUPT.

William A. Duncan, proprietor of the Duncan Seed Co., 412 Felix street, St. Joseph, Mo., filed a voluntary petition in bankruptcy November 27. The liabilities are given at $10,109, and assets at $5,402.93, of which $2,700 is claimed as exempt. C. E. Walker, of Kansas City, is the largest creditor, with a claim of $1,182. The other creditors are: German American National Bank, $800; First National Bank, $1,000; Harding Manufacturing Co., Hudson, Mich., $333.93; Mangelsdorf Brothers Co., Atchison, $580; Chesmore Eastlake Mercantile Co., $432; American Printing Co., $112; Dadant & Sons, Hamilton, Iowa, $612; Leahy Manufacturing Co., Higginsville, Mo., $351. James J. Garth has been appointed temporary receiver.

IMPORTS.

The imports of seeds through the port of New York for the week ending November 27 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto	20	$ 255	Lycopod'm	36	$ 2885
Anise	30	350	Millet	4425	10259
Canary	330	2167	Mustard	675	6831
Castor	3024	13231	Poppy	919	4989
Clover	150	4627	Rape	166	781
Fennel	8	248	Other		3571
Grass	355	3155			

In the same period the imports of bulbs, trees and plants were valued at $44.332; peas, $8,091, and beans, $8,301.

CLARK'S GREEN BAY PLANT.

The Gazette at Green Bay, where Arthur B. Clark has been spending some weeks, recently printed a description of the new plant there of the Everett B. Clark Co., which is of sufficient interest to the trade to justify printing it in this department almost in full:

"One of the new concerns to begin business in an entirely new building in Green Bay is the Everett B. Clark Seed Co. This company purchased a piece of property along Fox river over a year ago and last spring began the erection

GLADIOLI

Society of American Florists
AND
Ornamental Horticulturists.

This is to Certify that
E. E. Stewart
is entitled to
HONORABLE MENTION
for Gladioli Fairy Queen, Lucille, Golden Queen, President Taft
Exhibited at Cincinnati, Ohio, August, 1909

J. H. Lauthier President Willis N. Rudd Secretary

GOLDEN QUEEN. Rich cream color, clear cut maroon blotch, early, $4.00 per 100; $30.00 per 1000.

PRES. TAFT. Large, well opened flower of good pink shade with darker stain on lower petals, immense in bulb, spike and flower, $3.00 per 100; $25.00 per 1000.

These varieties are good for cut flowers, are offered to the trade for the first time, and should be catalogued by all up-to-date houses.

AMERICA. 1½ to 2-inch, $30.00 per 1000. 2-inch and up, $35 00 per 1000.

I am headquarters for planting stock of **MME. MONNERET,** and can supply in large lots.

Contracts for crop of 1910 solicited. Send for list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

A Chance of Your Lifetime—Never to Return

Speak quick and have the benefit of the new tariff, while stock is on hand.
Prices are strictly net cash and not less than 1000 in a lot.

HYACINTHS

In separate colors.....$12.00 per 1000 Extra, to name, fine stock.....$22.00 per 1000

TULIPS

Single or double, in separate colors, $4.00 per 1000.

	Per 1000		Per 1000
Artus	$ 6.00	Rose Blanche	$4.00
Belle Alliance	10.00	Yellow Prince	5.00
Cardinal's Hat	5.00	La Candeur	8.00
Duchess de Parma	5.00	Rex Rubrorum	8.00

CROCUS

Striped, white and purple, $1.50 per 100.

A full line of **Boxwood**—all sizes, Deutzia Lemoinei, Lilacs and specimen Evergreens are now ready to be sent out.

F. W. O. SCHMITZ, - Prince Bay, N. Y.

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RELIABLE SEEDS

Giant-flowered Cyclamen, carmine, pink, white, each color separate, per 1000, $6.00; tr. pkt., $1.00
Myosotis Winter Queen, fine for cut.....oz., 3.00 " .50
Stocks Beauty of Nice, true carmine, daybreak, lilac, white, each color, oz., 4.00 " .50

For other varieties see my catalogue.

O. V. ZANGEN, Seedsman, Hoboken, N. J.

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WHERE HORSESHOE BRAND BAMBOO CANES ARE CURED AND SELECTED.

HORSESHOE BRAND PRODUCTS

Horseshoe brand Bamboo Canes are recognized as the very best quality imported. They are properly cured, well packed and are full length. A large shipment is expected to arrive here in January, via Suez, and we quote as follows for orders received before the shipment arrives:

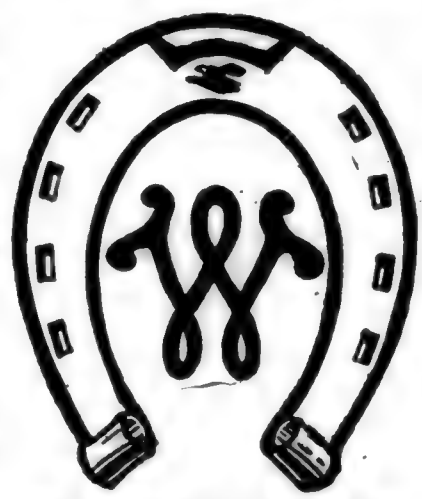
Size 6 ft. long.....$10.00 per bale of 2000 canes; 10 bales for $ 90.00
Size 8 ft. long..... 20.00 per bale of 2000 canes; 10 bales for 180.00

Upon request we will quote prices on all kinds of Bamboo, for staking various plants and nursery stock, in sizes from 1 ft. to 26 ft. long; also on green colored sticks in sizes from 1 ft. to 5 ft. Order now for future delivery. They will not be cheaper. Everyone must pay the same price. Terms, 4 months or 3% 10 days.

Representing
Seitaro Arai,
Yokohama, Japan

Ralph M. Ward & Co.
12 West Broadway, NEW YORK

All kinds of Japanese Lily Bulbs ready for immediate shipment



Not How Cheap, But How Good

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"E. L. Olmsted is manager of the company's business here. The Everett B. Clark Seed Co. is one of the oldest concerns of its kind in the country. Everett B. Clark was its president until the time of his death a few years ago. Now his sons, Arthur B. Clark and Frederick M. Clark, have full charge of the business. Both are young men who learned what they know of the seed business from their father and have associated with them men of wide experience and men capable of handling the biggest projects in connection with the seed industry. The main offices are located at Milford, Conn., and besides this Wisconsin branch there is one at East Jordan, Mich., and an auxiliary branch at Sister Bay. The East Jordan and Green Bay plants are of about the same size and capacity. The company is engaged in the growing of seed for the wholesale trade. Commercial peas are handled on a commission, but no particular attention is paid to that line by the branch houses.

"The building which the Everett B. Clark Seed Co. has erected here is substantial, well ventilated and well equipped. It is constructed of cement blocks throughout and is three stories high. The Schuette Cement Construction Co., of Manitowoc, erected the structure. This concern holds the rights on this particular make of cement block. The blocks contain a double air space and there is little or no chance for moisture to get into the seeds that are

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SCILLA MARITIMA

Commonly called "Sea Onion." Quote price and quantity.

WINTERSONS' SEED STORE
45-47-49 Wabash Avenue, CHICAGO

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HONORABLE MENTION

for Madrid, Fairy Queen, Seattle, Golden Queen, President Taft

Exhibited at Cincinnati, Ohio, August, 1909

J. H. Pepper President — *Willis N. Rudd* Secretary

GOLDEN QUEEN. Rich cream color, clear cut maroon blotch, early, $1.00 per 100; $8.00 per 1000.

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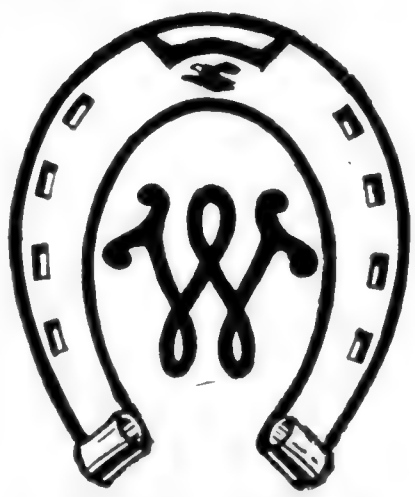
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XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.
PETUNIA GIANT, single fringed, large and fine, pkt., 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.
COLEUS, New Hybrids, finest colors, pkt., 20c.
GIANT PANSY, finest grown, critically selected. 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.
CHINESE PRIMROSE, finest grown, single and double, 500 seeds, $1.00; ½ pkt., 50c.
PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.
CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ⅛ pkt., 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.
RUPPTON: The Home of Primroses
Mention The Review when you write.

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.
Mention The Review when you write.

Lily of the Valley

PERFECTION PIPS
Case of 2000 pips, $26.00; 1000, $14.00.
Can be forced into flower 1st January.

Selected 3-year HAMBURG
Case of 2500, $26.00; 1000, $11.00.

WM. ELLIOTT & SON
NEW YORK, N. Y.

Mention The Review when you write.

RHUBARB SEED FOR SALE

Fine for next spring's planting. Price low.
WARREN SHINN, Woodstown, N. J.
Mention The Review when you write.

YOU WILL FIND
All The Best Offers All The Time
—IN THE—
REVIEW'S CLASSIFIED ADVS.

stored in the building, by virtue of this construction.

"The building is 36x100. The cement blocks up to the first floor are twelve inches thick and from that floor to the top they are nine inches thick. The first floor is twelve feet in the clear, the second floor is ten feet eight inches high and the third floor ranges from seven and one-half feet to eleven feet high. All of the weight of the building rests upon pilasters and there are eight of these pilasters along each side wall and two on the end walls. Heavy beams extend through from wall to wall and rest upon the pilasters. These pilasters are of heavy construction and give the building a solid, massive appearance, and insure firmness.

"The main floor is of cement construction. The bed of the cement is five inches thick, with one inch of surface dressing. The second and third floors are of mill construction, with maple as the top material. The fire risk is materially reduced on account of this construction.

"The process through which the seeds pass from the time of their arrival at the plant until they are finally ready for shipment is so complete that the seeds are as thoroughly cleaned and perfect as human hands and improved machinery can make them. All seeds arrive at the plant in bags. They come either by boat, by rail or by farmer's wagon. They are unloaded onto trucks having a carrying capacity of twelve bags; the average load weighs approximately 2,500 pounds. The seeds are taken aboard an elevator on the trucks and lifted to the third floor, where the process of cleaning them starts. On the north side of the third floor is situated what is known as the feed bin. The peas are removed from the bags to this feed bin and pass down to the mill on the second floor. This mill is called the '29 Clipper' and is used in ninety-nine per cent of the seed plants in the country. It has a capacity of 200 bushels per hour and is operated by an electric motor. It carries four screens, each screen being 48x66 inches. It also carries two fans. The upper fan takes out all dust, dirt, chaff, etc., from the seed stock and then the peas pass over two sets of screens and the small peas are removed. Next the peas pass through a second strong air blast and this process removes the light weight peas. Pulleys are used so that the speed of the mill may be regulated.

"What is called the dust room is a part of the mill. It derives its name from the fact that all dust and dirt, refuse of all kinds, accumulate in this room. The lighter weight dust is blown out through a window, while the heavier dust settles on the floor and is removed. The heavier screening drops through a chute and eventually gets to the first floor and is there drawn off in bags and disposed of. Waste is taken out in eight grades from this mill. The A. T. Ferrell Co., Saginaw, Mich., is the builder of the mill and representatives of the company aided in installing it. Mr. Olmsted had the mill placed so that it takes up as little room as possible and each bit of space around it is utilized for some purpose or other. All available space is put to some purpose and as much of the floors is used for the storage of seeds as possible.

"After leaving the mill the peas drop to the main floor into ba~ and the seed

JOHNSON'S Surplus Bulbs

Your last chance for
Exceptional Bulb Values

Dutch Hyacinths

	Per 100
Single, separate colors, $18.00 per 1000	$2.00
Double, separate colors, $20.00 per 1000	2.25

Tulips

Single early superfine mixed... / Double superfine mixed... / Single late superfine mixed...	1000, $6 50	.75
Chrysolora—Yellow		.75
Canary—Yellow		.85

Narcissus

Paper White Grandiflora	.90
Golden Spur—Large bulbs	1.50
Empress	1.25
Poeticus	.45
Single mixed	.50
Chinese Sacred—per basket 30 bulbs, $1.00	

Spanish Iris

Choice mixed	.30
Named sorts	.40

Jonquils

Campernelle	.60
Ruglosus	.65

Write for our wholesale florists' catalogue—just issued

Johnson Seed Co.
217 Market St., PHILADELPHIA, PA.
Mention The Review when you write.

Surplus Bulbs

HYACINTHS	Per 100
Double Named	$4.50
Double Unnamed	2.35
Single Unnamed	2.35
DOUBLE TULIPS	
Imperator Rubrorum	2.25
Rex Rubrorum	1.65
Superfine Mixed, early	.75
SINGLE NARCISSUS	
Princeps Maximus	2.25
Golden Spur	1.75
Poeticus Burbidgii	.50
DOUBLE NARCISSUS	
Albo Pleno Odorato	.50
Von Sion, true Daffodil	1.00
Von Sion, double nose	1.80
Mixed	.80
Polyanthus Narcissus Mixed	.85

To secure these prices, must mention this paper.

JAMES VICK'S SONS, Rochester, N. Y.
Mention The Review when you write.

OUR SPECIALTY

Next fall will be
Lycoris Squamigera (Amaryllis Hallii).
Home-grown Liliums.
All varieties of **German and Japan Iris.**
Write for prices.

JOHN LEWIS CHILDS, Floral Park, N. Y.
Mention The ...iew when you write.

SELLING OUT
DUTCH BULBS AND LILIUM HARRISII

6/7, to make room. Write for valuable pri list.

D. BUSCONI, 128 W. 6th St., CINCINNATI, O.
Mention The Review when you write.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

stocks are then taken back to the third floor.

"On the south side of the third floor of the building are six feeder bins connected with the picking tables on the south side of the second floor. These six picking bins afford room for sixty pickers. Girls act as pickers and it is their duty to sort out the small, defective and split peas from the perfect ones. The peas come down through a chute onto the picking tables and as they do so the girls take out the defective and spoiled peas. A board accommodates four pickers. Each girl works close to a separate slot through which the peas pass from the feeder bins to the picking tables. The board is arranged so that the peas sorted out by one picker do not come in contact with the peas sorted out by another picker. In this way a good picker can be easily distinguished from a poor picker and the blame placed when poor peas leave the picking table.

"An inspector is present in the room in which the picking tables are situated and he passes upon the peas as they are sorted by the girls. Each girl draws a quantity of the peas down into a box and as the inspector walks by and examines them he pulls out a slide and the peas drop further down to bins built on the main floor, where the peas are ready to be drawn out into bags and are in condition to be placed upon the scale, weighed and tied up ready to be shipped. Ample light enters the picking room and the other rooms through a long row of windows. Good light is absolutely necessary in the picking room. The Everett B. Clark Seed Co. will turn out nearly one car per day this season. The number may not exceed five cars per week, however, depending upon various circumstances. This season a total of perhaps 40,000 bushels of seeds may be handled by this plant.

"Farmers are supplied with stock seed in the spring and they are paid for all that is raised over the amount of stock seed. As the farmer delivers his supply of seeds grown, the bag is tagged so that there can be no confusion or mistake as to whom the peas belong to. The entire crop of one farmer may be run through the mill before another farmer's crop is touched. The difference in quality may be noted in each particular instance under this arrangement. There have been cases where farmers have sold the crop of seed peas on the market, but correct records are kept, and in case of a breaking of contract the farmer is generally dealt with severely.

"The Clark plant is located so that it can receive and ship peas by both lake and rail. A dock extends from the plant to the Fox river, where the water is deep enough to permit large steamers to land. A siding running to the front door of the plant is accessible to four railroads, the Chicago & North-Western, the Chicago, Milwaukee & St. Paul, the Green Bay & Western and the Kewaunee, Green Bay & Western.

"The elevator installed in the plant is made by the Otis Elevator Co. It has a lifting capacity of 5,000 pounds and a speed of thirty feet per minute. The building is lighted by electricity. Steam heat is used in the office and lower floor and hot water in the picking room and other parts of the building."

CATALOGUES RECEIVED.

The W. W. Barnard Co., Chicago, Ill., Christmas decorations; Winterson's Seed

Early Giant Forcing Valley

$14.00 per 1000

Gladioli

The Bride.....$5.00 per 1000
Blushing Bride..... 5.00 per 1000
Peach Blossom..... 9.00 per 1000

Currie Bros. Co., Seedsmen and Florists, **Milwaukee, Wis.**

Mention The Review when you write.

Lilies of the Valley

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

BERLIN PIPS—Early Forcing Variety

$13.00 per 1000; $1.50 per 100.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, 3040 Madison St., **CHICAGO**

Mention The Review when you write.

LILY OF THE VALLEY FOR PROMPT DELIVERY

EXPOSITION GRADE. This is an extra fancy grade of Berlin crowns. There are never enough of them to supply the demand. Out of Mr. Reimschneider's entire growing, he usually has only 50,000 to 75,000 of this grade, which is evidence of the care with which they are selected. **In cases of 2000 crowns, at $32.00 per case; $17.00 per 1000.**

PERFECTION GRADE. This is a true Berlin, extra selected, 3-year-old straight, long, clean crown with long fibrous roots. Under proper treatment, they force out with tall racemes, bearing the maximum number of large bells free from decay at the bottom. The foliage is ample but not too abundant. **In cases of 1000 pips, at $14.00 per case.**

HOLSATIA GRADE. These are suitable for later forcing, or for cold storage purposes, and are highly recommended to seedsmen. Very fine selected 3-year-old Hamburg Pips, very heavy roots, extra strong growth. Will hold over well in cold storage and produce good flowers the following fall. **In cases of 2500 pips, at $30.00 per case; per 1000, $13.50.**

HYDRANGEA OTAKSA. Pot-grown, fine plants, in 6-in. pots, **$15.00 per 100.**

JACKSON & PERKINS CO., NEWARK, NEW YORK

Mention The Review when you write.

Winter Flowering Sweet Peas

We carry **in stock,** all the **leading and up-to-date varieties,** and have **many testimonials as to quality and trueness of type.** For **prices and varieties** see our **advertisements** in **previous numbers** of the Review or **write** for our **Fall Bulb Catalogue,** which contains a full and descriptive list of varieties **worth growing.**

ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. RICKARDS BROS., Props.

Importers and Growers of High-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, Telephone 4235 Gramercy NEW YORK CITY

Always mention the Florists' Review when writing advertisers.

Store, Chicago, Ill., Christmas decorations; the Barteldes Seed Co., Denver, Colo., Christmas decorations; Thompson & Morgan, Ipswich, England, special list of hardy herbaceous and Alpine plants; Jacques Hasslach, St. Remy de Provence, France, seeds, annuals, perennials and stove plants; A. N. Pierson, Inc., Cromwell, Conn., roses, carnations, chrysanthemums, palms, ferns and bedding stock; John Irvine & Sons, Bay City, Mich., rooted cuttings.

SEASONABLE SUGGESTIONS.

(Continued from page 24.)

foliage, which practically lies on the surface of the pots, and are hard to reach. A weekly fumigation will keep them well in hand. A good compost for the last potting consists of three-fourths fibrous loam and one-fourth well rotted and dried cow manure, with some broken charcoal, soot and sharp sand added to keep it sweet and porous.

Callas.

Where callas are grown in pots, as they generally are, the flowers will now be coming more plentifully and of increasing size. The pots are now probably well filled with active roots and the plants should have waterings with liquid manure at least once a week. If an ample space at potting time was left for water, a light surface dressing once a fortnight of Clay's fertilizer, mixed with fine loam, will be found beneficial. Never allow callas to suffer from lack of water. Remember that they are semi-aquatics and must have an abundant supply while in active growth.

Lilacs.

The earliest lilacs should now be placed in a warm, moist and dark pit or cellar. A mushroom house is an excellent place for this class of stock, but these are scarce on commercial establishments. Early winter lilacs are usually entirely without foliage and of course are somewhat fragile. If they can be allowed to expand in the light, they will have better substance and some foliage. Syringe them freely. Given a night temperature of 70 degrees, lilacs can be flowered in a month in winter. As a rule, it pays to give them a little more time and not grow them in the dark all the time. Marie Legraye and Charles X are still the popular forcing varieties. Each comes white, of course, when grown in the dark.

Japanese Anemones.

To increase the stock of Japanese anemones, lift a few plants before the ground freezes up. Cut the roots into pieces one-fourth to one-half inch long and lay on a propagating bench. Just cover with sand. Water freely. With a bottom heat of 60 to 70 degrees many will start to grow in a few days, and in a month the bench should be green with foliage. Potted off later, gradually hardened and planted out early in April, these will flower well the following fall. For florists' use A. Japonica alba and the double variety Whirlwind are the most valuable.

Pansies.

It is not too late to plant pansies for winter or early spring flowering in a cool house. Let the soil be well manured and run the temperature as you would for violets. Plants in frames should have a covering of leaves or hay after the soil is firmly frozen. Let all covering be

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. First size bulbs, 1¾ inches and up. **$2.00** per 100; **$18.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs. 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladiolus in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. NEW YORK CITY

Mention The Review when you write.

NEW CROP SEED

Asparagus Plumosus Nanus

True Eastern Greenhouse Strain

An unusually fine crop enables us to offer our exclusive quality at the remarkably low figure of $3.50 per 1000, or $30.00 per 10,000 seeds.

No order accepted for less than 1000 seeds.

W. W. RAWSON & CO., Seedsmen

5 UNION ST., BOSTON, MASS.

Mention The Review when you write.

Sow Now

Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, we shall be glad to mail one on receipt of a postal.

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

Mention The Review when you write.

GLADIOLI

FOR FORCING

	Per 100	1000
THE BRIDE—The old reliable white	$0.65	$5.00
THE BLUSHING BRIDE—Rosy white, striped carmine.	.75	6.00
PEACH BLOSSOM—Delicate pink	1.00	9.00

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

Always Mention the....

Florists' Review

When Writing Advertisers

Surplus Bulbs

To Close Out. Best Stocks.

	Per 1000
Belle Alliance	$16.00
Couleur Cardinal	16.00
Crimson King	10.00
La Reine	6.00
Rose Grisdelin	8.00
Montresor	11.00
Yellow Prince	6.00
Duc de Berlin	12.00
Couronne d'Or	17.00
Imperator Rubrorum	17.00
Murillo	13.00
Salvatora Rosa	14.00
Tournesol, R. and Y.	11.00
UNNAMED HYACINTHS	18.00
Miniature "	12.00
Roman " 12x15	18.00
VON SION NARCISSUS, 1st size	9.00
" " double crown	14.00
LILY VALLEY, best early forcing	12.00

W. C. BECKERT, Seedsman

Northside, PITTSBURG, PA.

Mention The Review when you write.

Dutch Bulbs, French Bulbs, Freesia, Easter Lilies, in Stock Now.

H. H. BERGER & CO., 70 Warren St., New York

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

Cannas at Contract Prices

F. O. B. New York and F. O. B. Chicago

800,000 DORMANT CANNA ROOTS 800,000

READ THIS

Upon the Cannas enumerated below the following prices are good until January 1, 1910. If cash accompanies the order we will also allow a special discount of 5 per cent. The Cannas can be shipped any time (at purchaser's option), from New York or Chicago, up to April 1, 1910.

Upon orders received after January 1, 1910, we reserve the right to raise the price not less than 20 per cent. Order today and save 25 per cent upon your Canna order.

CRIMSON SHADES	100	1000
A. Bouvier, 5 ft.	$1 25	$12 00
A. Roosevelt, 4 ft.	2.75	25.00
B. Poitevine, 3½ ft.	1.75	15 00
Charles Henderson, 4 ft.	1 25	12.00
Crimson Bedder, 3 ft.	1.75	15.00
Duke of Marlborough, 4½ ft.	1.50	14.00
J. D. Eisele, 5 ft.	2.00	17.50
Explorateur Crampbel, 5½ ft.	1.50	14.00
Express, 2 to 2½ ft.	1.75	15 00
Louisiana, 7 ft.	1.50	14.00
Pillar of Fire, 6 to 7 ft.	2.25	20 00
Pres. McKinley, 2½ to 3 ft.	1.75	15.00
Tarrytown, 3½ ft.	1.50	14.00
PINK SHADES		
L. Patry, 4½ ft.	1.75	16.00
Louise	2.25	20 00
Mlle. Berat, 4½ ft.	1.50	14.00
Tennyson, 5½ ft.	2.25	20.00
ORANGE SHADES		
Pres. Cleveland, 4 ft.	1.75	15.00
Cinnabar, 4½ ft.	1.75	15.00
YELLOW, GOLD EDGED		
Gladiator, 4 ft.	2.25	20 00
Mad. Crozy, 5½ ft.	1.75	15.00
Premier, 2½ ft.	1.75	15.00
Queen Charlotte	2.00	17.50
Souv. d'Antoine Crozy, 4 ft.	2.25	20.00
WHITE SHADES		
Alsace, 3½ ft.	1.50	14.00

YELLOW SHADES	100	1000
Buttercup, 3½ ft.	$1.50	$14.00
Florence Vaughan, 5 ft.	2.00	18.00
Comte de Bouchard, 4½ ft.	1.75	15.00
L. E. Bailey, 4½ ft.	2 25	20 00
Newbury	2 75	25.00
Richard Wallace, 4½ ft.	2.25	20.00
BRONZE LEAVED		
Black Beauty, 6 ft.	3.75	35 00
Black Prince, 3 to 4 ft.	2.25	20.00
Brandywine, 4 to 5 ft	2.25	20.00
David Harum, 3½ ft.	2.75	25.00
Egandale, 4 ft	1.75	15 00
*King Humbert, 4 ft.	2.75	25.00
Leonard Vaughan, 4½ ft.	1.75	15.00
Musafolia, 5 ft.	2.25	20 00
Robusta, 6 to 8 ft.	1.50	12.00
Shenandoah, 6 ft.	1.50	14.00
ORCHID FLOWERING		
Alemannia, 4 to 5 ft.	2.00	18.00
Austria, 5 ft.	1.50	14.00
Indiana, 4½ ft.	1.75	15.00
Italia, 4½ ft.	1.50	14 00
Kronus, 5 ft.	2.25	20 00
Mrs. Kate Gray, 6 ft.	1.75	15.00
Pennsylvania, 5 ft.	1 50	14.00
Wyoming, 7 ft.	1.50	14.00

*No order taken for King Humbert unless other varieties are ordered in proportion.

Our Cannas are packed 250 in a box; two can be "cleated" together and shipped as one. One box of 250 sold at 1000 rate. It is cheaper for you to buy a box than 200 at 100 rate.

ARTHUR T. BODDINGTON

342 W. 14th St., NEW YORK

Chicago and Western Agents **Winterson's Seed Store**

45-47-49 Wabash Ave., Chicago, Ill.

perfectly dry and endeavor to keep it dry where you have sashes over them. Plants outdoors are better not covered at all until the ground is frozen hard. Then cover them, but only lightly, with leaves, hay, straw or pine needles. It is not the early winter frosts which injure these so much as the constant changes in March, which keep the ground alternately thawed and frozen.

Propagating.

The propagating bench or benches should have had the sand and drainage renewed and, now that there is a nice, steady bottom heat, propagation of many plants can be effected. Any bedding plants of which there is an insufficient stock can now be readily increased. Be sure to give such subjects as crotons, coleus, achyranthes, etc., a bench with more bottom heat than is necessary for verbenas, ageratums, chrysanthemums or carnations. Provided the bench has ample drainage and sand of the right porosity, there is far more likelihood of underwatering the cuttings than the reverse. More cuttings, it is safe to say, are ruined by being kept too dry than too moist. It is not sufficient to merely damp over the cuttings. Give the bench a watering each day which will thoroughly wet the sand and your cuttings will appreciate it.

Compost.

Before the winter sets in it is well to lay under cover a generous supply of loam, decayed manure, leaf-mold, sand and other soil constituents. It is not a pleasant task to go foraging for supplies with the thermometer at zero and the ground thickly covered with snow, as is often the case. If it is not possible to house a sufficient supply in sheds which are heated, lay at least a goodly quantity under cover, if only in an open shed, where rain and snow will not reach it.

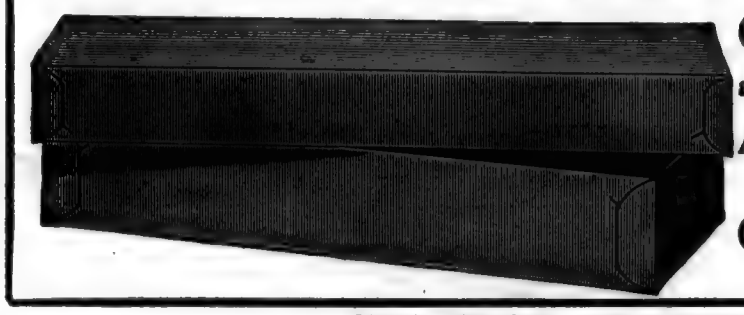
In December there are often mild spells when it is possible to plow up or cut a supply of turfy loam to stack up for next season's supply. A good plan is to make a square pile and add one-fourth as much cow manure as there is loam. This, if chopped down and turned over in spring, will make an excellent soil for mums, carnations and many other plants.

DON'T WAIT.

A subscriber has sent the Review a marked copy of the local newspaper containing an obituary notice and also sends a postal card on which he wrote:

Probably you have heard of this, but I send it anyway; if everybody waited for the other fellow you would not get it at all.

The Review appreciates the thoughtfulness of its readers in sending it not only important items, but those of minor importance as well. It has happened that because someone thought "Oh, well! They know all about this," and did not act on his first impulse to drop us a line, or send us a wire, we altogether missed an important piece of news. Don't sit back and wait because you think some other fellow has sent in the same piece of news. Important matters should be reported by wire if mail will not arrive Wednesday. Telegrams containing news matter only are accepted by the telegraph companies at a special rate, if marked "Collect press rate." The night rate is half the day rate.



Cut Flower and Design Boxes

All sizes, lowest prices

Write

C. C. POLLWORTH CO.

MILWAUKEE

Mention The Review when you write.



Krick's Florist Novelties

Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands,** and the **Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. **Just the thing for plant growers; will sustain a weight of 100 lbs.**

1164-1166 Greene Ave., BROOKLYN, N. Y.



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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$2.25 per 100
No. 1	3x4½x16	2.00 per 100
No. 2	3x6x18	2.50 per 100
No. 3	4x8x18	2.90 per 100
No. 4	3x5x24	3.00 per 100
No. 5	4x8x22	3.50 per 100
No. 6	4x8x28	4.50 per 100
No. 7	6x16x20	5.75 per 100
No. 8	3x7x21	3.00 per 100
No. 9	5x10x35	6.75 per 100
No. 10	7x20x20	7.50 per 100
No. 11	3½x5x30	3.75 per 100

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.

COLUMBUS, OHIO

Mention The Review when you write.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.



New Reduced Price List

	Per doz.	100
To fit 4-in. pots.	$1.00	$ 7.00
To fit 5-in. pots.	1.10	8.00
To fit 6-in. pots.	1.20	9.00
To fit 7-in. pots.	1.35	10.00
To fit 8-in. pots.	1.60	12.00
To fit 9-in. pots.	1.85	14.00
To fit 10-in. pots.	2.10	16.00
To fit 12-in. pots.	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.

W. H. GREVER, Manager

146 Hughes Avenue, BUFFALO, N. Y.

Mention The Review when you write.



Mention The Review when you write.

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12.00
36x14x10	16.50
36x10x6	9.00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders received during December amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.

Box No. 200, CASTORLAND, N. Y.

Mention The Review when you write.



Flower Insurance

Insure the safe arrival of your Choice Cut Flowers and Floral Designs by tying them securely and quickly into place with the new Security Staple. Equally valuable to adjust the covers of Telescopé Boxes to any desired height.

$1.50 per box of 500. Send 2c stamp for sample.

FRANK J. YETTER

Greenfield, - Mass.

Mention The Review when you write.

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved **WREATHS, MOSS WREATHS and METALLIC DESIGNS.**

L. BAUMANN & CO.

359 W. Chicago Ave., CHICAGO

Always mention the Florists' Review when writing advertisers.

Edward Reid,
WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa.
Beauties, Valley, Hudson River and Princess Violets
My Maryland and Killarney Roses, Fancy Carnations
and all seasonable Cut Flowers
WILD SMILAX FOR THE DECORATOR
Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Dec. 8.

	Per 100
Beauty, Specials	$25 00 to $40.00
" Extra	15.00 to 20.00
" Short Stems	4.00 to 12.00
Bride and Maid, Select	3 00 to 4.00
" " Seconds	1.00 to 2.00
Chatenay	1.00 to 6 00
Killarney	2.00 to 10.00
Liberty, Richmond	2.00 to 10.00
Carnot, Kaiserin	1.00 to 6.00
My Maryland	2.00 to 10.00
Carnations, Special	4.00
" Select	3.00
" Ordinary	1.50 to 2.00
Cattleyas	40.00 to 50.00
Lily of the Valley	2 00 to 4 00
Asparagus Plumosus, strings	30 00 to 50.00
" " Sprays, bunches	25 00 to 50 00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.50 to .75
Lilium longiflorum	8.00 to 10.00
Violets	.50 to .75
Chrysanthemums	4.00 to 12.00
Gardenias	15 00 to 25 00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1 50 to 2.00
Roman Hyacinths	1.50 to 2 00
Mignonette	2.00 to 4.00
Bouvardia	2.00 to 4.00

Buffalo, Dec. 8.

	Per 100
Beauty, Specials	$35 00 to $40.00
" Fancy	20.00 to 25.00
" Extra	15.00 to 20.00
" Shorts	4.00 to 12.00
Bride, Killarney and Maid, Special	10.00
" " " No. 1	6.00 to 8.00
" " " No. 2	4.00 to 6.00
" " " Shorts	3.00 to 4.00
Richmond	4.00 to 12.00
White Killarney	4.00 to 10.00
Chatenay	4.00 to 8.00
Maryland	5.00 to 12.50
Carnations	2.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1 00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Longiflorum	12.50 to 15.00
Ferns per 1000,	$1.50
Galax "	1.50
Japan Lilies	3.00 to 4.00
Chrysanthemums	6.00 to 20.00
Violets	.75 to 1.25
Paper Whites	2.00 to 3.00
Stevia	1.00 to 1.25
Daisies	.75 to 1.00
Romans	2 00 to 3 00
Teas	.75 to 1.00

St. Louis, Dec. 8.

	Per doz.
Beauty, Specials	$3 00 to $4.00
" Extra	1.50 to 2.00
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 4 00 to $ 6.00
" " No. 1	2.00 to 5.00
Richmond	4.00 to 6 00
Carnot	4.00 to 6.00
Ivory	4.00 to 6.00
Killarney	4.00 to 6 00
Carnations, Fancy	2.00 to 3.00
" Common	1.00 to 1.50
Adiantum	1.00 to 1.25
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets, Single	.50 to 1 00
" Double	1.50 to 2.00
Romans	2.00 to 3 00
Paper Whites	2.00 to 3.00

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YOUR paper certainly sells the stuff.—G. E. FINK, Roselle, N. J.

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I WOULD as soon miss my breakfast as to miss the REVIEW; I consider it as good as any two others combined.—T. G. YALE, Wellington, O.

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Milwaukee, Dec. 8.

	Per 100
Beauty, Long	$25.00
" Medium	$15.00 to 20.00
" Short	8.00 to 12.00
Bride and Bridesmaid	4.00 to 8.00
Chatenay	4.00 to 6.00
Richmond	4.00 to 8.00
Killarney	4.00 to 8.00
Perle	4.00 to 6.00
Stevia	1.50
Carnations, Fancy	4.00
" Good	2.00 to 3.00
Valley	3 00
Asparagus Plumosus, strings	50.00
" " sprays	3.00
" Sprengeri "	3.00
Adiantum	1.00
Lilies per doz., $1.50	
Ferns per 1000, 2 00	
Violets	1.00
Sweet Peas	1.00

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

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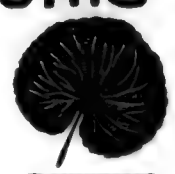
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Wholesale Cut Flower Prices.

New York, Dec. 6.

	Per 100
Beauty, Specials	$25.00 to $40.00
" Fancy	15.00 to 25.00
" Extra	10.00 to 15.00
" No. 1	8.00 to 6.00
" No. 2	2.00 to 4.00
Bride and Maid, Specials	5.00 to 8.00
" " Extra	3.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 2.00
Richmond	1.00 to 10.00
Chatenay	1.00 to 10.00
Killarney	1.00 to 10.00
My Maryland	1.00 to 12.00
Orchids	50.00 to 75.00
Carnations, Common	1.00 to 1.50
" Select and Fancy	1.50 to 3.00
Novelties	3.00 to 5.00
Chrysanthemums	5.00 to 20.00
Adiantum Cuneatum	.25 to .50
" Croweanum	.50 to 1.00
Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
Smilax	6.00 to 10.00
Lilies	6.00 to 10.00
Lily of the Valley	2.00 to 4.00
Gardenias	20.00 to 50.00
Violets	.35 to .75
Callas	6.00 to 8.00
Cypripediums	8.00 to 12.00
Sweet Peas...per bunch,	4c to 8c
Stevia..... "	15c to 25c
Narcissus	1.00 to 2.00

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Richmond	8.00 to 12.00
W. Killarney	4.00 to 12.00
My Maryland	4.00 to 12.00
Maid	3.00 to 8.00
Bride	3.00 to 8.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	1.00 to 1.25
Violets, single	.75 to 1.00
Sweet Peas	1.00
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.25
Ferns, per 1000, $1.50	

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Chicago, Dec. 8.

	Per doz.
Beauty, long stems	$6 00
" 36-in. "	5.00
" 30-in. "	4.00
" 24-in. "	3.00
" 20-in. "	2.50
" 15-in. "	2.00
" 12-in. "	1.50
" short "	$1.00 to 1.25
	Per 100
Bridesmaid, Special	$ 6.00 to $10.00
" Firsts	4.00 to 5.00
" Short	3.00
Bride, Special	6.00 to 10.00
" Firsts	4.00 to 5.00
" Short	3.00
Richmond, Specials	8.00 to 12.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4 00
Golden Gate, Specials	6.00 to 8.00
" " Firsts	4.00 to 5.00
" " Short	3.00
Killarney, Specials	12.00 to 15.00
" Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
White Killarney, Specials	10.00
" " Firsts	6.00 to 8.00
" " Seconds	4.00
My Maryland, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
" Seconds	4.00
Mrs. Jardine, Specials	8.00 to 10.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Cardinal	6.00 to 15.00
Rhea Reid	3.00 to 10.00
Uncle John	3.00 to 6.00
Perle	3.00 to 7.00
Carnot	4.00 to 8.00
Carnations, Select	2.00
" Fancy	3.00 to 4.00
Violets	.75 to 1 50
Sweet Peas	.75 to 1.50
Bouvardia	2.00 to 6.00
Stevia	1.50 to 2.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Mums, doz., 50c-$3.00	
Cattleyas, per doz, $9 00-12.00	
Easter Lilies, per doz, $1.50-2.00	
Callas, per doz, $1.50	
Valley	3.00 to 4.00
Asparagus, strings	50.00 to 75.00
" sprays...bunch, 35c-75c	
" Sprengeri " 25c-35c	
Ferns, per 1000, $2.00	.25
Galax, " 1.00	.15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz, $1.50	
Leucothoe	.75
Boxwood, $7.50 per case	

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Wholesale Cut Flower Prices.

Pittsburg, Dec. 8.

	Per doz.
Beauty, Specials	$5.00
" Fancy	3.00
" Medium	$1.50 to 2.00
" Short	.75 to 1.00
	Per 100
Bride and Bridesmaid, Fancy	$8.00 to $10.00
" " Medium	4.00 to 6.00
" " Short	2.00 to 3.00
Richmond	4.00 to 10.00
Killarney	4.00 to 10.00
White Killarney	4.00 to 10.00
Kaiserin	2.00 to 6.00
My Maryland	4.00 to 10.00
Carnations	2.00 to 4.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	3.00 to 4.00
Lilies	12.00
Chrysanthemums	8.00 to 25.00
Roman Hyacinths	1.50 to 4.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.00
Mignonette	3.00 to 4.00
Cattleyas	75.00
Daisies	1.00
Violets	.75 to 1.00

Cincinnati, Dec. 8.

	Per 100
Beauty, Extra	$25.00 to $40.00
" No. 1	12.00 to 20.00
" Shorts	4.00 to 6.00
Bride and Maid, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Killarney	2.00 to 8.00
Richmond	2.00 to 8.00
My Maryland	4.00 to 10.00
Kaiserin Victoria	2.00 to 6.00
Rhea Reid	4.00 to 8.00
Carnations	1.00 to 2.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Adiantum	.75 to 1.00
Mums per doz., $2.00 to $3.00	
Baby Primrose	.50
Snapdragon	3.00 to 4.00

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We are also commission dealers in Cut Flowers and Green Goods and jobbers in all kinds of Florists' Supplies. American Beauties our specialty.

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Wholesale Florists

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Greenhouses, NEW CASTLE, IND.

The McCallum Co.

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and Florists' Supply House

Headquarters of Western Pennsylvania Growers

937 Liberty Ave., PITTSBURG, PA.

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A Hedge of Roses at Portland, Ore., Photographed September 10.

PACIFIC COAST.

ROSES AT PORTLAND.

Portland, that progressive city in Oregon, known as one of the best flower towns in the country, also is called the City of Roses, and the accompanying illustration shows one of the reasons why. Here is a hedge of roses photographed September 10. There are hundreds of such hedges all over the city, and they are loaded with flowers from early June until frost. This photograph was supplied by G. S. Crego, the originator of the Crego aster, who recently removed to Portland from Maywood, Ill. Mr. Crego, writing November 5, said that roses still were plentiful in the gardens at that date.

SPOKANE, WASH.

The Market.

After several weeks of rain, we are enjoying a gentle cold snap, just enough to make men and animals step briskly. The flower market has also been enlivened considerably. Thanksgiving was good, going ahead of last year, and everybody seems to be well satisfied with the results. Considerable funeral work since then has kept all the stores busy. Mums still hold sway, and last much longer than is usual in the east. Good valley, carnations, snapdragons, roses, callas and excellent violets are to be seen. Coast Oregon grape and huckleberry are now more important factors than are wild ferns, with the cut flower trade.

Various Notes.

The spirit of improvement seems to have taken possession of the downtown places this fall. Miss Armstrong has put in a new icebox, home-built, with a balcony overhead. H. M. Sanders' store is remodeled. The repairs carried on by the Spokane Florist Co. amounted to a complete remodeling of the store. Upon the completion of the repairs a flower show was given. The energy and good taste displayed reflect much credit upon Mr. Kipp and his helpers. There was recently added to his force Eugene Szuchiewicz, formerly with F. C. Weber, of St. Louis. Mr. Szuchiewicz is a trained German decorator and designer. Pictures of the store at the date of the opening appear on page 15 of this issue.

Mr. Lambley, of the McCoy store, in Seattle, was a one-day visitor at the stores and the apple show.

L. I. Milot, of the Milot-Mills Co., of Wenatchee, Wash., was in town on business last week.

The death of John Rodenhurst occurred a few days since at St. Luke's hospital, Spokane. Mr. Rodenhurst was employed by the Hoyt Bros. Co., as chrysanthemum man. Further particulars about him will be found in this week's obituary column.

The Hoyt Bros. Co. is showing a fine lot of primulas, sweet peas and violets. Their mums this year were the finest they have ever grown.

A good piece of work was done recently by C. E. Sullivan in decorating the best booth at the apple show. The exhibit was that sent by the Salmon Ann, B. C., Chamber of Commerce. The background was of black velvet and the decorative material used was Asparagus plumosus, Beauties and immortelles. The apples were all red. The decoration was pronounced by capable judges the best of the kind seen at the apple show. S.

LOS ANGELES, CAL.

The Market.

More rain has fallen, accompanied by thunder and hail. Stock of all kinds is plentiful and all of the stores are making beautiful displays. Roses are especially good, and fine chrysanthemums are still in the market. Whitmani ferns are to be seen everywhere.

Japanese Banquet.

At the banquet given by the Chamber of Commerce at the Hotel Alexandria, for the Japanese commissioners, great quantities of chrysanthemums were used, the mum being the Japanese national flower.

On the speakers' table a sunken garden, with a lake, was built from end to end. Two Japanese fountains were playing, and many goldfish were swimming about. The edges of the lake were concealed with flowers and growing plants. A line of green-blue electric globes gave a beautiful effect. Japanese pond lilies floated on the surface of the water. Two tiny castles, with two triumphal arches, also had been placed on the water, giving a true Japanese effect.

At the tables for the women of the party and the special guests of the Chamber of Commerce, two large vases of American Beauties were used, with roses and ferns banked at the base.

At an entertainment given for the Japanese ladies by a lady of Pasadena who had visited Japan two years ago with the American party, the decorations were roses, great quantities being used. The ices were served on crystallized Maman Cochets, with the center removed. Many crystallized Cecil Brunners and loose petals were used on the tables.

Various Notes.

Morris Goldenson reports a splendid Thanksgiving trade, with chrysanthemums and violets taking the lead.

The Redondo Floral Co. had a heavy trade last week, quantities of chrysanthemums being sold.

H. N. Gage has just received a consignment of Jerusalem cherries, which are of good size and well berried.

At the American Florist's they were making up a lot of funeral pieces and a quantity of violet corsage bouquets, with one red rose in the center of each. They were too busy to say much. They carry birds and goldfish as a side line.

The flower store in the Pacific Electric building changed hands during the sum-

mer. The present proprietor, Fred Westrum, reports trade as being highly satisfactory.

At Wright's, Wolfskill's and The Angelus they were too busy with funeral work to say much. All seemed to be satisfied with the Thanksgiving trade.

Lichtenberg & Wolfskill report an excellent business in both stores. They have several large decorations booked. Their new store, on Fifth street, is quite handsome and they carry a fine stock.

S. A. C.

SAN FRANCISCO.

The Market.

We were treated to several varieties of winter weather during last week. At the time of writing, in the neighborhood of San Francisco, the wind was blowing a fierce gale from the northwest, which meant frosty weather. Earlier in the week we had copious showers of rain, which have given the planters sufficient moisture with which to continue working the soil. The effect of the dark weather and the cold, frosty nights has been quite disastrous to both outside and inside stock. Of the former we have little else than violets, chrysanthemums and narcissi. The Italian growers, owing to the fact that business since Thanksgiving has been rather light, have not yet raised their prices. The quality of the violets for the last month has been exceptionally fine, although the few days of frosty weather seem to have shortened the stems somewhat.

Chrysanthemums are yet in their prime, and are being sold by the growers at reasonable prices. The best outside Bonnaffons can be bought from the growers at the rate of $4 per hundred, while the white sorts can be had at somewhat lower prices. The pink varieties are cheapest of all, and appear not to have sold as well this season as they did last. Paper White narcissi, although not unusually plentiful, are being brought into town in considerable quantities. They can be bought for about $1 per hundred.

In the lines of inside stock, carnations show a tendency towards scarcity since Thanksgiving. There has been practically no increase in the prices for the last three weeks. Although the stock is short, the excess of chrysanthemums, together with the quiet condition of trade, has tended to keep the prices lower than should be ordinarily expected at this time. Regarding the quantity sent to town, Enchantress easily takes first place, with Lawson and Estelle as close seconds. There is a better showing of the white sorts than we have seen since early summer. The price of carnations ranges from $1.50 to $3 per hundred.

In roses there is such a dearth of fancy stock that many of the retailers are afraid to accept orders from particular customers. The greatest scarcity seems to be with Beauties. Nothing with stems over two feet in length is being displayed in shop windows. Some good Bridesmaid are being sent into town by the Burlingame growers, but they are only a small percentage of the amount of stock handled. Liberty and a few Testouts, with a fair sprinkling of Brides, are all that we have to offer at present.

Valley are plentiful and of good quality, and the wholesalers are charging from $3 to $4 per hundred for them. Quite a few growers are bringing hothouse sweet peas into market at present. There is only one fault to be found with this flower, and that is that they are invariably short-stemmed. The varieties grown are principally Emily Henderson, Prima Donna and Blanche Ferry.

Business, with the exception of funeral trade, runs rather light. Everyone is apparently saving money for the holidays.

Various Notes.

A. H. Hills, the orchid grower of Fruitvale, is cutting some very fine cattleyas at present.

A visit to the greenhouses of Ferrari Bros. shows a splendid stock of Beauties for the holidays.

Miss Charlotte Williams, the well-known decorator, attended to the decorations at the big Schillings reception in Oakland, during the present week.

Domoto Bros., of Elmhurst, are cutting heavily of Brides and Maids at present. They have several houses of Beauties which should be in full bloom in a couple of weeks.

The old Bonneau greenhouses have been planted entirely to asparagus, by the California Evergreen Co., which has bought the ground.

G.

Rooted Carnation Cuttings

Taken from plants grown in the open field the year round. Ready for December delivery.

	Per 100	1000
PINK		
Winona, light pink	$3.00	$25.00
Enchantress, shell pink	1.80	15.00
Winsor, light pink	1.75	12.00
Rose-pink Enchantress	1.50	12.00
Nelson Fisher, cerise	1.25	10.00
Mrs. T. W. Lawson, cerise	1.75	15.00
WHITE		
White Perfection	2.25	20 00
White Enchantress	2.25	20.00
White Lawson	2 00	15.00
Flora Hill	1.50	
RED		
Beacon	$2.25	$20 00
Victory	1.75	15.00
Red Lawson	1.25	8 00
Estelle	1.15	12.00
CRIMSON		
Harlowarden	1.40	12.00
VARIEGATED		
Lawson	1.25	10.00
Prosperity	1 50	
YELLOW—Eldorado	1.50	12.00

Asparagus Plumosus Nanus, 2½ to 3-in. pots, $15.00 per 1000, f. o. b.

25 of any one variety, at 100 rate; 250 of any one variety, at 1000 rate. Express charges prepaid on all orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Rooted Carnation Cuttings

Pacific Coast Headquarters for quantity and quality

We ship and guarantee delivery in good condition to all parts of United States and Canada.

FOR DECEMBER DELIVERY

	Per 100	1000		Per 100	1000
4,000 Aristocrat	$2.00	$15.00	6,000 Sarah Hill	$2.00	$17.00
4,000 Winsor	1.75	12.00	3,000 White Lawson	2.00	15.00
10 000 Enchantress	1.80	15.00	5,000 O. P. Bassett	4.00	35.00
8,000 Rose pink Enchantress	1.50	12.00	5,000 Beacon	2.00	18.00
3,000 Mrs T. W. Lawson	1.50	12.00	20,000 Victory	1.75	15.00
15,000 White Enchantress	2.25	20.00	2,000 Gov Roosevelt	1 40	12.00
12,000 White Perfection	2.25	20.00	2,000 Harlowarden	1.40	12.00

Also many other varieties; send for list. Express prepaid on all orders amounting to $5.00 or more. Cash, please.

B. S. BASSETT'S FLORAL GARDENS, Loomis, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in.. buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Asparagus Plants

350,000 1-year.

Leading varieties. Write for prices.

Orders booked now for **Red Loganberry** and **Mammoth Blackberry Plants.**

Otto F. Schuchard, Watsonville, Cal.

SHASTA DAISY

Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6 00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

ROOTED

Carnation Cuttings

...Our Specialty...

Write For Prices.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

DO YOU WANT STOCKY PLANTS?

WASHINGTONIA ROBUSTA

(Fan Palms), 2 to 3 ft., by the thousands.

Exotic Nurseries

Santa Barbara, Cal.

Mention The Review when you write.

New York State Grown Roses for Forcing
GENERAL VARIETY OF NURSERY STOCK
W. & T. SMITH COMPANY
63 Years GENEVA, N. Y. 700 Acres

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

PACKING NURSERY STOCK.

Large European nursery centers, such as Orleans, Boskoop, Naarden and Gand, each has its own regular system of packing. A consignment of parcels from any of these places will show its origin at a glance to the experienced eye, and one cannot do better, when the opportunity arises, than to carefully unpack such parcels and examine them; they are often worth copying.

Many growers are little good at packing; on the other hand, some of them pick it up quickly. It is a knack, nothing else. There is a good deal of waste going on in packing sheds, judging from what one sees. "We have had parcels come in, and been surprised at the yards of string used," says a writer in the Horticultural Advertiser, "or, on the other hand, the scanty packing was insufficient to do any good. Straw, of course, is largely used; but it requires experience to make neat-looking parcels with straw as packing. The finished work has a much neater appearance if the straw is passed and cleaned through a rake tied on a ladder. A good handful is taken at a time. The coarse straw can be used between the stems and roots, or ordinary parcels can be done entirely with this short stuff. The long straw also comes in handy for making bands around evergreens; long lengths can be tied together for big trees. The French are extremely skillful in making use of straw.

"Hay, be it ever so rough or coarse, makes splendid packing material. It cannot come up in finish to straw, but it looks what it is, and certainly has not the amateur look about it that a badly packed straw parcel has. In one of the largest nurseries near Paris, a kind of coarse, flat grass is used, having the appearance of growing in marshy places. There was a huge stack of it tied up in bundles, and thousands of parcels were wrapped up in it; in fact, straw was very rarely used for this purpose. They were without doubt excellent examples of packing, the best I ever saw; they were not the work of a few men alone, but all hands aided in packing at night after dark, and started again in the morning at 6 a. m. for a few hours. The orders were all put into bundles beforehand, by an experienced hand, and all the men had to do was to finish them off.

"Boxes and crates are handy for all kinds of seedlings, dwarf roses, etc., and are largely used in Orleans for dispatching young nursery stock abroad. Round baskets are largely used for special orders, but particularly for plants with balls. In Gand, practically nothing else but baskets is used, and it is really surprising how many plants they manage to pack inside one of these; and no doubt it is as much to their skillful packing as to their high-class stuff, that Gand is such a center of horticulture.

"Mats are largely used here and in Holland for packing around the root end of bundles; they are, however, an expensive item. Now, in some nurseries in France, no mats are used for any of the parcels; big or small, the roots are covered in the same way as the rest of the parcel, which does just as well; in fact, is better and cheaper. Mats alone without plenty of packing is little protection for the roots; in fact, you are obliged to cover up the roots well to make the mats fit on evenly. All the mats do is to keep the packing in place. It will pay to get the men to pack without mats. All small plants can be packed torpedo-shape fashion, saving much time and labor. Only when the roots of big trees have to be covered, must a butt end be made; but even then, by overlapping the roots it can be made less bulky at the end.

"When I was in Naarden, the willows were twisted around and a loop formed on the end, but I have since learned a far better way. The thick end of the willow is held with the left hand, the other end looped on and twisted around a few turns. The advantages are quicker work, the saving of a nice thin end of the willow, which comes in for all kinds of tying, and much stronger work. There is no getting away from this, no matter what your men may tell you, and they only talk because they can't do it in any other than their own way. Using willows for packing is not learned in a day, and without skill in this a packer cannot earn his salt, so to speak.

"I noticed a query about packing with machines. They are handy for large quantities of forest plants, stuff which is not hurt by being pressed tightly together, where thousands have to be handled, but for ordinary nursery stock they would be little good."

EVERGREENS
Large stock, both seedlings and transplants, of Spruce, Pines, Firs, Cedars, Arbor-Vitæs, Hemlocks, Junipers, Yews. Millions of seedlings, also fine stock of specimens in larger sizes.
FOREST TREE SEEDLINGS
Immense stock of Catalpa Speciosa, Black Locust, Maples, Oaks, Lindens, Beech, Chestnut, Ash, Walnut, Elm, Box Elder, Birch, European Larch.
Advance Price List now ready.
D. HILL, Evergreen Specialist, Dundee, Ill.

Mention The Review when you write.

Grape Vines
All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.
T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) Seedlings
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.

Mention The Review when you write.

Rhubarb Roots Wanted
5000 rhubarb roots wanted at once for forcing.
Warren Shinn, Woodstown, N. J.

Mention The Review when you write.

Wholesale Trade List
Araucaria excelsa, fine plants, 3 tiers, 5-in. pots, 50c each.
Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.
Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.
Cycas Palms, fine shaped plants, 3-10 leaves, 10c per leaf.
Clematis paniculata, 3-in. pots, $5.00 per 100.
Clematis paniculata, strong plants from open ground, $10.00 per 100.
Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.
Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.
Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.
Dracaena indivisa, fine plants, 5-in. pots, $8.00 per doz.
Smilax, from 3-in. pots, $4.00 per 100.
Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.
Cash with order, please.
C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

Vegetable Seeds

FOR FORCING

Stokes' Standards are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ½ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb. 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 35c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb., 35c; lb., $1.25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Forcing Asparagus

I have 10,000 giant eight-year-old asparagus roots for forcing. Gardeners who planted them last year are ordering them now for this winter. Great results. Also rhubarb roots for forcing.

Warren Shinn, Woodstown, N. J.

Mention The Review when you write.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Dec. 7.—Leaf lettuce, 18c to 25c case; radishes, 35c to 50c doz. bunches; mushrooms, 35c to 40c lb.

BOSTON, Dec. 6.—Lettuce, 30c to 50c box; tomatoes, 15c to 25c lb.; cucumbers, $3 to $6 box; radishes, $1 to $1.25 box.

NEW YORK, Dec. 6.—Cucumbers in good demand and firm. Lettuce plenty and weak; most sales at about 50 cents per strap. Mint steady. Mushrooms in free supply and selling slowly. Tomatoes steady. Cucumbers, 60c to $1 doz.; lettuce, 25c to 75c strap; mint, 25c to 40c doz. bunches; mushrooms, 20c to 45c lb.; tomatoes, 10c to 18c lb.

STARTING EARLY CABBAGE.

I want to make a contract to grow 100,000 early cabbage plants for a kraut factory, and not having had any experience in this line, I should like some information. How much should I get per thousand plants, grown to size to be planted in the field, and what is the best way to grow them? E. S.

The earliest cabbage should be planted the last week in February or March 1. The seed should be planted in the greenhouses in flats, or on a bench especially prepared. When the seed is up only a few days, it is time to transplant the tiny plants. It is best not to sow too much seed at a time, or a large portion of the seedlings will get too big and spoil before they can be transplanted.

They may be transplanted into boxes, or they may be put directly into the coldframes outside, covered over with glass and banked up with manure. The very earliest would have to be put in boxes, ten or twelve dozen to a flat. After they take hold and start to grow a little, then they can be carried out and placed in the coldframes, being careful to set the boxes perfectly level. They stand the cold better if started this way, and the weather would improve, anyhow, by the time they could be carried out. Cabbages stand severe cold if they are hardened to it by cool temperature and plenty of air. I had a large field out so early last season that the ground was frozen on several cold nights in April after planting, but this did not injure the plants.

These extremely early plants are so much more trouble that they are too expensive for kraut factories. Seed planted a little later and transplanted into the coldframes can be handled more cheaply. In this case the frames should be put in place now and the soil all spaded up and raked down nicely, so as to be soft and ready when wanted in the spring. It is a good plan to put the sashes on, too, and keep the ground from getting too wet, lest it might be muddy when wanted.

I never heard before of a sauerkraut factory wanting early cabbages. The later ones are so much larger and better that they are generally used. The later ones are planted in drill rows in the

DREER'S SEEDS are reliable

GROWERS of under glass crops place great confidence in our special strains of Vegetables. A few are offered herewith.

Lettuce, French Unrivaled—Similar to Big Boston but better. Forms large buttery heads, oz., 20c; ¼ lb., 60c; lb., $2.10. postpaid.

Radish, Dreer's Selected Cardinal Globe—The crisp little red radish that comes so early. ¼ lb., 25c; lb., 85c. postpaid.

Tomato, Best of All—Strictly a forcing variety. Deep scarlet and very productive, ½ oz. 20c; oz., 35c, postpaid.

All the best standard varieties of vegetable seeds are offered in our **Market Gardeners' Price List,** a copy of which we gladly send to those engaged in growing vegetables for market.

HENRY A. DREER

PHILADELPHIA, PA.

Mention The Review when you write.

Thorburn's Seeds

Finest strain of Long Island grown

Early Jersey Wakefield Cabbage

and other high grade seeds for Market Gardeners and Florists. Send for prices.

J. M. THORBURN & CO.

33 Barclay Street, through to 36 Park Place, NEW YORK.

Mention The Review when you write.

No Grower of Vegetables under glass can afford to do without the Wittbold system of

Watering

—because with it a boy can do as much as two men can do in a whole day with the hose—and do it better.

The system is equally valuable outdoors, and for many other crops besides vegetables—wherever you need water.

Send for our booklet—with testimonials—read and you'll send in your order.

E. H. HUNT

Exclusive Sales Agent

76-78 Wabash Ave., CHICAGO

Mention The Review when you write.



Livingston's Choice Strains of Cucumbers produce thrifty plants which bear plenty handsome cukes of typical shape. We have studied the market growers' needs in this line for many years and our Cucumber seeds are valued by knowing planters as the best money can buy.

Our Selected Extra Early White Spine excels in all important points. Fine for forcing. Fruits straight and smooth, deep green and crisp. Ready for slicing before many other standard sorts. Oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.

Davis Perfect—A fine seller of ideal shape and color. Oz., 10c; ¼ lb., 35c; lb., $1.35; postpaid.

Vickery Forcing—Bright green, heavy cropper. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.25; postpaid.

Rawson's Hothouse Cucumber—Large, handsome fruits of deep green color. Pkt., 10c; ⅛ oz., 25c; oz., 45c; ¼ lb., $1.25; postpaid.

Catalogues will soon be ready now.

Address inquiries and orders to

Desk R,

THE LIVINGSTON SEED CO.

COLUMBUS, OHIO

Mention The Review when you write.

FIVE ACRES with the Skinner Irrigation will produce as much crops as TEN ACRES without it.

The Skinner Irrigation Co.

TROY, O.

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

early garden, like radishes, and dug up and planted directly to the fields, without transplanting. If not sowed too thickly, they will make nice plants for the field in this way.

Of the early varieties, I find the Charleston Wakefield decidedly better than the Jersey Wakefield and only a few days later.

The price per thousand for transplanted early cabbages is usually about $4. It will depend largely upon what kind of help you have for transplanting (which is the greatest expense), whether or not you can make much profit in growing them for a factory. Plants from the south I have found to be unsatisfactory.

H. G.

FORCING WATER CRESS.

Would you kindly give me expert information on the greenhouse culture of the true water cress? I want instructions as to the kind of soil, the temperature, the moisture, the distance apart to plant and the general treatment. I am located in southern Manitoba. E. M. A.

This is a crop which I have never tried to grow in the forcing houses. In fact, I have never seen it tried. Perhaps some reader can give E. M. A. some pointers on the subject. I, however, wish to say that while it would be nice to have a small amount for personal use, I doubt if it could be produced and sold at a profit as a forcing crop.

It requires considerable attention to grow a good crop of it outside. Some growers make a specialty of it in certain localities. Running water is considered necessary. Beds are prepared along little streams, usually coming from springs. Old plants are divided up and pushed into the wet soil a few inches apart. When the planting is done, the little stream is dammed up so as to back the water up over the bed, raising the water higher as the plants grow, until it is about a foot deep. Late in the fall, on frosty nights, the water can be raised to entirely cover the plants and keep them from freezing, which would make the leaves turn brown. The water is lowered again in the morning, and in this way the crop can be kept producing until well into the winter.

H. G.

PANA, ILL.—R. O. Henderson, proprietor of the Pana Greenhouses, has purchased a piece of property, 120x160 feet, at the corner of Chestnut and Third streets, and expects to build a range of greenhouses there. The new range will be just one block from the business section and will be much more conveniently located than Mr. Henderson's present houses.

A. N. PIERSON, Inc.
CROMWELL, CONN.

Our Catalogue for 1910 is out and we wish to call attention to the many good things offered therein. As usual, we are making a specialty of grafted and own root Roses. We have arranged to graft 350,000 rose plants this year. We call special attention to the following:

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120 00
Own root	1.00	6 00	50.00
Richmond, Kaiserin, Bride and Maid, Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

We offer over 30 varieties of Roses and refer you to our catalogue for the complete list. If your name is not on our list, kindly drop us a postal card and we will be glad to mail you a copy.

Mention The Review when you write

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO.
The United States Nursery Co
RICH, Coahoma Co., MISS.
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FOR IMMEDIATE DELIVERY
ROSES
Dormant, field-grown, on own roots.
Sweetheart, T. Blumschen, La Fiamma, Trier, Lady Gay, Debutante, Dorothy Perkins, Hiawatha
12c each
Tausendschon, Barbier
20c each
Clematis Paniculata, field-grown, 1-year, 6c each.
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $4.00 per 100; $35 00 per 1000
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100
Write for our special prices on Hardy Shrubs.
THE DINGEE & CONARD CO.
WEST GROVE, PA.
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Satisfaction or Your Money Back.
POT GROWN
Hydrangea Otaksa
5-inch, fine stock...$15.00 per 100
4-inch, fine stock... 10.00 per 100
THE CARL HAGENBURGER CO.
West Mentor, Ohio
Satisfaction or Your Money Back.
Mention The Review when you write.

Going! Going!!
100
Berberis Thunbergii 18-24 in., $6.50; 12-18 in., 4.00
Rosa Rugosa, 2-yr., $ 8.00 per 100
Rosa Carolina, 2-yr., 10.00 per 100
SPECIMEN PLANTS
Viburnum Cassinoides.....50c each
WRITE FOR LIST
Littlefield & Wyman's
North Abington, Mass.
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Asparagus Sprengeri
2, 3, 4-in.....$2.00, $5.00, $10.00 per 100
Whitmani Ferns
4-in.....$10.00 per 100
Begonia Incarnata
Bud and bloom, 3, 4-in.....$6.00, $10.00 per 100
NIXON H. GANO
Martinsville, Ind.
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Peonies a Specialty
Write us for latest price list
PETERSON NURSERY,
Stock Exchange Building, CHICAGO.
Mention The Review when you write.

Roses At Special Prices For Immediate Delivery
See Column Adv., page 60, Nov. 4.
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO
Always Mention the....
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LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.
Mention The Review when you write.

Important Announcement to Carnation Growers

At the earnest solicitation of a large number of commercial and private growers, the Cottage Gardens Company has decided to disseminate this year the two famous Carnations

MRS. C. W. WARD and ALMA WARD

two varieties which are well known to all the leading growers of the country. 4 years' test in the New York market has demonstrated their popularity and good staying qualities. For the past 3 years we have been growing from 15,000 to 25,000 of each, during which time they have always commanded the highest market prices, and at no time has the supply been equal to the demand.

On the exhibition table they have taken the highest honors, and we believe it is safe to say these two carnations stand without an equal.

INVITATION

We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see them growing and compare their good points with other standard varieties grown under the same conditions.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market

The keeping qualities of this variety are remarkable. Several shipments of blooms sent to Europe reached their destinations in perfect condition, and wherever exhibited it has always been the last to show signs of wilting.

AWARDS

American Florists' Society Silver Medal, ... Boston, 1906
The Craig Cup for Best Seedling, ... Philadelphia, 1906
The Lawson Bronze Medal, ... Washington, 1908
The Horticultural Society of New York, Silver Medal, Sweepstake Prize for Best 100 Blooms, ... New York, 1909
The Horticultural Society of New York, Diploma for Best New Variety, ... New York, 1909

Rooted cuttings ready December 15th.

$2.00 per 12; $12.00 per 100; $100.00 per 1000; $95.00 per 1000 in lots of 2500. 25 at the 100 rate; 250 at the 1000 rate.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers, 3½ to 4½ inches in diameter, on strong, erect stems 36 to 42 inches in length.

This most remarkable variety takes the same place among Carnations as the American Beauty Rose among Roses, and has, during the past 4 years, been awarded numerous prizes, including the following:

The Lawson Silver Medal, ... Toronto, 1907
(No Gold Medal having been awarded.)
The Lawson Gold Medal, ... Washington, 1908
The American Florists' Society, Silver Medal, Washington, 1908

Rooted cuttings ready January 1st.

$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

COTTAGE GARDENS CO., Inc., Queens, Long Island, N. Y.

Logan Nurseries

JOHN N. HOBSON, Mgr.

York Road and Louden St. Philadelphia, Pa.

We have the following

PLANTS

to offer to the trade, in first-class condition, home-grown and hardy:

Kentia Belmoreana — Each
10-in. pot, 4 plants in pot, 4 ft. 10 in. high...$6.00
8-in. pot, single, 4 ft. 6 in. high..... 2.50
3-in. pot, bushy plants.....per 100, $10.00

Areca Lutescens
6-in. pot, 3 plants in pot, 3 ft. high. $9.00 and $12.00 per doz.
8-in. pot, 3 plants in pot, 5 ft. high..... 2.50
7-in. pot, 3 plants in pot, 3½ ft. high..... 1.50
4-in. pot, 3 plants in pot.....$3.00 per doz.

Boston Ferns — Per 100
6-in. pot, nice full plants.....$35 00
4-in. pot, suitable for filling baskets..... 12 00

Nephrolepis Barrowsii
9-in. pots, well furnished.....$12.00 per doz.

Poinsettias
4-in. pots.....$12.00 per 100

Azaleas for Christmas
Nicely budded plants in various sizes and prices.

Begonia Lorraine — Per 100
4-in. pots, full of flower.....$35.00

Begonia Vernon
4-in..... 20.00

American Everblooming **HYDRANGEAS**

1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis,** etc.

THE E. Y. TEAS CO., Centerville, Ind.

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Gloriosa Rothschildiana

Gloriosa Superba Grandiflora

Strong, four-year-old tubers

WRITE FOR ILLUSTRATED PAMPHLET AND PRICE LIST

KNIGHT & STRUCK, 1 Madison Ave., **New York**

Mention The Review when you write.

Rooted Carnation Cuttings

FOR DECEMBER DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

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NEW
SEEDLING ROSE
Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

UTICA, N. Y.

A fine display of carnations and other flowers and a dinner, followed by an address by Barney Myers, of Lancaster, marked the fifth annual show of the Utica Florists' Club in Genesee hall on the evening of December 2. The club embraces in its membership the leading florists of the city and vicinity and its annual displays have always proved entertaining and educational to all who have attended them. The company present December 2 comprised members and their ladies and a few invited guests. The early part of the evening was devoted to an inspection of the flowers exhibited and after this came the dinner.

The largest displays made were by Brant Bros., of this city, and W. A. Rowlands, of Whitesboro, and were principally of carnations. A large vase of exquisite Killarney roses, which stood out conspicuously among the carnations, attracted much attention. A bunch of Gov. Herrick violets displayed by J. R. Auld, of New Hartford, and a vase of sweet peas from W. A. Rowlands were other special exhibits which contributed to make the display as a whole an attractive one.

Among the varieties of carnations shown by Brant Bros. were the Enchantress, White Perfection, White Enchantress, Beacon, Winsor, Harry Fenn, Apple Blossom and others. The collection exhibited by W. A. Rowlands comprised Pink Delight, Variegated Lawson, White Lawson, Mrs. Lawson, Winsor, White Perfection and Apple Blossom. L. F. Goodwin, of Clark Mills, had on display White Perfection, Apple Blossom, Enchantress and others, and Kilbourn & Williams, of Clinton, had Enchantress, Queen, White Perfection and other carnations and a large fern. The comparatively small room in which the display was made was filled with fragrance.

The dinner was served about 9 o'clock by Caterer Hauser. Bergner's orchestra furnished music. The president of the club, Frank J. Baker, performed the duties of master of ceremonies and after a few words about the organization and its objects, introduced Mr. Myers, who is superintendent of the greenhouses at Lancaster, belonging to W. J. Palmer, of Buffalo. Mr. Myers spoke on the cultivation of carnations, the construction of greenhouses and other matters of interest to florists. The florists and all present listened to him with close attention.

The committee in charge of the show consisted of W. A. Rowlands, A. R. Wilcox and Robert Boyce.

Shasta

During October Shasta gave us 2 blooms per plant. During the first 15 days of November we cut 2369 good blooms from the same bed of 1800 plants. The cut is getting better every day.

Growers who come to see it growing, marvel at its productiveness and fine quality of bloom. We would like to have you come and see it too. Once you see it, you will want to grow it.

Booking orders for it now at $12.00 per 100; $100.00 per 1000

PATTEN & CO., Tewksbury, Mass.
BAUR & SMITH, Indianapolis, Ind.

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Kaiserin

Bench plants. Ready for shipment. Two years old and over.

$50.00 per 1000

BASSETT & WASHBURN, Hinsdale, Ill.

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Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2 00	$18.00
White Enchantress	3.50	30 00
White Perfection	2.50	20 00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20 00
Pink Lawson	2 00	15.00
Rose-pink Enchantress	3.50	30 00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25 00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

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DAHLIAS—GLADIOLUS

400 varieties of **Dahlias**, selections from the best the country affords.
Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 191
CATALOGUE FREE.

J. L. MOORE, Northboro, Mas.

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Catalogue ready soon. Write for it.

CHAS. H. TOTTY, Madison, N. J.

Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why You Should Grow SANGAMO

1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd —The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th—The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

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Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market. WINNER OF FIRST PRIZE IN CLASS OF 100 BLOOMS.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

MARY TOLMAN

WINNER OF FIRST PRIZE AT MILWAUKEE.

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery. **$12.00 per 100; $100.00 per 1000.**

A. E. HUNT & CO., EVANSTON, ILL. **CHICAGO CARNATION CO.,** JOLIET, ILL. **HUNT BROS.,** PARK RIDGE, ILL.

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NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

Enchantress	per 1000,	$15.00
W. Enchantress	"	18.00
Kingston Pet	"	18.00
Beacon	"	18.00
White Lawson	"	12.00
Winsor	"	12.00

Send your orders for Dec., Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.

NEWBURGH, N. Y.

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CENTRAL SEED AND BULB CO.

WHOLESALE GROWING

OUT-OF-DOOR BULBS

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Gardens at Benton Harbor, Mich.

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Call and See it Growing **Miami Queen**

In dissemination of this new carnation, the introducer feels confident it excels all similar varieties in the following respects:

It has a strong constitution and will thrive with ordinary culture.

The color is a grand cerise pink and very double, shows up fine under artificial light.

The blooming qualities are of the best, commencing in early Fall and continuing throughout the season.

During the dark days of Winter, this carnation, having a strong calyx, does not split to any extent, like other pinks.

The form is ideal, the flower being from 3 inches to 4 inches; the plant compact, with no surplus grass; the stem is long and graceful; keeping qualities are excellent; a good shipper; and we fell confident that this is one of the best commercial carnations sent out in years; we have given it five years' trial, and it is better this year than ever.

We are booking orders for January, 1910, delivery, at $10.00 per 100; $85.00 per 1000. Orders filled in strict rotation. For sale by

Miami Floral Co., Dayton, Ohio **E. G. Hill Co.** Richmond, Ind.

Our New Carnation for 1910

SCARLET GLOW (Shown as No. 51 [05] at the A. C. S. meeting at Indianapolis in January, 1909.) A good bright scarlet, in perfect health, early and free flowering, and keeping qualities of the very best.

Orders booked now for January, 1910, delivery. Price, $12.00 per 100; $100.00 per 1000.

F. DORNER & SONS CO., La Fayette, Ind.

ORDER QUICK

CHRYSANTHEMUM CLUMPS—Fine Enguehard, White Jones, Polly Rose, Pacific Supreme, Silver Wedding, Maud Dean, Major Bonnaffon, Golden Glow.

$4.00 per 100.

Cheap—Fine—A Bargain

JNO. A. KEPNER, Box 3, Harrisburg, Pa.

AMHERST, MASS.

The short course in floriculture at the Massachusetts Agricultural College last year was so successful that it will again be given, commencing January 4, 1910, and lasting for twelve weeks. Last year the department was somewhat handicapped because of lack of classroom, laboratory and greenhouse facilities, but with the fine equipment which has been built during the last year this difficulty has been obviated. French hall has excellent classrooms and laboratories and the range of greenhouses of the commercial type is up-to-date in every respect.

Aside from the lectures dealing specifically with the growth of florists' crops, greenhouse construction, heating, management and the marketing of flower products, there will be lectures by specialists from the college faculty on greenhouse insects, diseases of greenhouse crops, soils, fertilizers, and general plant life or botany.

Last year one of the most valuable features of the course was the various talks by practical growers. These will be repeated this year and the following well-known men have consented to talk on their specialties: W. H. Elliott, of Brighton, Mass., and Madbury, N. H., will talk on rose growing. Eber Holmes, of Montrose, will give his personal experiences along this same line of work. Peter Fisher will speak on the improvement of the carnation by breeding and give personal experiences in carnation culture. M. A. Patten, of Tewksbury, will give his experiences with this important crop. E. O. Orpet, of South Lancaster, will speak on orchids. William Sim, of Cliftondale, will speak one afternoon on "Sweet Pea Culture Under Glass" and in the evening will speak on violet culture. E. MacMulkin, of Boston, speaks on retail marketing. E. J. Elder, of the Lord & Burnham Co., will talk on greenhouse heating. It is expected that several experts will be present and give valuable suggestions in regard to the culture of other crops, but these arrangements have not been fully completed.

Each Saturday during the twelve weeks will be devoted to an observation trip to some greenhouse establishment, where details of management will be studied. The cost of this course will be comparatively small. No tuition is charged. The rent for furnished rooms in private families ranges from $1 to $2 per week. Board can be had at the college dining hall at $3.75 per week. Aside from these expenses the incidental items for books, traveling expenses on observation trips, etc., will be small.

The Review will send the Book of Grafted Roses for 25 cents.

Primula Obconica

Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

Vick & Hill Co.

P. O. Box 613. ROCHESTER, N. Y.

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TREES, SHRUBS, PLANTS, Etc.

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Lowest Prices Consistent With Quality of Stock. Send Your List of Wants and We Will Send Special Quotations

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17 MURRAY STREET NEW YORK

Only orders of sufficient quantity for direct importation accepted.

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HEACOCK'S PALMS

	Each	12
Areca Lutescens		
6-in. pot, 3 in pot, 24 to 26-in. high	$0.75	
6-in. pot, 3 in pot, 26 to 28-in. high	1.00	
7-in. pot 3 in pot, 30 to 32-in. high	2.00	
Cocos Weddelliana		100
2½-in. pot, 8 to 10-in. high		$10 00
2½-in. pot, 10 to 12 in. high		15.00
Kentia Belmoreana		
5-in. pot, 6 to 7 lv., 18-in.	100, $50.00	$ 6.00
6-in. pot, 6 to 7 lv., 22 to 24-in.	$1.00	12.00
7-in. pot or tub, 6 to 7 lv., 34 to 36-in.	2.50	30.00
9-in. tub, 6 to 7 lv., 42 to 48-in., h'vy.	5.00	
9-in. tub, 6 to 7 lv., 48 to 54-in., h'vy.	6.00	
Made-up Kentia Forsteriana	Each	
7-in. pot, 4 in pot, 34 to 36-in.	$2.50	
7-in. pot, 4 in pot, 36 to 38-in.	3.00	
9-in. tub, 4 in tub, 42 to 48-in.	5.00	

JOSEPH HEACOCK CO., Wyncote, Pa.

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Hydrangea Otaksa

4-in. pot plants, dormant, fine for Easter and spring sales, $15.00 per 100.

CYCLAMEN

4-in. pot plants, red, pink and white, strong plants, while they last, $15.00 per 100.

ASPARAGUS PLUMOSUS NANUS

Strong, 3-in., $5.50 per 100, $50.00 per 1000; 2½-in., $3.00 per 100, $25.00 per 1000.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg. PHILADELPHIA

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Important

Flowering, Foliage and Decorative Plants for Immediate Delivery

Also a fine list of

Christmas and Easter Plants

Write for our descriptive catalogue, sent free.

A. SCHULTHEIS

316 19th St. COLLEGE POINT, N. Y.

NOTICE

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Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade

A. & C. Pearson, Lowdham, Nottingham, Eng.

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Choice Stock

Asparagus Plumosus

3-in., 85c per doz., $7.00 per 100.

Ferns

For dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz.

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100.

Cash with order.

Frank Oechslin, 4911 Quincy St. Chicago, Ill.

Formerly Garfield Park Flower Co.

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IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY

The Orchid Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

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The HORTICULTURAL PRINTING CO.

BURNLEY, ENGLAND

Blooming and Decorative Plants for Christmas

Azaleas

75c, $1.00, $1.25, $1.50 each.

Begonias in Bloom

Gloire de Lorraine, 3-in., $20.00; 4-in,, $35.00; 5-in., $60.00; 6-in., $100 00. Red Vernon, 4 in., only $25.00. Pink Incarnata. 3-in., only $15.00. Rex, 3-in., $10.00; $4 in., $25.00.

Celestial Peppers

3-in., $7.50; 4-in., $12.50.

Primroses

Chinese and Obconica, 2½-in., $5.00; 3-in., $7.50; 4-in., $12.50.

Cyclamen in Bud and Bloom

2½-in., $5.00; 3-in., $8 00; 4-in., $20.00; 5-in., $35.00.

Roses in Bloom

3-in. Baby Ramblers, $12.50. 3-in. Soupert and Hermosa, $12.50; 4-in., $20.00.

Japanese Air Plants in Baskets

$1.50, $2.00, $2.50, $3.00 per doz. In Bird Nests, $6.00 and $9.00 per doz.

Christmas Evergreen Wreathing

20-yd. rolls, 60c. 75c, $1.00. Wreaths, 10-in., $1.50; 12-in., $2.00; 14-in., $3 00. Holly Wreaths, 10-in., $2.00; 12-in., $3 00; 14-in., $4.00 per doz.

Decorative Plants

Araucarias, Rubbers, Palms, Dracaena Terminalis, Ferns, Bostons, Scottii, Whitmani, Amerpohlii, Piersoni, Plumosus, Sprengeri, and Small Ferns for Ferneries. Write for lists.

Ferns

If you want Bostons, Whitmani, any size from 2½ to 10-in., write us.

Poinsettias

Small plants, fine for mixing in Fern Dishes, $5.00 per 100.

GEO. A. KUHL, Wholesale Grower
PEKIN, ILL.

Mention The Review when you write.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.

ORDONEZ BROS., 41 W 28th St., New York
AND MADISON, N. J.

Mention The Review when you write.

Geraniums

Rooted Cuttings ready now

S. A. Nutt.....$10.00 per 1000

WHITE BROS., Gasport, N. Y.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,
BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

PRIMULA
Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

Always Mention the....
Florists' Review
When Writing Advertisers

Bobbink & Atkins

Nurserymen and Florists :: Rutherford, N. J.

Pyramid Boxwood

2½ ft.	$1.00 each	4½ ft.	$3.50 each
3 ft.	2.00 "	5 ft.	4.00 "
3½ ft.	2 50 "	5½ to 6 ft.	5.00 "
4 ft.	3 00 "	6 ft.	6.00 "

Evergreens

We have a large quantity and fine assortment of small **EVERGREENS** for Window Boxes and Vases. 10-12 in., $20.00 per 100; 12-15 in., $25.00 per 100; 15-18 in., $35.00 per 100.

Kentias and Bay Trees

Our stock is larger and finer than ever. We can fill orders for all sizes and any quantity.

Rhododendrons

In all bright colors; fine forcing varieties; good value. $6.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

Pot Grown

	Per doz.		Per doz.
Azalea Mollis.....per 100, $35.00;	$ 4.50	Viburnum Opulus.....	$ 6.00
Deutzia Gracilis, pot grown, " 15.00;	2.00	Weigelia Eva Rathke.....	12.00
Double Flowering Cherry.....	15.00	Wistaria, blue.....	12 00
English Hawthorn, double scarlet.....	12.00	Dielytra Spectabilis.....per 100, $6.00	
Lilac, Charles X, Marie Le Graye, extra size, for 8-9-inch pots.....	10.00	Aucuba Variegated, for window boxes, 12 to 15 inches.....	4.00
Malus, Flowering Crab	12 00	Aucuba, fine plants, 18 to 24 inches.....	9.00
Prunus Triloba, Standard.....	15 00	Kalmia Latifolia.....	9.00
Prunus Triloba, Bush.....	9.00	Magnolia, pink .....$1.50 to	2.50
Staphylea Colchica.....	9.00		

ROSES

H. P., low budded, 2-year, fine stock for forcing in pots, following varieties, $15.00 per 100; $120.00 per 1000.

Gen. Jacqueminot	Marie Baumann	Gabriel Luizet
La France	Frau Karl Druschki	Magna Charta
Paeonia	Baroness Rothschild	Mme. Plantier
Ulrich Brunner	Mrs. John Laing	Mrs. R. G. Sharman Crawford
Baron Bonstettin	Gen. Washington	

	Per doz.	100
Crimson Rambler, home grown, 2-year-old, 2 to 3-ft., well branched, own roots	$2.00	$12.00
2-year-old, 2 to 3-ft., well branched, budded.....	2.00	12.00
3-year-old, 3 to 4-ft., well branched, own roots.....	3 00	15.00
3-year-old, 4 to 5-ft., well branched, budded.....	3.00	15.00
Dorothy Perkins, strong, field grown.....	2.00	15.00
Baby Rambler, half standards, 30-in. high.....	9.00	
Lady Gay, 2-year-old.....		15.00
Baby Rambler, dormant, field grown, selected, budded plants.....		16.00
Anny Mueller, dormant plants, 2-year-old (Pink Baby Rambler)		16.00

A visit to our Greenhouses and Nursery will convince you we have the quality that gives satisfaction

We have a fine selection of Nursery Products. Shall be pleased to give special prices on lists.

ASK FOR WHOLESALE CATALOGUE.

Mention The Review when you write.

Lorraine Begonias

Fine, shapely plants, grown cool.
Certain to please you.

5-inch, $6.00 to $8.00 per doz.
6-inch, $9.00 to $12.00 per doz.

Furrow & Co.
Guthrie, Okla.

Mention The Review when you write.

Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.

2-yr.-old Peonies, $10 00 per 100.

J. Murray Bassett, Hammonton, N. J.

Always mention the Florists' Review when writing advertisers.

Roland's Xmas Plants

	Per Doz.
Oranges	$24.00 to $48 00
Ardesias	12.00 to 36 00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	3.00
Cyclamen	5.00 to 36 00
Azaleas	6.00 to 36 00
Poinsettias	3.00 to 15 00
Ericas	18 00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston

Thomas Roland
NAHANT, MASS.

Always mention the Florists' Review when writing advertisers.

ROOTED CUTTINGS

Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000.
Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.

Ready Jan. 15:—A. Ricard, B. Poitevine, La Favorite, M. Castellane, F. Perkins, $1.50 per 100; $15.00 per 1000. Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000. Rose Geraniums, skeleton leaf, large leaf, $2.00 per 100.

Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Coleus, 25 vars., 70c per 100; $6.00 per 1000.
Heliotropes, 8 vars., 70c per 100; $6.50 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000. Dreer's fancies and all the other good ones.
Russelias, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Salvia, 6 vars., 90c per 100; $8.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Lemon Verbena, 90c per 100; $8.00 per 1000. Ready Jan. 15.
Pyrethrum Mt. Blanc, $1.00 per 100; $10.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
Tradescantia Zebrina, 50c per 100.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

Send for complete list

JOHN IRVINE & SONS, Bay City, Mich.

Mention The Review when you write.

ROCHESTER.

The Market.

General trade conditions here are good and the prospects for brisk Christmas trade are encouraging. With chrysanthemums still on the market, of first-class quality, carnations are not moving so readily as they did in the earlier part of the season, the quantity having greatly increased. Roses are selling well and at present are on the short side. American Beauties have fallen off in demand, owing, no doubt, to the advanced prices, it being difficult to command fancy prices here, especially if the stock is not up to grade. Christmas greens are moving readily and the demand promises to exceed that of last year. Violets have fallen off in demand the last few days, a reason for which can not be given; however, it is not on account of the quality, as it is the finest seen in Rochester for many a long day.

Club Affairs.

An enthusiastic meeting of the Commercial Florists' Association recently was held, at which the report of the treasurer was read concerning the flower carnival. It was extremely satisfactory to all concerned. After all accounts were paid, a balance was shown of about $1,200. This was a rather startling revelation when it was shown that at the commencement the association had the munificent sum of $12.03 to its credit.

Plans for obtaining suitable quarters for the association were discussed and a committee composed of E. S. Osborne and J. M. Keller was instructed to make an investigation of the probable cost, etc., of such an undertaking. The report will be given at the next meeting, Monday, December 13. At this meeting it is expected Dr. Algernon S. Crapsey will deliver an address on the vacant lot gardening commission and its work. We trust a large attendance will be on hand to hear this interesting lecture.

H. B. S.

New Salem, Mass.—The Crowl Fern Co. says that the fern pick this year was rather larger than usual. The quality in some places has been better than previously. The weather was favorable to the growth of ferns, and the fall was favorable for collection.

GERANIUMS

Special Offer for Immediate Shipment

For $25.00, cash, we will send the following collection 1325 plants in Zonals, Ivy-leaved, Fancy and Scented. This makes a complete assortment, and every one the best in its class. Do not ask us to send part of this at this price.

50 each of the following 20 varieties of Zonal Geraniums. 1000 in all:

Alphonse Ricard	**Jules Vasseur**	**Mme. Jaulin**
Anais Segalas	**Le Cid**	**Mme. Landry**
Beaute Poitevine	**Mme. Laporte Bisquit**	**Mrs. Lawrence**
Col. Thomas	**M. A. Roseleur**	**Peter Henderson**
Cousin Janie	**Marq. de Castellane**	**Pres. Baillet**
Fleuve Blanc	**Mme. Barney**	**S. A. Nutt**
Jean Oberle	**Mme. Buchner**	

20 each of the following Ivy-leaved Geraniums. 100 in all:

Ballade	**Dina Scalarandis**	**Rycroft's Surprise**
Corden's Glory	**L'Eleganta**	

20 each of the following Variegated Geraniums. 100 in all:

Masterpiece	**Mrs. Pollock**	**Sophie Dumaresque**
Mountain of Snow	**Silver-leaved S. A. Nutt**	

10 each of the following Scented Geraniums. 100 in all:

Apple	**Dale Park Beauty**	**Radula Major**
Balm	**Nutmeg**	**Rose**
Capitatum	**Quercifolium**	**Schotteshampet**
Clorinda		

25 Pansy Geraniums

New Geranium Price List is Now Ready

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

Mention The Review when you write.

AZALEAS FOR CHRISTMAS

THREE SIZES. NICELY IN FLOWER.

Simon Mardner, Vervaeneana, D. Perle, $10.00, $12.00 and $15.00 per dozen. Some beautiful specimens at $2.50 and $3.00 each.

Cyclamen, in full bloom, 40c, 50c, 75c and $1.00 each. **Primroses,** 5-in., 25c. **Dracaena Terminalis,** finely colored, 35c and 50c.

——Carefully packed. Good stock.——

W. H. GULLETT & SONS, ::: Lincoln, Ill.

Mention The Review when you write.

Snow White Sport of HELEN FRICK

Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.
Heavy stock plants.....$3.00 per doz.
Smaller " " 2.00

HENRY EICHHOLZ, Waynesboro, Pa.

Mention The Review when you write.

Cyclamens, fine stock, 2½-in., $5.00; 3-in., $8.00 and $10.00; 4-in., $12.00, $18.00, $25.00; 5-in., $35.00 and $50.00 per 100.
Primroses in bud and bloom, 4-in., $10.00; 5-in., $15.00 per 100.
Begonia Gloire de Lorraine, $35.00 and $50.00 per 100.
Asparagus Plumosus, 2½-in. strong, $2.5 per 100.
CASH WITH ORDER

CHRIST. WINTERICH, Cylamen Specialist **DEFIANCE, OHIO**

Good Sellers for Christmas



Poinsettia

Your sales will be large or they will be small according to the way you supply the popular demand.

Here is a list of the most popular plants for Christmas.

You ought to have some in stock—have them where people can see them and they will buy them.

Order today so you'll be ready for the demand.

Send for our catalogue and price list of other plants, shrubs and trees.

Poinsettias
6 and 7-inch pans, $7.00 and $9.00 per doz.

California Peppers
4-inch, $1.50 per doz.

Jerusalem Cherries
4 inch pots, $2.00 per doz.

Cyclamen
5-inch, $4.50 per doz.

Primula Chinensis
4-inch, $1.50 per doz.

Primula Obconica
4-inch, $1.50 per doz.

Boston Ferns
6-inch pots, $ 6.00 per doz.
7-inch pots, 9.00 per doz.
8-inch pots, 12.00 per doz.

Wittbold

737-739 Buckingham Place, Chicago, Ill.

Mention The Review when you write.

Plants for Xmas

Begonia Gloire de Lorraine, 5-in., 50c; 6-in., 75c.
Begonia Pres. Taft. 5-in., 60c; 6-in., 90c.
Cyclamen, 9-in., $1.00 each.
Poinsettia, 6-in.. made-up, $1.00; 8-in., $1.50.
Chinese Primroses, 4-in., 10c; 5-in., 18c.
Red Azaleas, $1.50 and $2.00.
White Azaleas, $2.00, $2.50, $3.00.
Proserpine Tulip Pans, 6-in., made-up with ferns, 50c.
Funkia Variegata, 4-in., 25c.
Cybotium Schiedei, $2.50, $3.50 and $5.00 ea.
Boxwood, 20c, 25c, 35c, 50c, 75c and $1.00 each.
Ferns for Fern Dishes, 2¼-in., $3.00 per 100
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1 25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00, $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 ea.

All my plants are in fine condition.

JOHN BADER
43 Ravine St., N. S., **PITTSBURG, PA.**

Mention The Review when you write

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

Always mention the Florists' Review when writing advertisers.

SPLENDID VALUES

PALMS. KENTIA FORSTERIANA—A grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened, clean plants, the best we ever saw. Extra good value. We have plenty of them.

36 to 40 in. high	$3.50 each
40 to 44 in. high	4.50 each
44 to 48 in. high	6.00 each

KENTIA BELMOREANA, 4-in. pot plants, ready for sales or growing on. Well shaped, bushy little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz.; $30.00 per 100.

GENISTA—Nicely trimmed plants, in good shape for Easter flowering, 5-in. pot plants, $3.50 per doz.; $25.00 per 100.

Boston Ferns.....5-in. pot plants, $35.00 per 100; 6-in. pot plants $50.00 per 100.
Elegantissima.....5-in. pot plants, $35.00 per 100; 6-in. pot plants, $50.00 per 100.

THE STORRS & HARRISON CO. PAINESVILLE, O.

Mention The Review when you write.

FERNS

			Per 100
Boston,	strong, 6-in.,	stock,	$40.00 to $ 50.00
Scottii,	" "	"	40.00 to 50.00
Piersoni,	" "	"	40.00 to 50.00
Whitmani,	" "	"	40.00 to 50.00
Todeaoides,	" "	"	40.00 to 50.00
Superbissima,	strong, 6-in.,	stock,	100.00
"	" 4-in.,	stock,	40.00
Strong, 4-in. stock of above varieties.			20 00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

Mention The Review when you write.

Ferns

Ferns for Dishes, Pt. Wilsoni. Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tsussimense, 2½-in., $3.00 per 100; 3-in., $5.00 per 100.

Asparagus Plumosus Nanus, 3-in., $6.00; 4-in., $10.00; 6-in., $40.00 per 100. Made-up plants, 5-in., 35c each; 6-in., 50c each.

Araucaria, 5-in., 5 and 6 tiers, $1.00 each.

Calla Plants, fine, in bud and bloom, 4-in. $10.00 and $12.00 per 100; 5-in., $15.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Select Ferns For Fine Store Trade

We offer a grand lot of exceptionally well-grown plants of the different varieties of **NEPHROLEPIS,** which will be found one of the best selling and most profitable plants that florists can handle.

Our stock is in unusually fine shape, and we will guarantee it will please the most exacting, as it is exceptionally good value at the prices quoted.

IMPROVED ELEGANTISSIMA. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greately improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6.00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

SUPERBISSIMA. Introduced by us in 1908. A very unique and distinct novelty. Its distinguishing characteristics are its dark green foliage and dense growth. Fronds are very heavily imbricated, making them very dense and compact. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6.00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

BOSTONIENSIS, PIERSONI, WHITMANI, SCOTTII. Extra fine plants, 6-inch pots, $6.00 per dozen; 8-inch pans, $12.00 per dozen.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

Mention The Review when you write.

EVANSVILLE, IND.

The Market.

Trade was good for Thanksgiving, and with moderate prices stock was in good demand. Roses were plentiful and brought $1 to $1.50 per dozen. Carnations were scarce and brought 75 cents per dozen. Chrysanthemums sold at $1.50 to $4 per dozen. Everything considered, the florists were well satisfied.

Various Notes.

The Blackman Floral Co. did a fine business and was in with a good supply of all cut flowers. Business has been good right along since Thanksgiving, with prospects of no let up till after the holidays. This firm will soon erect another house 25x125 feet.

Niednagel & Sons are very busy these days. Their roses and carnations are looking good, with a nice crop coming on for Christmas. Nice batches of poinsettias and Begonia Gloire de Lorraine were noted, which will be ready for the holidays.

Nellie Goodge says that trade Thanksgiving was good, her store being cleaned out of everything in flowers. The carnations are looking fine. A nice batch of lilies was seen and will be in for Christmas. She will put some beds in a cellar and plant them to mushrooms.

Ben Kramer reports business as excellent since Thanksgiving and is looking forward to a busy month. E. L. F.

ANDERSON, IND.—The Indiana Union Traction Co. is building a greenhouse for its private use, near the company's central power plant in this city. It will be heated by exhaust steam from the power plant.

OMAHA, NEB.—The florists of this city and Council Bluffs are considering the project of holding a flower show in the fall or winter of next year. They argue that there is no reason why they should not have a successful show, since Omaha is a flower center and the Wilcox greenhouses at Council Bluffs are among the largest flower greenhouses in the Missouri valley. Manager Gillan, of the Auditorium, is actually encouraging the plan.

Verbenas :: Verbenas :: Verbenas

The Season is now Open

OUR SELECTION

Rooted cuttings	$0 75 per 100;	$ 6.00 per 1000	
Strong plants in 2½-in. pots	2.50 "	20.00 "	

PURCHASER'S SELECTION

Mrs Wm. Taft, Miss Wilmott, rooted cuttings	$1 00 per 100;	$ 9.00 per 1000	
Rooted cuttings	.90 "	8.00 "	
Strong plants in 2½ in. pots	3.00 "	25 00 "	
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00 "	30.00 "	

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

J. L. DILLON, :: Bloomsburg, Pa.

Mention The Review when you write.

Christmas Stock

Firefly Azaleas, Poinsettias, Lorraine Begonias, Cyclamens, Primulas, Geraniums, Holly, and Box Pyramids, Specimen Evergreens in tubs, etc.

The above stock is especially fine. Come and see us.

WM. W. EDGAR CO., WAVERLEY, MASS.

Mention The Review when you write.

GERANIUM ROOTED CUTTINGS

S. A. Nutt and Buchner.....$10.00 per 1000
Poitevine and Ricard..... 12.50 per 1000

Large, strong cuttings, rooted right.

Personal attention given to all orders; my endeavor to give satisfaction if possible.

Cash with order.

C. F. TREICHLER :: SANBORN, N. Y.

Mention The Review when you write.

H. DREYER

Tel. 228 Newtown, Jackson Ave., **ELMHURST, L. I.**

Decorative Plants

SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

Mention The Review when you write.

NOTICE

If in need of Ferns, Araucarias, Primroses, Cyclamen, Small Palms, Hydrangeas, Moonvines, Vincas, Wire Baskets, or Soft Stock of any kind, look up our adv. on page 68, in November 25th issue of The Review.

D. U. Augspurger & Sons Co.

Box 778, PEORIA, ILL.

Mention The Review when you write.

Prepare for the Holidays

Canaan, Conn., November 23, 1909.

Mr. Godfrey Aschmann, Philadelphia, Pa.

Dear Sir: The plants which I purchased of you arrived in good condition and are very satisfactory. I am, yours truly,

(Miss) Rose Adams, Grower of Annual and Perennial Flowers.



A View of one of Godfrey Aschmann's Gloire de Lorraine Houses, taken Nov. 18, 1909.

Have Lorraines to Beat the Band. Enough for All

Lorraine, Lorraine, none like this e'er yet seen,
Flowers bright like topaz, leaves with emerald sheen,
Jeweled bouquets, peerless, transcendent, fair,
Matchless and charming, none with them compare.
Buy yours of me, and sell as works of art;
Worthy a place in palace, home or mart.

Begonia Gloire de Lorraine. Have a whole house full of them in 6-in. sizes, in first-class condition, ready to bloom now and for the holidays. Our experiments in the past in raising and cultivating this early Christmas plant put us in the foreground and now we will be able to deliver them in a much improved condition, with flowers much brighter in color and hardier, standing shipping well. Everybody seeing them, even enemies, must admire them. They are cracker-jacks; 7-in. pots, $1.25 to $1.50; 6-in. pots, 50c, 75c to $1.00. The 75c and $1.00 sizes are almost as big as 8-in.; 3-in. pots, 15c.

Made-up Plants, 8-in. pans, with 3 3-in. **Begonia Gloire de Lorraine** in center, edged with Asparagus plumosus and Sprengeri, or assorted dish ferns, very attractive. Sell on sight, 60c per pan.

Begonia Flambeau, 4-in., 15c; 5¼-in., 20c.

Begonias. New improved Erfordii and Gracilis, 5¼-in., $2.50 per doz.

TESTIMONY FROM MICHELL.

I personally visited Mr. Aschmann's greenhouses September 21, 1909, and found that the **Araucarias, Begonia Gloire de Lorraine, Boston, Whitmani, Scottii, Amerpohlii, Todeaoides ferns, Rubber Plants, Kentias** and **Arecas** are indeed A No. 1. Have never seen any better plants. The Gloire de Lorraine begonias in 6-in. pots are a perfect wonder, bushy and clean. Have never seen his greenhouses filled with plants as good as they are now.

F. J. MICHELL, of the firm of Henry F. Michell Co., 1018 Market St., Philadelphia, Pa.

Four Houses Filled with the Best. With What? Sure, with ARAUCARIAS, Our Specialty

Araucarias our specialty. More in favor than ever before.

We are one of the largest importers of these well-known and beautiful evergreen decorative plants, the **Araucaria Robusta Compacta, Excelsa Glauca and Excelsa.**

Araucaria Robusta Compacta, real beauties, hard to beat, 4-yr.-old, 6-in. pots, 15 to 25 in. high, $1.25, $1.50 to $1.75 each.

Araucaria Excelsa Glauca, the most attractive of the Araucaria family. This is the blue-green variety, combining grace and beauty, and is much admired; 4-yr.-old, 6-in. pots, 4, 5 and 6 tiers, 18, 20 to 25 in. high, $1.00, $1.25, $1.50 to $2.00 each.

Araucaria Excelsa, 1909 importation, in sizes as herewith stated: 5½ to 6 in. pots, 3-yr.-old, 4, 5, 6 and 7 tiers, 18, 20, 22, 24, 26 to 30 in. high, 60c, 75c, $1.00, $1.25 to $1.50 each.

Areca Lutescens, 5-in., made up of 3 plants, 35c.

Kentia Belmoreana, 4-in., 15 to 20 in. high, 25c; 6 to 7-in., stocky, 30 to 35 in. high, 6 to 7 good leaves, very bushy, $1.25, $1.50 to $2.00.

Kentia Belmoreana, 3-in., suitable for fern dishes 10c.

Kentia Forsteriana, 8-in. pots, made up, 1 large, 4 ft. high in center, with 3 small around, price $3.00 to $4.00; single plants, 6 to 7-in. pots, 25, 30, 35, 40 to 48 in. high, $1.00, $1.25 to $1.50, $2.00 to $2.50 each; 4-in., 20 in. high, 25c.

Cocos Weddelliana, 3½-in., 18 to 20 in. high, 20c to 25c; 3-in., 15 in. high, 18c.

Latania Borbonica, 4-in., 20c.

Ficus Elastica, rubbers, 5¼-in., 25c.

Christmas Azalea Indica

in bloom for Christmas, in fine condition, already forced for Christmas Trade. All now showing color, with open flowers and are placed in cold houses ready for shipment.

Remember for Christmas forcing we have to select the finest, strongest and healthiest plants. Weak, delinquent plants will not force successfully for Christmas. We have the following varieties for Xmas: Mme. Petrick, the best, new, earliest, double-pink variety in existence—never fails to bloom—very scarce and hard to get in Europe; Deutsche Perle (double white) and Vervaeneana (double rose variegated), a well known standard variety, 75c, $1.00, $1.25, $1.50 to $2.00 each.

In Easter varieties, in larger sizes, we have Bernard Andre alba (white), Niobe (white), Helene Thelemann (rose), Empress of India, Apollo (red), De Schryveriana (double variegated), Dr. Moore (pink), Mme. Van der Cruyssen, Louise Van Houtte (double large red), Simon Mardner, Vervaeneana, $1.25, $1.50 $2.00, to $2.50 each. In smaller sizes we have Simon Mardner, Van der Cruyssen, Niobe, Empress of India, Deutsche Perle, Vervaeneana, De Schryveriana, 50c, 75c, $1.00 to $1.25; John Llewelyn, 75c, $1.00, $1.25, $1.50 to $2.00 each.

We have a house full of Nephrolepis Todeaoides. This fern is a big improvement over all the crested ferns, 5½-in., 40c; 6-in., 50c to 60c; 7-in., as big as a bushel basket or washtub, 75c, $1.00 to $1.25.

Ferns. Nephrolepis Todeaoides and Boston, 5, 5½ and 6-in. pots, 35c, 40c, 50c. Whitmani, 7-in., as big as a wash-tub, 75c to $1.00. Boston, Scottii and Todeaoides, 7-in., 75c, $1.00, $1.25 to $1.50 each; as big as a washtub.

Ferns, Scottii, 6-in., 50c to 60c; 7-in., 75c; 7-in., as big as a bushel basket, $1.00.

Ferns, Wilsoni, bushy, 3 ferns in a 6-in. pan, 25c and 35c per pan.

Ferns, Wimsetti and Victoriae (silver leaf fern), 3 plants in a 6-in. pan, very attractive, 30c per pan.

Primula Kewensis, new yellow novelty, rapid grower, flowers stand for months when in bloom, 4-in., 15c; 5-in., 20c.

Primula Chinensis. John F. Rupp's best strain, assorted, 5¼-in., in bloom, $2.50 to $3.00 per doz.

Adiantum Cuneatum (maidenhair fern), 4-in., 10c.

Asparagus Plumosus Nanus, 2½-in. pots, $3.00 per 100; 4-in. pots, $10.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $3.00 per 100; 3-in., $5.00 per 100; 4-in., $8.00 per 100.

Dish Ferns. Best assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

LOOK! A 7-inch Whitmani as big as a bushel basket, 75c to $1.00.

We have a full house each of the finest **Amerpohlii** and **Whitmani** in the market. Amerpohlii, 5½ and 6-in., 40c and 50c. Whitmani, 5½, 6 and 7-in., 40c, 50c, 75c, $1.00.

Cineraria Hybrida, Aschmann's well-known strain, 4-in., 10c.

Cyclamen Giganteum, 4-in, in bud, 25c.

Jerusalem Cherries, 6-in., full of berries, 25c, 30c to 50c.

Hydrangea Otaksa, pot grown, 6-in., 25c to 35c.

NOTICE—All our Ferns are pot, not bench-grown. All goods must travel at purchaser's risk. Cash with order, please. Please state if you want stock shipped in or out of pots.

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Agapanthus, sturdy field plants, 25c each, $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

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Ageratum Stella Gurney, R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

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Alternantheras, small leaved, yellow, 2½-in., $1.50 per 100.
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Asparagus plumosus, 2¼-in., $2.50 per 100; 3-in., $7.00 per 100; 4-in., $12.50 per 100. Sprengeri, 3-in., $6.00 per 100; 4-in., $10.00 per 100. Grown cool and ready for a shift. No humbug. A 1 stock.
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Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
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Christmas peppers, 500 extra nice, berried plants, 4-in., 8c and 10c; 5-in., 12½c and 15c each. Well packed. Cash with order, please.
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Stock plants of chrysanthemums. Monrovia, Ivory, White Shaw, Early Snow, 50c per doz., $4.00 per 100, or will trade for rooted cuttings of geraniums.
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Golden Glow, 5c. V. Poehlmann, C. Touset, Yellow Chadwick, White Chadwick, B. May, Alice Byron, 4c.
Holton & Hunkel Co., Milwaukee, Wis.

Chrysanthemum stock plants. A. Byron, Mlle. M. Desjouis, Buckbee, White and Yellow Chadwick, Eaton and Pres. Roosevelt, $3.00 per 100.
John E. Rackebrandt, Princeton, Ky.

Chrysanthemum stock plants. Kalb, Monrovia and Bergmann, 2c. Enguehard, Robinson, Maud Dean, White Bonnaffon and Golden Wedding, 4c.
F. J. Prouty, Spencer, Mass.

Mums. October Frost, October Sunshine, Monogram, Glory Pacific, stock plants, full of cuttings, to make room, $2.50 per 100.
R. F. Gloede, Evanston, Ill.

Mum stock plants. Robinson, White and Pink Ivory, Holst, Ruth Cleveland, Giant Bronze, Boehmer, Intensity, 5c.
Jewell Greenhouse, The Dalles, Oregon.

Chrysanthemums, good stock plants. White and Yellow Bonnaffon, $3.00 per 100; Ivory, $2.50 per 100.
Kring Bros., Fairbury, Ill.

Stock plants of chrysanthemums. Monrovia, Oct. Frost, Touset, Jeanne Nonin, 50c per doz.; $4.00 per 100. A. T. Hey Floral Co., Maywood, Ill.

Chrysanthemum stock plants. Golden Glow, Opah, Touset, Polly Rose and Monrovia, 50c per dozen. A. C. Canfield, Springfield, Ill.

Chrysanthemum stock plants. Send for list and prices. All money-making kinds.
Geo. A. Relyea, Poughkeepsie, N. Y.

Chrysanthemum stock plants. Bonnaffon, M. Dean, Lynnwood Hall, $3.00 per 100.
P. A. Baker, Media, Pa.

Golden Glow stock plants, $1.00 per doz.; $5.00 per 100. Peirce Bros., Waltham, Mass.

Fine stock plants of Poehlmann and Crocus, 50c per doz. Wm. Lee & Sons, Bedford, O.

Chrysanthemums, field clumps. Pompons, 4c; singles, 8c. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, Columbian, new Scarlet Queen, Stellata, James' Prize, 3-in., ready for 4-in., $4.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, large flowering, dwarf prize, 2½-in. pots, $2.00 per 100. Cash.
E. Fryer, Johnstown, Pa.

Cinerarias, large flowering, 2¼-in., 2c. Stellata, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

Cinerarias, extra fine, 3-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Cinerarias, 2½-in., 3c.
Levant Cole, Battle Creek, Mich.

CINNAMON VINES.

Cinnamon vines, big stock, cheap.
C. Betscher, Canal Dover, Ohio.

CLEMATIS.

Clematis, large flowering, red, white, purple and blue, nice stock, 25c; $2.00 per 10.

Clematis paniculata, profuse white, hardy, ornamental, fragrant and reliable in every way; a large stock of very fine plants, $1.00 per doz.; $6.00 per 100, $50.00 per 1000.
F. A. Baller, Bloomington, Ill.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus rooted cuttings, clean, well rooted. Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000. Fine for stock plants. Cash.
Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, best varieties, strong rooted cuttings, 50c per 100; $4.50 per 1000.
Thompson & Sons, Sta. D., R. R. 1, Milwaukee, Wis.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

Coleus rooted cuttings, 50c per 100; 2-in., $1.75 per 100. R. K. Stokesberry, Leetonia, Ohio.

Coleus rooted cuttings, 15 good varieties, 60c per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CYCLAMEN.

Cyclamen giganteum superbum, new English strain, larger flowers than any other, 10 varieties, Rococo, in all colors, 4 strains of the new salmon shades, new fringed and frilled, all that is best, nicely budded, 3-in., ready for 4-in., $7.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen, best giant strain, 5 separate colors or mixed, strong, stocky plants, from 3-in., 7c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

CYCLAMEN—Continued.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, fine stock, 2½-in., $5.00; 3-in., $8.00 and $10.00; 4-in., $12.00, $18.00, $25.00; 5-in., $35.00 and $50.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamens, which took the first prize in the Milwaukee flower show. They are in full bud and bloom, 4, 4½, 5, 5½, 6-in. pots. Ask for prices. Carl Meier & Co., Green Bay, Wis.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, extra well grown and budded plants, from 4-in. pots, $15.00; 5-in. pots, $25.00 per 100. Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, large flowering, all colors, 3-in., $5.00 per 100; 4-in., $10.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cyclamen, from flats, finest selected vars., separate colors, $1.50 100, postpaid.
Wm. Eschrich & Co., North Milwaukee, Wis.

Cyclamen persicum giganteum, mixed colors, 3½-in., $8.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

DAHLIAS.

Dahlias. No more orders taken for field clumps after Dec. 10. Have large quantities of divided roots for present or spring delivery, in fifty varieties, standard sorts, mostly proven cut flower varieties.
W. A. Finger, Hicksville, L. I., N. Y.

Dahlias, field-grown clumps, will divide in 3 to 5 eyes, and will make 3 to 5 plants in the spring; Catherine Duer, fine red, and Clifford Bruton, fine yellow, $5.00 per 100. Cash with order. Ralph Horner, Mt. Holly, N. J.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

Dahlias, C. W. Bruton, best yellow, and Sylvia, long-stemmed pink. Undivided field clumps, $5.00 per 100.
E. E. Stewart, Rives Junction, Mich.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Dahlias, big stock, big clumps, best sorts. Send list. C. Betscher, Canal Dover, Ohio.

DAISIES.

Daisies, bellis, double white and pink, $2.00 per 1000. California Giant, winter flowering, white and yellow, 2½-in., $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

Paris daisies, yellow and white, 2-in., 1½c. Snowball and Longfellow, $2.00 per 1000. P. daisy, Etoile d'Or, rooted cuttings, 1c. Cash.
Byer Bros., Chambersburg, Pa.

Hardy daisies, Chrysanthemum maximum, better than Shasta. Strong divisions of same, $3.00 per 100; $25.00 per 1000.
W. A. Finger, Hicksville, N. Y.

DEUTZIAS.

Deutzia Lemoinei, for forcing, pot grown, extra heavy, from 9-in. pots, $50.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

DRACÆNAS

Dracaena indivisa, 3-in., 5c; 4-in., 12c. Fine, field-grown stock, ready for 5 and 6-in. pots. Special prices on application.
Mosbæk Greenhouse Co., Onarga, Ill.

FERNS.

FERNS FOR FERN DISHES, best stock, largest assortment; 2¼-in., $3.00 per 100. $25.00 per 1000; 3-in., $6.00 per 100, $55.00 per 1000.

CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.

ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.

Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

500 Whitmani ferns, for 5, 6-in., pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Amerpohlii ferns, 3-in., 10c; 4-in., 20c; 5-in., 40c; 6-in., 70c; 7-in., 85c. Piersoni, 4-in., 15c; 5-in., 25c; 8-in., $1.00. All good stocky plants. 4-in. plumosus, $15.00 per 100.
J. H. Milnor & Son, Ada, Ohio.

Ferns. 2½-in. Boston, 3c; 3-in., 8c; 4-in., 15c; 5-in., 30c. 2½-in. Piersoni and Whitmani, 4c. 2½-in. Scottii, 5c; 3-in., 10c. 2½-in. Amerpohlii, 6c; 3-in., 12c. 3-in. Elegantissima, 10c; 4-in., 15c.
Truitt's Greenhouses, Chanute, Kan.

Ferns. Place your order now for ferns, largest stock and prices lowest, considering quality. Whitmani, Elegantissima, Boston, Barrowsii and Piersoni, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St., N. S., Pittsburg, Pa.

Boston ferns from bench, for 4 and 5-in. pots, for immediate delivery. Nephrolepis exaltata, Nephrolepis Scottii, $15.00 per 100.
Fowler Bros., Westfield, Mass.

Ferns. Scottii, 2¼-in., 5c; 3-in., 10c. Whitmani and Elegantissima, 3-in., 10c. Boston and Piersoni, 3-in., 8c; 4-in., 12½c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns. Whitmani, 2½-in., 4c; 4-in., 20c; 5-in., 35c; 6-in., 50c. Barrowsii, 4-in., 15c; 5-in., extra, 35c; 7-in., heavy, 75c.
A. J. Baldwin, Newark, Ohio.

Boston ferns, from bench, 5-inch, 15c; 6-in., 25c. None but good stock that will make salable 5 and 6-inch plants.
P. Pearson, 1725 N. Campbell Ave., Chicago.

Ferns. Boston or Whitmani, 2¼-in., $3.00 per 100; 3½-in., $8.00 per 100; 5-in., $20.00 per 100; 6-in., $30.00 per 100.
J. W. Davis, 225 W. 16th St., Davenport, Iowa.

Boston ferns, from bench, ready for 5 and 6-in. pots, $3.00 per doz.; $20.00 per 100. Cash. Florists, this is good stock.
H. M. Totman, Randolph, Vt.

Ferns. Boston, 5-in., $35.00 per 100; 6-in., $50.00 per 100. Elegantissima, 5-in., $35.00 per 100; 6-in., $50.00 per 100.
Storrs & Harrison Co., Painesville, O.

FERN RUNNERS. Whitmani, Amerpohlii and Elegantissima runners, strong and healthy, $1.50 per 100. Cash with order.
J. T. Cherry, Athens, Ill.

Whitmani ferns, 6-in. pots, $5.00 per doz.; 7 and 8-in., 75c and $1.00 each; cut fronds, $2.00 per 100.
Davis, Florist, Shawmut Ave., New Bedford, Mass.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

20000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Ferns. Boston and Barrowsii from bench, for 5-in. pots, $15.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

20000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Ferns. Whitmani, 5-in., perfect plants, 35c; Amerpohlii, 5-in., 50c.
J. Sylvester, Florist, Oconto, Wis.

Ferns. Surplus of 4 and 5-in., fine stock, prices right. Herms Floral Co., Portsmouth, O.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

Boston ferns, very strong, 4-in., $20.00; 5-in., $30.00. Kemble Floral Co., Oskaloosa, Iowa.

Boston ferns, 4-in., $12.50 per 100.
B. E. Wadsworth, Box 224, Danville, Ill.

FEVERFEW.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

FORGET-ME-NOTS.

Forget-me-nots, hardy, blue; fine plants, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, nice, large, bushy stock plants, 4-in., $8.00 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

GENISTAS.

Genistas, nicely trimmed plants, in good shape for Easter flowering, 5-in., $3.50 per dozen, $25.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas, strong 4-in. stock, $15.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

GERANIUMS.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted, $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelties, Red Wing and Mrs. Annie Vincent, 25c each, $2.50 per doz. Write for geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Geraniums. Orders booked for January delivery. Hill, Gloire de France, La Favorite, Eugene Sue, Roseleur, Ricard and others, $1.50 per 100; $13.00 per 1000. Alliance, Richmond Beauty, Sir Fred Trevor and Variegated S. A. Nutt, $5.00 per 100.
Addems, Morgan & Co., Loda, Ill.

Large, well rooted geranium cuttings. S. A. Nutt and Buchner, $10.00 per 1000. Poitevine and Ricard, $12.50 per 1000. Ready now; can ship at once. All orders receive my personal attention. Cash with order. See display adv.
C. F. Treichler, Sanborn, N. Y.

Geranium rooted cuttings. Nutt, Buchner, $10.00 per 1000. Orders booked for later delivery. Ricard, Poitevine, Castellane, Jaulin and others, $12.50 per 1000. All strong, well rooted, the right kind of cuttings. Cash.
Rudolf Nagel, Lancaster, Pa.

100,000 geranium rooted cuttings. Nutt, Poitevine, Mme. Landry, Vera Vend, Jean Viaud, Mme. Barney, Heteranthe, La Favorite and L'Aube, $1.25 per 100; $10.00 per 1000. Mme. Salleroi, 75c per 100.
The Parker Greenhouses, Norwalk, Ohio.

Geranium rooted cuttings. Double Grant, Mme. Buchner, $1.25 per 100; $10.00 per 1000. S. A. Nutt, Buchner and double Grant, 2½-in., $2.50 per 100; 4-in., $5.00 per 100. Excellent stock. Cash. M. M. Lathrop, Cortland, N. Y.

Geranium rooted cuttings. Nutt, Ricard, Henderson, Poitevine, Gen. Grant, Bruant and La Favorite, guaranteed good strong cuttings, $1.25 per 100; $10.00 per 1000.
J. H. Milnor & Son, Ada, Ohio.

Geraniums. I want your trade. A trial order will convince you that my cuttings are grown to give you good plants. S. A. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Geraniums. Well rooted cuttings of S. A. Nutt, Montmort, Buchner, $1.25 per 100; $10.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings. Grant, Nutt, Buchner and others, $1.00 per 100; $10.00 per 1000. Henderson, Dryden, Ricard, Viaud and others, $1.25 per 100; $12.50 per 1000.
C. H. Puhlman, Carnegie, Pa.

Geraniums Ricard, S. A. Nutt, Buchner, from 2½-in. pots, extra fine lot of strong, cool-grown plants, $2.25 per 100; $20.00 per 1000. Order now.
J. R. Brooks, Oxford Depot, Orange Co., N. Y.

100,000 select top cuttings, well rooted, of Nutt, Buchner, La Favorite, Poitevine, Viaud, Perkins, Ricard, Doyle and Duc de Montmort, $12.00 per 1000. D. R. Herron, Olean, N. Y.

Geranium rooted cuttings. Nutt and La Favorite, $10.00 per 1000; Poitevine and Ricard, $12.50 per 1000; Poitevine alone, $15.00 per 1000. G. E. Fink, Roselle, N. J.

Geraniums. Nutt and Silver-leaved Nutt, 2½-in. pots, in bloom for Christmas, $5.00 per 100. Jacob Russler, 114th and Avon Ave., Morgan Park, Ill.

Geranium rooted cuttings. 15,000 S. A. Nutt, $1.00 per 100, $9.00 per 1000; 3000 Jean Viaud, $1.25 per 100, $10.00 per 1000. Cash, please.
Fred C. Greene, 610 Innis St., Oil City, Pa.

Geranium rooted cuttings, ready now. 15,000 Nutt, $1.00 per 100; $10.00 per 1000. S. A. Nutt, strong 2¼-in., $2.00 per 100. Ready.
Jacob Doerrer, R. R. 1, Columbia, Pa.

Geraniums. If you want good and true to name stock of all standard and new varieties write now and don't delay until spring.
R. F. Gloede, Evanston, Ill.

Geranium rooted cuttings. Poitevine, Viaud, Castellane, $12.00 per 1000. Nutt, Buchner, $10.00 per 1000. Cash with order.
Peter Brown, Lancaster, Pa.

Geraniums. Buchner, Jaulin, Nutt, Chas. Gervais, Henderson and Montmort rooted cuttings, $1.25 per 100; $12.00 1000.
Chas. Frost, Kenilworth, N. J.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Geraniums. 800 Nutt, 400 Viaud, 350 Ricard, 100 Henderson, 100 Poitevine, strong, 2½-in. pot plants, $2.00 per 100.
Mish's Lebanon Greenhouses, Lebanon, Pa.

Geranium S. A. Nutt cuttings, extra strong, well rooted, true to name, $1.25 per 100; $10.00 per 1000. E. A. Muchow, Clarence, N. Y.

Geraniums, S. A. Nutt and 8 other varieties, 2½ in. pots, $2.50 per 100; $20.00 per 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Geraniums, standard varieties, 2¼-in., $2.50 per 100; 4-in., 10c each. La Favorite, 5-in., 15c each.
Mosbæk Greenhouse Co., Onarga, Ill.

Geraniums. 1500 double Grant, strong, stocky plants, from 2-in. pots, $2.00 100; $18.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Geraniums. S. A. Nutt, La Favorite, Poitevine, Ricard and Bruant, 2½-in., 2c each.
F. J. Prouty, Spencer, Mass.

Geraniums. S. A. Nutt, 2½-in. pots, strong and vigorous, $2.25 per 100; $20.00 per 1000.
Fowler Bros., Westfield, Mass.

S. A. Nutt geraniums, 2½-in., ready for shift, $2.25 per 100; $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geranium rooted cuttings. Nutt, Poitevine and Ricard, $12.50 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Geraniums, the cream of the bedders. See display adv. John Irvine & Sons, Bay City, Mich.

Geraniums. Nutt, 2¼-in., 2c; Salleroi cuttings, 1c. Hammerschmidt & Clark, Medina, O.

GLADIOLI.

100,000 gladioli, $4.00 to $7.00 per 1000, if taken from the field. Silver Trophy, Sec. 2, Groff's hybrids, mixed seedlings and named sorts. Also small bulbs and bulblets cheap. Send for lists.
G. B. Babcock, Route 80, Jamestown, N. Y.

Gladioli, new forcing, Pink Beauty, great bloomer, $2.50 per 100; $20.00 per 1000. America, May, light mixtures, etc. Cash.
F. H. Stevens, Grower,
143 Superior St., Saginaw, W. S., Mich.

Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli. The Bride, $5.00 per 1000; Blushing Bride, $5.00 per 1000; Peach Blossom, $9.00 per 1000. Currie Bros. Co., Milwaukee, Wis.

Gladioli. See my display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

Gladioli, best sorts, extra mixtures, all sizes.
C. Betscher, Canal Dover, Ohio.

Augusta gladiolus, all sizes. Also dahlias.
C. H. Ketcham, N. S. D., South Haven, Mich.

HELIOTROPES.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark blue, fine, 2-in., 1½c. 10% disc. on all plants. Cash. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, nice stock, 2½-in., $2.00 100; $18.00 1000. Samples free.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotrope rooted cuttings, 60c per 100; $5.00 per 1000. H. S. Brandt, 141 Spruce St., York, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

HOLLYHOCKS.

Hollyhocks, dble. white, for design work, 1st size, 2c; 2nd, 1c. Cash. 10% disc. on all plants. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

HYDRANGEAS.

Hydrangea Otaksa, field-grown, strong, well shaped plants. Pot now for Easter blooming. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c; 4-crown, 12c; 5-crown, 15c; 6-crown, 18c; 7-crown, 20c; 8-crown and over, 25c.
Baur Floral Co., Erie, Pa.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, for next spring flowering, sturdy plants from 3-in. pots, $5.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

Hydrangea Otaksa, 3½-in., 6c.
Levant Cole, Battle Creek, Mich.

Hydrangea Otaksa, pot-grown, fine plants, in 6-in. pots. $15.00 per 100.
Jackson & Perkins Co., Newark, New York.

IMPATIENS.

1000 Impatiens Holstii, 2½-in., ready for 4-in., 3c each.
Wagoner Floral Co., Box 164, Columbia City, Ind.

IRISES.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

Iris, all types. Very select list.
C. Betscher, Canal Dover, O.

IVIES.

English ivy, 4-in., 12½c. Will exchange for rose stock. The Newburys, Mitchell, S. D.

LEMONS.

American Wonder lemon, strong plants in 2½-in. pots, $2.50 per 100.
Jackson & Perkins Co., Newark, New York.

LEOPARD PLANTS.

Leopard plants, 3-in., 6c.
Levant Cole, Battle Creek, Mich.

LILY OF THE VALLEY.

Lily of the valley for prompt delivery. Exposition grade, extra fancy, in cases of 2000 crowns, $32.00 per case; $17.00 per 1000. Perfection grade, true Berlin, in cases of 1000 pips, $14.00 per case. Holsatia grade, fine for later forcing or cold storage purposes, in cases of 2500 pips, $30.00 per case; $13.50 per 1000.
Jackson & Perkins Co., Newark, New York.

Lily of the valley, Bruns' celebrated Chicago Market brand, $15.00 1000; $1.75 100. Berlin pips, early forcing variety, $1.50 100; $13.00 1000. Fancy cut valley always on hand.
H. N. Bruns, 3040 Madison St., Chicago.

Early giant forcing valley, $14.00 per 1000.
Currie Bros. Co., Milwaukee, Wis.

LOBELIAS.

Double lobelia, Kathleen Mallard, strong and well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

MADEIRA VINES.

Madeira vines, big stock, cheap.
C. Betscher, Canal Dover, Ohio.

MISTLETOE.

Mistletoe. Silliman's Every Sprig Berried Brand, costs no more; quality considered, worth double. Write for prices. Eighteenth year.
A. B. Silliman & Co., Boone, Iowa.

MOONVINES.

Well rooted moonvine cuttings, extra good, $1.50 per 100. Stuart & Haugh, Anderson, Ind.

NURSERY STOCK.

NURSERY STOCK.

Elm, 3-4 ft., $3.50 per 100; 4-5 ft., $6.00; 6-8 ft., $12.00; 8-10 ft., $18.00.
Ash, 6-8 ft., $12.00 per 100; 8-10 ft., $18.00.
Maple, silver, 3-4 ft., $3.50 per 100; 4-5 ft., $5.00; 6-8 ft., $10.00; 8-10 ft., $18.00.
Catalpa, 4-5 ft., $5.00 per 100; 6-8 ft., $10.00.
White birch, 8-10 ft., $28.00 per 100; 10-12 ft., $35.00.
Wild B. cherry, 8-10 ft., $28.00 per 100.
Silver-leaved poplar, 6-8 ft., $15.00 per 100; 8-10 ft., $25.00.
Niobe weeping willow, 6-8 ft., $35.00 per 100; 8-10 ft., $40.00.
German iris, in variety, $3.00 per 100.
Golden Glow, $3.00 per 100.
Chrysanthemum uliginosum, $3.00 per 100.
Peonies, mixed, 3 to 5 eye divisions, $5.00 per 100. Pink, 3 to 5 eye divisions, $6.00 per 100. White, 3 to 5 eye divisions, $7.00 per 100.
Packing extra.
The Newburys, Mitchell, S. D.

20,000 cut-leaved weeping birch, all sizes. Write for cash price on size and number wanted.
W. & T. Cass, Geneva, N. Y.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ORCHIDS.

Boxes of ASSORTED ORCHID FLOWERS, $5.00 and upward.
Wheeler & Co., Waban, Mass.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

OXALIS.

Oxalis. Deppei, lasiandra and Shamrock, big stock. C. Betscher, Canal Dover, Ohio.

PALMS, ETC.

Palms. Kentia Forsteriana, a grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened, clean plants, the best we ever saw. Extra good value. We have plenty of them. 36 to 40 in. high, $3.50 each; 40 to 44 in., $4.50; 44 to 48 in., $6.00. Kentia Belmoreana, 4-in., ready for sales or growing on, well shaped little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz., $30.00 per 100. Storrs & Harrison Co., Painesville, O.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

Pandanus Veitchii, well colored, 7-in., $1.00. Cash with all orders.
Aurora Greenhouse Co., Aurora, Ill.

Pandanus Veitchii, fine plants, 6-in., $1.00 each; $12.00 per doz.
F. Oechslin, 4911 Quincy St., Chicago.

Palms. Pandanus Veitchii, nice 4-in. stock, $5.00 per doz.
Henry Engler, 4651 Lancaster Ave., Phila., Pa.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

PANSIES.

This is the way we select our seed plants. If a plant, in the field, produces a bloom three inches or more in diameter and of fine texture, form and color, we stake it and, if the second bloom equals or exceeds it, we transfer to the seed beds. We want you to try these thoroughbreds, grown from our own seed. 100 plants, 50c; 1000 plants, $4.00. Cash.
Steele's Giant Pansy Gardens, Portland, Ore.

600,000 PANSIES.

Brown's extra select, superb, giant, prize pansy plants, the best improved strain on the market, for size and colors unsurpassed. Fine, stocky plants, $2.50 per 1000; $20.00 per 10,000. Cash with order.
PETER BROWN
124 Ruby St., Lancaster, Pa.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
Gustav Pitzonka, Pansy Farm, Bristol, Pa.

150,000 pansies, finest mixture of real giants. Strong, stocky plants, $2.50 per 1000, $10.00 per 5000; also 5 separate colors, $3.00 per 1000, $12.00 per 5000. Cash.
Rudolf Nagel, Lancaster, Pa.

25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
S. J. McMichael, 142 Larkins St., Findlay, O.

Giant pansies, mixed, $2.00 per 1000. Cash. 10% disc. now on all plants. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Pansies. Finest English, French and German prize strains, $2.50 per 1000. Special prices in quantity. F. A. Baller, Bloomington, Ill.

Giant pansies, Bugnot, Odier, Cassier, Trimardeau, mixed, $2.50 per 1000; 2000, $4.00. Cash.
Byer Bros., Chambersburg, Pa.

Pansies. Sunbeam, the strain that is sure to please, $2.50 per 1000.
H. B. Snow, Camden, New York.

Pansies of my well known strain, none better, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Layal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $8.00 per 100. F. H. De Witt & Co., Wooster, O.

Pelargoniums, 70 best varieties, including all the best new and older sorts; 3½-in., fine, bushy stock, ready for a shift, clean and thrifty, $7.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Pelargoniums. Mrs. Layal (pansy geranium), fine, 2¼-in., $1.00 per doz.; $6.00 per 100. Cash. A. J. Winget, Mansfield, Ohio.

PEONIES.

Peonies, 20 superb varieties, 6 to 10 eyes, $1.75 per doz., $12.00 per 100; 3 to 5 eyes, pink, white, and red in equal proportion, $1.00 per doz., $6.00 per 100.
Johnson Seed Co., 217 Market St., Phila., Pa.

PEONY MONS. DUPONT.
And 90 others.
For fall planting. Send for free price list of phlox, iris and peonies.
FRANK H. WILD FLORAL CO.,
Sarcoxie, Missouri.

SPECIAL OFFER. Peonies, 10 choice named kinds, all colors, early and late, $1.00 doz., $6.00 100; $55.00 1000.
F. A. Baller, Bloomington, Ill.

PEONIES—Continued.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, 1200 sorts, big stock. Send for list. Largest collection anywhere.
C. Betscher, Canal Dover, O.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Dreer's double petunias, mixed, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Petunias, dble., rooted cuttings, $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

Petunias, all the good ones. See display adv.
John Irvine & Sons, Bay City, Mich.

PHLOXES.

HARDY PHLOX.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100; $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

PILEAS.

Pileas, strong 2-in., 1½c. Cash. 10% disc. on all plants. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

POINSETTIAS.

Poinsettias for Christmas, 3 plants in 7-in. pans, 60c per pan.
J. W. Davis, 225 W. 16th St., Davenport, Ia.

PRIMULAS.

Primula chinensis, fine, strong, healthy stock from 2½-in., ready for 4-in., in the following varieties: Dble. white and rose, Duchess, white, English, rose, giant salmon, extra dark red (fine for Christmas); Stellata, white and pink. $3.00 per 100. To every order I will add a few of my new auricula flowered strain gratis.
Alois Frey, Crown Point, Ind.

Primula obconica, 4-in., large plants, mixed colors, full of bud and bloom, $5.00 per 100. Sinensis, 4-in., mixed colors, double and single, fine stock, $8.00 per 100. A bargain. Try them.
Alonzo J. Bryan, Washington, N. J.

Primroses, Chinese, in bud and bloom, fine plants for Christmas blooming, 4-in., ready to shift, $6.00 per 100; 3-in., $2.50 per 100; 2¼-in., $1.50 per 100. Samuel Whitton, Utica, N. Y.

Primroses, Chinese, 4-in., $1.00 per doz.; 5-in., $1.75 per doz. Primula obconica, 5-in., $2.00 per doz. All fine stock, in bloom. Quick shipment. C. H. Woolsey, Rockford, Ill.

Primula obconica, in bud and bloom, fine colors, 5-in., extra heavy, $20.00 per 100 out of pots, $25.00 per 100 in pots. Cash.
Frank Sokol, College St., Worcester, Mass.

Chinese and obconica primroses, all in bud and flower for Christmas, 4-in., $6.00 per 100. Obconica, 3-in., $2.50 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primula obconica, extra strong stock, 2-in., $2.00 per 100; 2½-in., $2.75 per 100. Baby primrose, 2-in., $2.00 per 100.
N. O. Caswell, Delavan, Ill.

Primula obconica, Ronsdorfer and Lattman hybrids, 10 separate colors or mixed, 2-in., 2c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Primula, Chinese, in bud and bloom, shipped in 4-in. pots, 10c. Obconica, 3-in., 3c.
Wettlin Floral Co., Hornell, N. Y.

Primroses, in bud and bloom, 4-in., $10.00; 5-in., $15.00 per 100. Cash with order.
C. Winterich, Cyclamen Specialist, Defiance, O.

Primrose for Christmas blooming. Chinese and obconica, strong, 3-in., 3c. Cash.
C. F. Krzysske, Sandusky, O.

Primula obconica, best hybrids, in bloom, 4-in., 12c. Cash with all orders.
Aurora Greenhouse Co., Aurora, Ill.

While they last, obconicas and Forbesi primulas, 2-in., 1½c; 3-in., 4c.
U. G. Harglerode, Shippensburg, Pa.

Primulas. Obconica, alba, rosea, hybrida, rubra, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, ready for 4 and 5-in. pots, $6.00 per 100. Wm. Ehmann, Corfu, N. Y.

100 Primula obconica, 4-in., 7c each. In bud and bloom. F. J. Prouty, Spencer, Mass.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

Primula obconica, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

PRIVET.

California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.00 1000; 24 to 30 in., 4 to 6 bran., $14.00 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000.
Amoor River privet, 12 to 18 in., well bran., $12.50 1000; 18 to 24 in., well bran., $15.00 1000; 18 to 24 in., heavy, $16.00 1000; 24 to 30 in., heavy, $20.00 1000; 30 to 36 in., $25.00 1000.
F. O. B. Bostic. Cash with order.
Valdesian Nurseries, Bostic Dept., Bostic, N. C.

California privet, 1-yr., 12 to 18 in., branched, $10.00 per 1000; 2-yr., 2½ to 3 ft., 10 to 15 branches, extra heavy, $25.00 per 1000, packed.
Furrow & Co., Guthrie, Okla.

RESURRECTION PLANTS.

Resurrection plants and cacti. Cheap. Ask for prices. William Tell, Austin, Tex.

ROOTED CUTTINGS.

List of 1c, 2c and 3c rooted cuttings of roses, verbenas, etc., now ready.
Gem Nursery, Los Gatos, Cal.

Rooted cuttings of anything you want. See display adv. John Irvine & Sons, Bay City, Mich.

ROSES.

Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100; $25.00 1000.
W. Frank & Sons, Portland, Ind.

Baby Rambler roses, strong, three-year-old, field-grown, own root, have been cut back and lifted and have become well established in 5-in. pots, at $12.00 per 100.
Virginia Nursery Co., Purcellville, Va.

ROSE PLANTS, 2¼-IN.

Bride	$2.25 100;	$20.00 1000
Maid	2.25 100;	20.00 1000
Golden Gate	2.00 100;	20.00 1000

Andrew Peterson, Hoopeston, Ill.

Roses, field-grown, leading bedding varieties. Nice stock to pot up for spring sales. Write for list and prices.
Wachendorff Bros., Atlanta, Ga.

Roses, surplus stock, good and strong. Bride and Maid, 2-in., $2.00; 3-in., $3.00 per 100.
Dana R. Herron, Olean, N. Y.

Baby Rambler roses, pot grown, own root, for 5-in. pots, $10.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Strong 2-in. Kaiserin roses, $3.00 per 100; $25.00 per 1000. John Welland, Evanston, Ill.

Splendid assortment; ask for fall price list.
Leedle Co., Expert Rose Growers, Springfield, O.

RUBBERS.

Ficus elastica, 22 to 24 in., $6.00 per doz.; $50.00 per 100.
F. Oechslin, 4911 Quincy St., Chicago.

Rubbers, fine plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

SEEDS.

ONION SEED.

If you grow onions, either Yellow, Red or White Globe, and will send us your order, you will be pleased, as are all our customers. Write us for prices. Laughlin Seed Co., Kenton, Ohio.

Seed packets and bags. Catalogue, clasps and commercial envelopes, printed or plain. "If it's a Spangler bag, it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

Asparagus plumosus and Guava seeds. All from my own plants. C. H. Gardiner, 635 Orange Grove Ave., South Pasadena, Cal.

Native tree, shrub and plant seeds collected to order. Send for list, now ready.
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SMILAX.

Smilax, strong, cut back stock, ready for bench, out of 3-in. pots, $5.00 per 100; $40.00 per 1000. C. A. Rieman, 1224 Grand Ave., Connersville, Ind.

Smilax, 2¼-in., $1.00 100; $10.00 1000. Good, strong plants, cut back several times.
F. E. Selkregg, North East, Pa.

Transplanted smilax, strong plants, 50c per 100 by mail; $4.00 per 1000.
F. A. Baller, Bloomington, Ill.

Smilax, strong 2½-in., cut back, $1.50 per 100; $13.00 per 1000. Cash.
Addems, Morgan & Co., Loda, Ill.

Smilax plants, 2¼-in., $1.50 100; $12.00 1000, Skidelsky & Irwin Co., 1215 Betz Bldg., Phila.

Smilax 2¼-in., $1.50 per 100.
B. E. Wadsworth, Box 224, Danville, Ill.

SNAPDRAGONS.

Snapdragons, giant white, pink, scarlet, yellow, separate, ready to pot in 2-in., to follow mums, $1.00 per 100, $8.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Antirrhinums, our improved giants, best for cut flowers; pink, yellow, white, separate; strong, stocky 2½-in., $2.00; $18.00 1000. Cash.
Imperial Seed & Plant Co., Grange, Balto., Md.

STRAWBERRY PLANTS.

The best standard and new varieties. Catalogue free. Lake View Nursery, Poy Sippi, Wis.

VEGETABLE PLANTS.

50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto. 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
Chas. Black, Hightstown, N. J.

Grand Rapids lettuce, strong, transplanted, $3.00 per 1000; from seed bed, $1.00 per 1000; seed, 15c per oz. All prepaid.
F. A. Norton, 735 Lowell St., Ypsilanti, Mich.

Lettuce. Grand Rapids and Big Boston, $1.00 per 1000; 5000 for $4.00.
J. C. Schmidt, Bristol, Pa.

Grand Rapids lettuce plants, No. 1 stock, $2.00 per 1000.
Fred Windmiller, Sta. A, R. 2, Columbus, O.

Grand Rapids lettuce plants, from seed bed, $1.00 per 1000. Elvira Clark, Chelsea, Mich.

Best forcing tomatoes, 2½-in., $2.00 per 100.
Roney Bros., West Grove, Pa.

VINCAS.

Vinca variegata, 25,000 field rooted tips, stored in cool house, $1.00 per 100. These are first class and will grow into stock for spring sales. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, Ohio.

Vinca variegata, excellent field rooted tips that can be grown into stock for next spring's sales, $1.00 per 100; $10.00 per 1000.
W. J. Engle, R. R. 8, Dayton, O.

Vinca var., strong field clumps, selected, $5.00; first quality, $4.00; second, $3.00 per 100. M. M. Lathrop, Cortland, N. Y.

Vinca major variegata and Vinca major, large field clumps, $4.00 per 100.
A. L. Munk, Mt. Gilead, O.

Vinca variegata, in 2-in. pots, $1.50 per 100; 3-in. pots, $2.50 per 100.
Stuart & Haugh, Anderson, Ind.

Vincas, green; strong rooted cuttings, now ready, 75c per 100.
John Schweichler, North Tonawanda, N. Y.

Vinca variegata, 3½-in. pots, ready now, $4.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Vinca variegata rooted cuttings, 85c per 100; postpaid. Cash. W. E. Gravett, Lancaster, Ohio.

Vinca variegata, 90c per 100, postpaid.
Kate Cranz, Ira, Ohio.

VIOLETS.

Marie Louise violet blooms, ready now, A No. 1 quality, $1.00 per 100; Christmas week, $1.50 per 100. Cash with order, please.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Dorset, large, best bloomer. Field plants, 75c 100. F. A. Haenselman, Boulder, Colo.

TO EXCHANGE.

To Exchange—Chrysanthemum stock plants. 500 Dr. Enguehard, 400 Jerome Jones, 400 Jeanne Nonin, 200 Estelle, 2½c; will exchange for geranium cuttings. Kindly let us know what you have. Will exchange carnation cuttings later.
A. Laub & Son, Hughsonville, N. Y.

To Exchange—Chrysanthemum stock plants of Estelle, G. Pacific, Robinson, Maud Dean, W. Bonnaffon, Y. Bonnaffon, Louis Boehmer, Appleton and Dr. Enguehard, $4.00 per 100, for flowering and bedding plants.
Pleasant Hill Greenhouse, Logansport, Ind.

To Exchange—Field-grown stock plants of mums, Shaw, Weeks and others, $2.50 per 100, also smilax seedlings, $2.50 per 1000, for pansy plants, or what have you?
Langley J. Goodman,
R. F. D. 1, Box 22, Los Angeles, Cal.

To Exchange—Or will sell. Strong 2½ in. La Favorite, Rose and Ivy geraniums, field pentstemons and snapdragons, for gladioli, dahlias, peonies, or anything we can use.
Graser & Humphreys, Mt. Sterling, Ky.

To Exchange—Chrysanthemum stock plants as per classified chrysanthemum adv., for Bostons, cyclamen, gladioli and unrooted Enchantress family cuttings.
Crabb & Hunter Floral Co., Grand Rapids, Mich.

WANTED.

Wanted—Stock plants from bench of the best cut flower varieties in chrysanthemums; must be true to name. State number and best cash price. The Reeser Floral Co., Urbana, Ohio.

Wanted—Rose plants of any kind. Melrose Garden Co., 90 Melrose St., Providence, R. I.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000, Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

All sizes of cut flower and floral design boxes. Write for our box catalogue.
C. C. Pollworth Co., Milwaukee, Wis.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

DECORATIVE MATERIAL.

Galax, ferns, leucothoe. Quality guaranteed. Shipment prompt. Turn to our display adv. and make up an order now. We make a specialty of leucothoe, both green and bronze.
T. J. Ray & Co., Elk Park, N. C.

We want your orders for galaz leaves and leucothoe sprays. We always carry in stock a large amount of these evergreens. Write us for prices.
Geo. M. Autrey & Son, Harvard, N. C.

Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order. Crowl Fern Co., Millington, Mass.

MOSS.

Fancy sheet moss, packed in 3-bushel stocks, long sheets, $1.50.
Pittsburg Cut Flower Co.,
222 Oliver Ave., Pittsburg, Pa.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

FLOWER COLORINGS.

CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt., by mail.
C. R. Cranston, 73 Fifield Ave., Providence, R. I.

GOLD FISH.

Price list now ready. Extra large and fine crop of fish this season. No fungus; no lice. Our little book, "The Gold Fish Dealer's Guide," tells you how to handle fish, prevent and cure diseases; free to customers.
Glen Mary Fish Farm,
Chas. Pommert, Prop., Amelia, O.
Largest gold fish hatchery in the world.

Gold fish, aquarium plants, snails, etc., wholesale. Send for price list.
Franklin Barrett, 4815 D St., Philadelphia, Pa.

HOSE.

TYPHOON HOSE.

This hose is the result of a careful study of the effects of cinder walks, bench posts and the damp, warm atmosphere of the greenhouse. It is a guaranteed hose, with heavy rubber tubing and 3-ply heavy hose duck.

50 feet, coupled.....$ 7.50
100 feet, coupled..... 15.00
300 feet, coupled..... 42.00
E. H. Hunt, 78 Wabash Ave., Chicago.

Our hose is properly made and guaranteed. Best quality of duck and sheeting used in plies. Good composition. Old contracts enable us to still offer the following low prices. Per 100 ft.:

	3-ply	4-ply	5-ply	6-ply	7-ply
½-in.	$7.80	$8.40	$ 9.60	$10.80	$12.00
¾-in.	9.00	9.60	10.80	12.00	13.20

Immediate shipment, express or freight, in any quantity. The Crestline Mfg. Co., Crestline, O.

INSECTICIDES.

"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

PAPER POTS.

Paper pots. 5,000 3-in., $5.00; 4-in., $7.50. Shipped flat; low freight rates.
P. B. Crosby & Son, Catonsville, Balto., Md.

POTS.

Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M. Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.,
Lincoln University, Chester Co., Pa.

Standard red flower pots. Buy from the originators and introducers. Prices never higher.
C. C. Pollworth Co., Milwaukee, Wis.

"NUFF SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Red pots, none better.
Colesburg Pottery Co., Colesburg, Iowa.

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Till Jan. 1 I will accept one order from each florist for 500 4-line bill-heads for $1.00. Any printing you want. Cash with order.
Fred A. Sotter, Douglassville, Pa.

RAFFIA.

Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
or 810-824 Washburne Ave., Chicago.

SMILAX STRINGERS.

Smilax stringers. You can stand in the aisle and tie a string on any wire above the bench with ease. Any child can operate it. Saves time and labor. Price, $1.00.
S. C. Brendel, Mount Vernon, Ohio.

SPHAGNUM MOSS.

A full stock of moss on hand all year around. Sphagnum moss, $1.50 per bale; sheet green moss, $2.50 per bbl.; clump moss, 75c per bag. H. Kenney, 88 Rochester Ave., Brooklyn, N. Y.

Sphagnum moss, best quality, 75c per bale; 10 to 40, 60c each. Cash with order.
L. Amundson & Son, City Point, Wis.

Ten bales sphagnum, $7.00.
Z. K. Jewett Co., Sparta, Wis.

TIN FOIL.

Tin foil, 10 lbs., 10c per lb.; 100 lbs., $9.00.
Wm. Schlatter & Son, Springfield, Mass.

TOBACCO.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00. Write us for prices on large quantities.
Scharff Bros., Van Wert, Ohio.

WIRE WORK.

Wm. H. Woerner, Wire Worker of the West. Manufacturer of florists' designs only. Second to none. Illustrated catalogues.
520 N. 16th St., Omaha, Neb.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

50 per cent less than manufacturing cost. Our specialty—100 assorted designs, $10.00.
H. Kenney, 88 Rochester Ave., Brooklyn, N. Y.

Headquarters for wire work. Send for list.
F. W. Ball, 31 E. 3rd St., Cincinnati, O.

William E. Hielscher's Wire Works.
38 and 40 Broadway, Detroit, Mich.

Illustrated book, 250 designs free.
C. C. Pollworth Mfg. Co., Milwaukee, Wis.

Full line of wire work. Write for list.
Holton & Hunkel Co., Milwaukee, Wis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

ALLENTOWN, PA.—John F. Horn & Bro. had a supply of chrysanthemums this season which were of such fine quality as to attract the attention of the trade in many surrounding places. It is said that a Philadelphia florist offered to buy the entire stock, but could not make his offer tempting enough.

WORCESTER, MASS.—When the will of the late Hermann F. A. Lange was filed for probate, it was found that the bulk of his estate, valued at $125,000, had been bequeathed to his two sons, Albert H. and Carl C. Lange, who were also named as executors. The children of the second wife receive $5,000 each. The estate consists of $75,000 in real estate and $50,000 in personal property.

Horticultural Books

We can supply any of the following books at the prices noted, postpaid, and any other book at publishers' price:

Pronouncing Dictionary.
A list of plant names and the botanical terms most frequently met with in articles on trade topics, with the correct pronunciation for each. **35 cents**

Hardy Perennials and Old-fashioned Garden Flowers.
By J. WOOD. Describing the most desirable plants for borders, shrubberies, etc., foliage and flowering. Illustrated. **$2.00**

The American Carnation.
By C. W. WARD. Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. This book is the work of a careful, studious grower of ripe experience. Fully illustrated. **$3.50**

Tomato Culture.
By W. W. TRACY, U. S. Dept. of Agriculture. The book deals with every phase of tomato culture and was written for the man who wants the latest and most complete information on the subject. Cloth. 150 pages. Illustrated. **50 cents**

The Forcing Book.
By L. H. BAILEY. In this work the author has compiled in handy form the cream of all the available information on the subject of forcing vegetables under glass. In addition to this, the experience of many practical growers in different localities is furnished. **$1.25**

Bulbs and Tuberous Rooted Plants.
By C. L. ALLEN. A complete history, description, methods of propagation and full directions for the successful culture of bulbs in the garden, dwelling or greenhouse. The illustrations which embellish this work have been drawn from nature, and have been engraved especially for this book. Cloth. **$1.50**

Insects and Insecticides.
By CLARENCE M. WEED, D. SC. A practical manual concerning noxious insects and the methods of preventing their injuries. Profusely illustrated. A generally useful handbook on noxious insects. It covers the whole field of insect pests very thoroughly and is especially valuable for its complete and up-to-date methods of fighting insects. The work is intensely practical. All the important insect pests are described and remedies for them, and methods of preventing their injuries described in detail. Cloth. **$1.50**

Handbook of Plants and General Horticulture.
By PETER HENDERSON. This new edition comprises about 50 per cent more genera than the former one, and embraces the botanical name, derivation, natural order, etc., together with a short history of the different genera, concise instructions for their propagation and culture, and all the leading local or common English names, together with a comprehensive glossary of botanical and technical terms. Plain instructions are also given for the cultivation of the principal vegetables, fruits and flowers. Cloth. **$3.00**

Henderson's Picturesque Gardens and Ornamental Gardening.
By CHARLES HENDERSON. A volume containing half-tone illustrations of the prettiest and most famous gardens and parks of the world, vividly portraying lawn, garden and landscape effects, plant and tree groupings, decorative bedding, herbaceous gardens and borders, formal gardens, lawn gardens, Italian, Japanese and English gardens, rock gardens, wild gardens, bog gardens, subtropical gardens, sunken and terrace gardens, rosariums, hardy ferneries, arches, columns, festoons, etc., picturesquely draped with vines, as well as numerous other garden embellishments. Each illustration is described and explained. Cloth. **$2.50**

Greenhouse Management.
By PROF. L. R. TAFT, of Michigan Agricultural College. A manual for florists and flower lovers on the forcing of flowers, vegetables and fruits in greenhouses, and the propagation and care of house plants. It treats of all the plants commonly cultivated by florists and amateurs, and explains in a thorough manner the methods that have been found most successful in growing them. Particular attention is paid to the growing of cut flowers, the growing of fruits under glass, etc. Of special value will be the directions for treating plants when attacked by insects and fungi. The preparation of the soil, the use of various manures, composts and fertilizers, watering, ventilating and heating receive careful and minute attention. Cloth. 400 pages. **$1.50**

Florists' Publishing Co.

530-560 Caxton Building
334 Dearborn St. CHICAGO

Greenhouse Heating.

THE possibility of a big railroad tie-up by a strike early in the new year makes it the part of wisdom to see that the coal bins are filled to their greatest capacity.

DIAMETER OF SMOKESTACK.

What diameter of smokestack would be required for four boilers, tubular, return flue, six feet in diameter by eighteen feet long? A. R.

Without knowing the number and size of the boiler tubes it is not possible to estimate the size of the boilers. It is also well to know the size of the grates, as well as the openings, in estimating how large a smokestack is required. If the boilers do not have a capacity of over 200 horse-power each, it is probable that a chimney five feet in diameter will prove large enough.

HOUSES ADJOINING DWELLING.

In this latitude, the northern part of Oklahoma, is it preferable to build a greenhouse north and south, or east and west? Would the heat from 7,500 feet of glass at the south of my dwelling have any effect on the temperature in the dwelling in summer?

I have a basement under my dwelling, 30x34 feet, and eight feet from floor to ceiling. I wish to build two greenhouses, each 25x100, twenty feet south of my residence, and heat both with the same hot water plant. Would it be better to put the boiler in the basement or in the greenhouse, and would there be any bad odor from the boiler if placed in the basement?

If I put a partition in one of the houses, can I have a different temperature for roses and carnations? Which two of these three flowers, roses, carnations and mums, will do best in the same room?

W. R. M.

Especially in the more southern states, it is advisable to have the houses run north and south and of course the even-span construction should be used.

It is not likely that the heated air in the greenhouse would have any marked effect upon the temperature within the dwelling, unless there were a direct connection between the two, but the heat radiated from the glass would raise the temperature of the wall of the house. Probably the most noticeable result would be that the location of the greenhouse along the south side of the dwelling would shut off the cool summer breezes from the south and southwest.

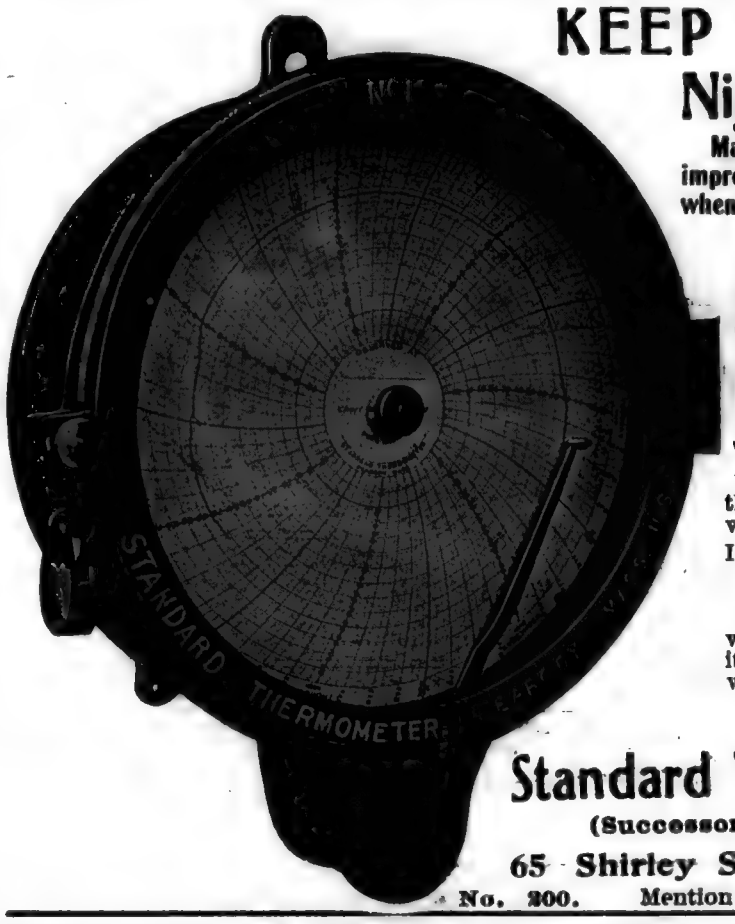
While it is not likely that there would be any serious trouble from odors from the boiler if placed in the basement of the dwelling, there would almost certainly be more or less smoke and dust from the coal and ashes, which would work their way into the dwelling unless care was taken to cut off the basement completely from the floor above. It will then be largely a question of whether one wishes to go to the extra expense of building a fire and coal room outside, or suffer the annoyance mentioned.

There will be no difficulty about dividing a house by a partition so that it will be possible to maintain different temperatures in the two rooms thus formed, but the efficiency of the house will be slightly reduced by the partition. To secure 50 degrees in one house and 60 in the other, there should be one-third more radiating surface in the latter than in the former. The chrysanthemums will do better in the room with the carnations than with the roses.

PIPING FOR HOTBEDS.

I wish to extend the heat to my hotbeds, but before doing so will ask your advice as to the best arrangement of the pipes.

I have a concrete frame, 6x36 feet, for six sashes, and I wish to run hot water pipes from my boiler room underground, a distance of only about eight feet, to the hotbed frame. I am undecided as to the best method of placing these pipes. I should like to know how much 2-inch pipe will be required, and whether to place the pipe underground in the beds, or on a level with the ground at the upper and lower ends of the bed, or under the glass at the upper and lower ends. I prefer to use 2-inch pipe. Will you



KEEP TAB ON THE Night Temperature

Many a grower has found an immediate improvement in the quality of his stock when he put in our

IMPROVED

Recording THERMOMETER

It tells in the morning just how the temperature in the houses has varied during the night.

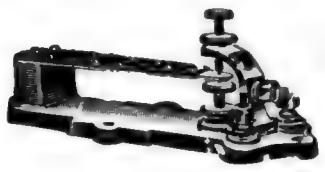
Illinois State Florists' Association.

Edwardsville Ill., Oct. 28, 1908.
The Recording Thermometer is working o. k. I would not part with it for twice the cost. Send me $1.00 worth of charts for the same.
J. F. Ammann.

Send for Prices.

Standard Thermometer Co.
(Successors to PARKER MFG. CO.)
65 Shirley Street, BOSTON, MASS
No. 200. Mention The Review when you write.

No More Ruined Stock
No More Sleepless Nights



This little ADJUSTABLE THERMOSTAT does the work. Set the instrument at the minimum temperature wanted. It will ring a bell at the head of your bed when that temperature is reached.

Loyd C. Bunch, of Fredonia, Kan., writes: "I have used this kind of Thermostat four years and it has never failed. I set it at the minimum temperature I want, and go to bed and sleep soundly until my bell at the head of my bed wakes me."

Complete outfit, only $2.50

Includes Thermostat, alarm bell, 2 dry battery cells, 150 ft. insulated wire, switch, tape and staples. Full instructions for installation with each outfit. Anybody can put it up.

Manhattan Electrical Supply Co.
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SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building. Philadelphia
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DRAPER'S
Recording Thermometer
Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed
Size 14 x 20 in., price $30.00
" 9 x 14 in., " 20.00
THE DRAPER MFG. CO.,
152 Front St., New York
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DO YOU KNOW ABOUT THE
Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO. 283 Dearborn St. CHICAGO



Metallic Thermometer "A"

SIZE—8 inches high, 4 inches wide, 2 inches deep. Case made of cast aluminum, highly finished.

This little instrument is an accurate, fully tested thermometer showing the correct temperature at all times, and combines a device which will ring a bell at your bedside when the greenhouse gets either too hot or too cold.

The florist needs protection against the overheating of his greenhouses as well as a protection against cold, for which we can highly recommend our type "A." This device serves both purposes, and at the same time indicates, as previously stated, the actual temperature in his greenhouse.

We guarantee that actual results will at all times be obtained. This device has been subjected to the severest tests in our laboratory, for over two years, and at the same time has given entire satisfaction, under all conditions, to many users in the trade.

All you have to do is to set the pointers at the highest and lowest temperatures you want, and the thermometer will do the rest. It will ring a good, loud bell when either point is reached.

This device saves all worry over trouble from sudden temperature changes.

Investigate it today.

The "National" Differential Temperature Alarm



SIZE—4 inches in diameter, 1½ inch deep. Casing made of Sheet Aluminum.

A sudden cold snap, or a rapid thaw, may mean hundreds of dollars' loss because your greenhouse gets too hot or too cold before you realize the sudden change that has occurred.

Protect yourself from such danger

Our Differential Temperature Alarm is specially designed for florists' use and is **guaranteed** to give absolute protection from the dangers before stated. Set the pointers at the highest and lowest temperatures desired and this device will positively ring a bell at your bedside when either point is reached.

Over 2,000 of these instruments are now giving complete satisfaction to florists throughout the country.

It is constructed of the very best material available for the purpose, and contains no complicated mechanism; hence serves its purpose a lifetime.

The pointers on face of instrument can be set so as to allow a difference between a possible increase or decrease of temperature of only two degrees. All that is necessary is to change position of pointers by loosening set screw in center so as to set the pointers or hands on face of dial; then tighten said set screw.

We also manufacture separate instruments; No. 1, to ring a bell when the house gets too hot; No. 2, to ring a bell when the house gets too cold. Of course, the most useful is the instrument illustrated above, which is a combination of both No. 1 and No. 2.

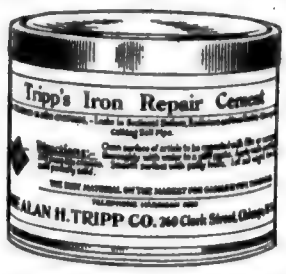
Let us send you our catalogue of styles and prices. A postal will bring it

National Clock & Electric Mfg. Co.

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FOR $1.00



We will send you by express, all charges prepaid, a one pound can of

Tripp's Pipe Joint Compound

Ground in Boiled Linseed Oil, ready to use, and a one pound package of

Tripp's Iron Repair Cement

The Alan H. Tripp Co.

260 S. Clark Street, CHICAGO

Mention The Review when you write.

kindly advise me which method is the best, or can you offer some better suggestion? What amount of pipe would be advisable? These hotbeds are to be used for general stock, such as cauliflower, lettuce, etc. I am located in northern Maryland. J. B. R.

If it is merely desired to maintain a temperature of, say, 50 degrees in the hotbed, it would only be necessary to run a 2-inch flow pipe along the back (higher), and then carry the return back on the front side. Whether the pipes should be close to the glass, will depend upon the height of the sides above the soil. It will be best to have them as far from the glass as possible and not come within eight to twelve inches of the soil, the latter height being preferable where the sides are eighteen inches high. If so low as to touch the leaves of the plants, some injury would result from the drying out and burning of the edges of the leaves.

It will, however, be desirable to have some bottom heat, and for this purpose two lines of return pipes should be carried in the bottom of the bed, about eight inches below the surface. If this is done, it will not be necessary to have a return pipe upon the wall of the bed and the flow pipe should then be upon the south wall. The only objection to using the plan first outlined is that when the two underground returns are added there will be more radiation than is desirable, if 2-inch pipes are used. With a 2-inch flow on the back wall, the use of 1½-inch pipes for two underground and one front wall return will give the proper radiation.

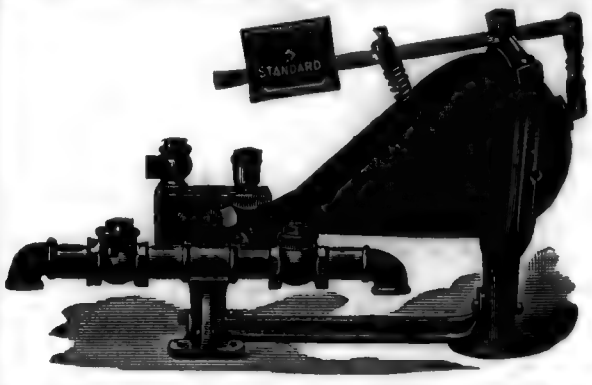
A WATERTIGHT PIT.

"One of the most difficult, and often serious, matters growers have to battle against is water in the boiler-pit. I have just had a visit from a colleague who had a tale of woe to tell me on this account, and this induced me to write a few notes about making stokeholes," says a writer in the Horticultural Advertiser (English).

"Builders will insist upon treating this job in a careless way, with the result that the water cannot be kept out. The fault is, that the stokehole is built like a brick tank, cementing the inside.

"I will assume that we have to build a stokehole under adverse conditions,

The Standard Steam Trap



is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

E. HIPPARD, Youngstown, Ohio

Mention The Review when you write.

Pipe Fittings -- Imico Boilers

FOR GREENHOUSE WORK

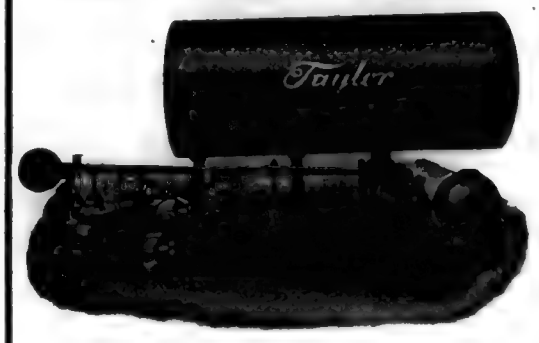
ILLINOIS MALLEABLE IRON CO.

1801-1825 DIVERSEY BOULEVARD CHICAGO

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BUY THE

Taylor Automatic RETURN TRAP



AND SAVE MONEY

Write for our Guarantee and Best Prices

TAYLOR STEAM TRAP CO.

BATTLE CREEK, MICH., U. S. A.

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Leaks Ruin Stock

Don't Have Them

Our Emergency Pipe Clamps

are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



Send for catalogue.

Pipe Repairs and Steam Specialties

JAMES McCREA & CO.

Manufacturers

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THE SUPERIOR

GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of

GRATE BARS

both rocking and stationary

Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.

Send for catalogue and prices.

Superior Machine and Boiler Works

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L. D. Phone, Monroe 1008.

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WILKS

Hot Water Boilers

— Are —

The Most Economical Boiler for Greenhouses

No night fireman required with our Self-feeding Hot Water Boilers.

Send for Catalogue and Prices

S. WILKS MFG. CO.

3523 Shields Ave., CHICAGO

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Steel Return Tubular Boilers

The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.

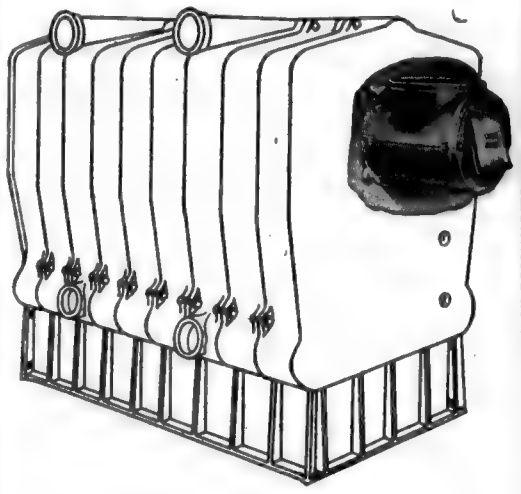
JOHNSTON HEATING CO.

138 E. 31st St., NEW YORK

Mention The Review when you write.

that we actually have water standing in the hole. If we can build successfully under such conditions, it should be an easy matter to make a good job when the place is dry. First of all, the hole should be dug out a foot deeper than really is required. This should be made firm with a 12-inch layer of concrete,

The Burnham



Smoke Box is interchangeable, so pipe can be attached at back, top, sides or bottom if you want to—without buying a thing extra—simply a turn of the bolts.

Lord & Burnham Co.

IRVINGTON, N. Y.

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High-Grade Boilers

Get Our Catalogue For GREENHOUSES

STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

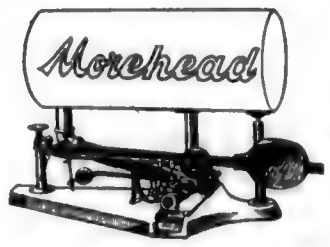
Mention The Review when you write.

otherwise sinking and cracking of the walls is sure to follow sooner or later. Having, as I said, water in the hole, we dump our concrete in dry. It is best to have a pump fixed in the hole to keep out water not necessary for working the job. Having shot in our concrete and made level, we put on this a 2-inch layer of cement; on this the bricks are laid for the floor. The walls are built in the usual way, leaving a space of a couple of inches between the walls and the bricks, which space is filled in with concrete, say three parts sharp sand and one of cement. As the work proceeds let the water rise up to the level of the work, preventing any pressure of water from the outside. Get a couple of men inside the hole. If the water rises too quickly keep the water level with the work. Have the outside space well filled up with cement. The weight of the water will help to settle the bottom firm, and the cement will set under water equally hard. After setting, the water can be baled out of the hole, and nothing but careless workmanship will make the job a failure.

"For the solid concrete bottom any stuck—such as the Americans call it—may be used, coarse gravel, broken-up bricks, clinkers, broken-up pots, provided they are clean, i. e., free from soil. Mixed dry with cement.

"Where time is limited, and the boiler pits to be fixed almost at once, strong soda water for mixing the cement may be used. Builders will tell you that it will not last, but not long ago the writer was speaking to a gasfitter, laying new gas mains, and he was saying how well such cement had stood the test of fixing hot water pipes in a greenhouse."

A Better Growth of Flowers Guaranteed



The reason more Morehead Steam Traps than any other make have been sold in the past twenty years is because they are directly responsible for a better growth of flowers wherever installed. "The best investment we ever made," is he statement we invariably receive.

"How and why" in the Trap Book. Send for it.

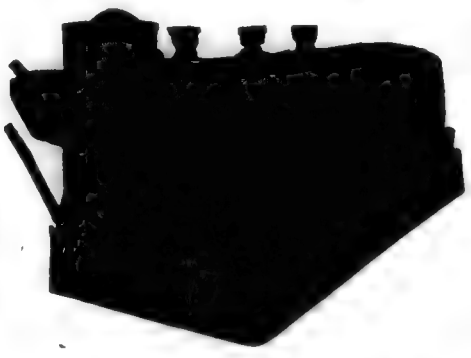
MOREHEAD MFG. CO., Dept. M, Detroit, Mich.

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THE KROESCHELL BOILER

IS THE ONLY PERFECT

Hot Water Boiler



Not Cast Iron

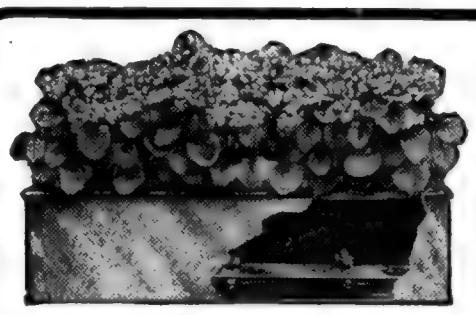
Has thin waterways. Heats quickly. It is the most efficient, safest and most economical boiler built. **Very powerful.** 15 sizes, heating from the smallest greenhouse up to 50,000 square feet of glass to 60 degrees, at 15 degrees below zero.

Prices and catalogue on application.

KROESCHELL BROS. CO., 444 Erie St., CHICAGO

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Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. **Your jobber will supply you,** or write to

Handsome illustrated booklet sent free on request. ILLINOIS HEATER & MFG. CO. 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

Electric Hose & Rubber Co., WILMINGTON, DELAWARE



Manufacturers of RUBBER GARDEN HOSE by a new and improved process. Made in any continuous length. Vulcanized under pressure. Made with seamless braided fabrics. Cannot possibly unwrap or separate between plies. Great strength and durability. Will not kink.

THE ORIGINAL CHICAGO ELECTRIC HOSE

NOT THE CHEAPEST, BUT THE LEAST EXPENSIVE. FOR SALE BY ALL SUPPLY AND SEED HOUSES.

Mention The Review when you write.

INDIANAPOLIS.

The Market.

Business for the last week has been good. A number of receptions and parties created quite a demand for flowers, Beauties, Killarneys, orchids, violets and valley being in demand. Beauties are not of as good quality as heretofore. Some few mums are to be seen, but they are about at an end. Of sweet peas there are not enough to go around. Other stock is plentiful.

Various Notes.

W. F. Conway says he will have a fine lot of mums for Christmas.

Mrs. Carl Glaubke suffered a severe accident. After alighting from a north-bound car near her home at Broad Ripple, she started to cross the tracks from the rear of the car and was struck by a south-bound interurban car. Mrs. Glaubke was carrying a small baby at the time, but had enough presence of mind to toss it aside, which no doubt saved its life. She, however, suffered a broken arm and internal injuries which necessitated taking her to a hospital. Last reports stated that she was improving.

John Bargman, formerly with A. Wiegand & Sons, has taken a position with Bertermann Bros.

W. J. Farney, representing M. Rice & Co., was a caller last week.

Fred Hukriede is cutting quantities of callas at present.

The Beyer brothers, of South Bend, Ind., were in the city last week, visiting the different florists.

L. F. Benson had his window tastefully decorated with poinsettias this week.

August Grande, of Olinville, died November 28. Further particulars will be found in this week's obituary column.

H. L. W.

WELLSVILLE, O.—The formal opening of B. A. Mick's new store, November 6, was a success in every way, with a fine display of stock.

WILKESBARRE, PA.—Ira G. Marvin, who conducts a large business in florists' supplies, as well as flowers, will open a branch store at 524 Spruce street, Scranton, Pa. The Scranton store will be devoted entirely to the wholesale end of the business, and will be used as a distributing point for the firm's business throughout Lackawanna and nearby towns.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
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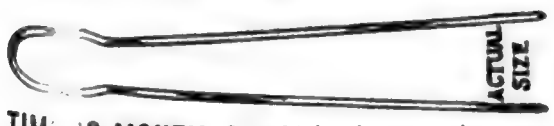


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Manufacturers of STANDARD FLOWER POTS

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MINNEAPOLIS.

The Market.

A cold snap struck the city the last of the week, and the outlook for a few days, at least, means a great inroad on the coal pile. Stock is good and plentiful, and bringing good prices. Violets are scarce and promise a shortage for Christmas.

Various Notes.

Out-of-town shippers are booking their orders for the holidays and the outlook is for good business.

The Minneapolis Floral Co. is making a fine showing of poinsettias, and also some cyclamen and Primula obconica in bloom.

Cal. Rice, while out hunting last week, brought down a good sized moose. This was the only big game, and anything smaller, of course, is not worth mentioning against that.

The Minneapolis bowling team met Thursday evening, December 2, at Deschler's alleys.

The joint meeting of the Minnesota State Florists' Association and the Minnesota Horticultural Society was held on Wednesday, December 8.

Visitor: W. C. Johnson, representing E. H. Hunt. M. E. M.

HANNIBAL, OHIO.

Hoskins Bros., who have heretofore been using two houses, each 22x164, for the growing of lettuce and cucumbers, have just completed the erection of two more houses, each 10x175, to be used for the same crops.

Emil Rist, whose greenhouse was destroyed by fire last spring, is now building another greenhouse, 28x90, for the growing of lettuce and other vegetables.

Joseph Tischer has just completed one of the largest greenhouses in Monroe county. The house is 40x200 and will be used for lettuce and cucumbers. H.

CAMBRIDGE, MASS.—The new business block, named the Newtowne Chambers, which John McKenzie, the florist, has been erecting at the corner of Massachusetts avenue and Davenport street, is now completed. Mr. McKenzie will use part of the first floor for his store, but the rest of the building, which is of brick and four stories high, will be rented for office purposes.

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	Diam.	Each.	Doz.	100.
A	11 in.	.65	7.15	55.00
B	12¼ "	.75	8.25	65.00
C	13½ "	.85	9.35	75.00
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Packed in strong, hardwood crates. Plenty of straw.
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1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50



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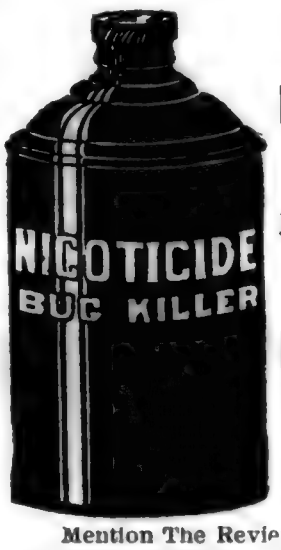
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WASHINGTON.

The Market.

Business last week was quite brisk, all florists having more or less decorating to do, although the weather has been quite warm.

In the plant line, Lorraine takes the lead, but cyclamen and azaleas have made their appearance.

Cut stock sold well all the week, with only a few white mums to be had. Carnations and valley were the most sought after.

Various Notes.

The bowling team of the Washington Florists' Club attended the flower show in Baltimore, Thursday evening, December 2. They report an interesting and successful exhibition, and a pleasant trip.

The music at the establishment of F. H. Kramer continues to attract big crowds. Mr. Kramer is doing a large business in the novelty line, having just received a large shipment. He reports business as exceedingly satisfactory.

Friday evening, December 3, Otto Bauer and W. F. Gude attended the exhibition at Baltimore.

Some quite elaborate pieces were made for the funeral of Richard Henry Lynn, president of the American National Bank, this city, who was drowned while duck hunting in Cecil county, Md. One of the most elaborate pieces, a casket cover of white roses and violets, was executed by the Washington Florists' Co.

December 11 is the date set for the horse show, an annual social event which is coming to mean a great deal to the florist.

W. F.

MARION, N. Y—H. H. Roland is getting ready to start a greenhouse on his place, near Duquesne Farm.

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33 Union Stock Yards

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Get our Greenhouse Catalogue too.

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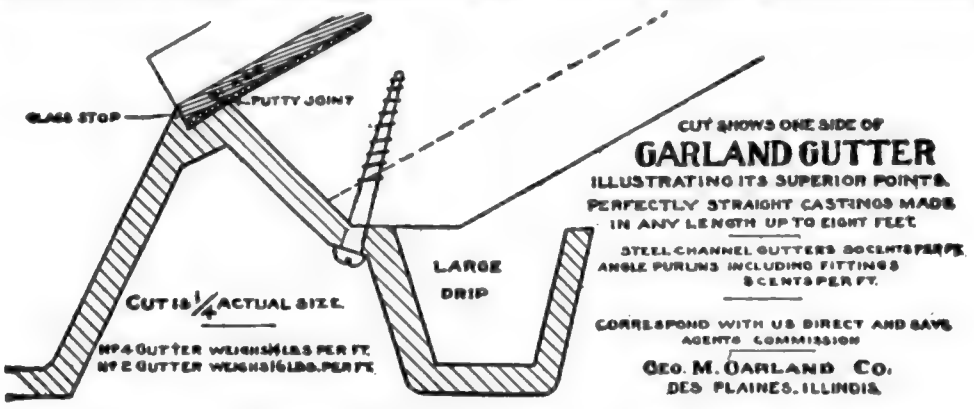
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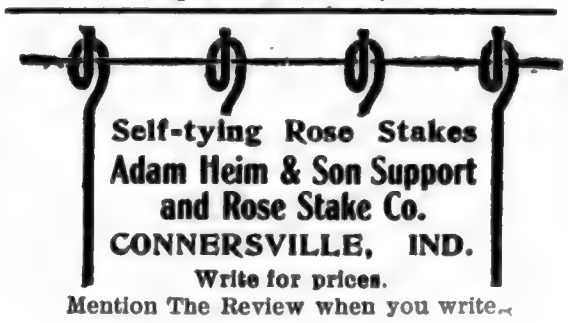
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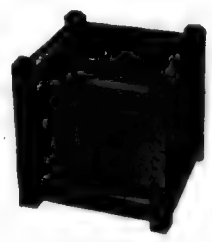
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is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by Monday or Tuesday at latest, instead of Wednesday morning, as many have done in the past.

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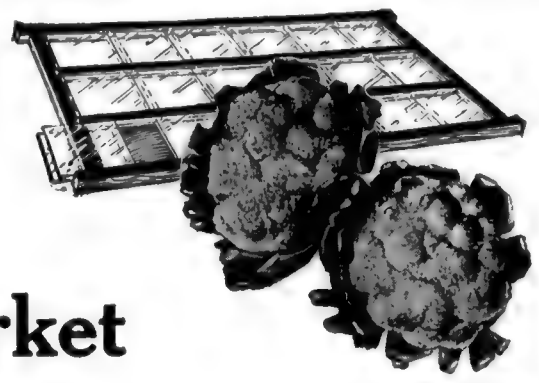
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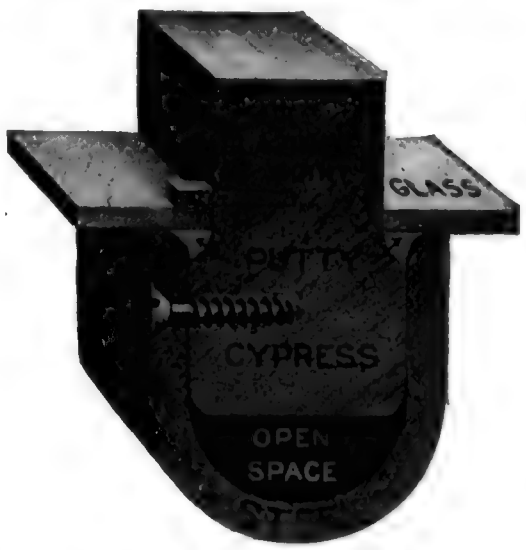
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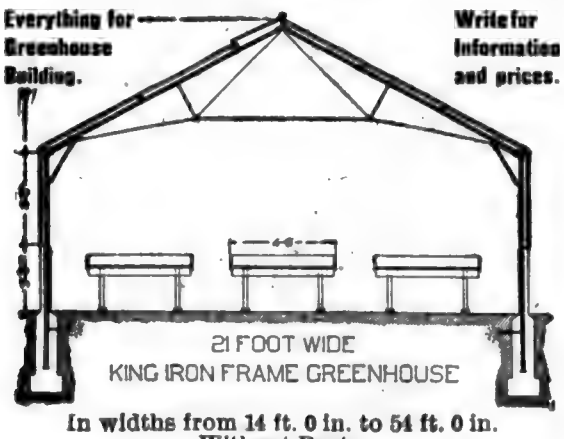
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THE WEEKLY

FLORISTS' REVIEW

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FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, DECEMBER 16, 1909. No. 629.

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Maids	6.00 to 8.00
Maids, fancy	10.00 to 15.00
Richmond	8.00 to 10.00
Richmond, fancy	15.00 to 25.00
Golden Gate	6.00 to 8.00
Golden Gate, fancy	10.00 to 15.00
White Killarney	8.00 to 10.00
White Killarney, fancy	15.00 to 25.00
My Maryland	8.00 to 10.00
My Maryland, fancy	15.00 to 25.00
Killarney	8.00 to 10.00
Killarney, fancy	15.00 to 25.00
Roses, our selection	6.00
Carnations, common, splits	3.00
Carnations, select	4.00 to 5.00
Carnations, fancy	6.00
Carnations, red	8.00 to 10.00
Violets, single and double	1.50 to 2.00

	Per 100
Valley	$4.00 to $5.00
Poinsettias, doz.,	$2.00 to $4.00
Callas, doz.,	2.00
Harrisii, doz.,	2.00 to 2.50
Paper Whites, Romans	3.00 to 4.00
Mignonette	3.00 to 6.00
Marguerites	1.00 to 1.50
Stevia	1.50
Leucothoe, per 1000,	$6.00 .75
Adiantum	1.00
Smilax, per doz.,	$1.50 to $2.00
Asparagus Sprays	2.00 to 4.00
Sprengeri	2.00 to 3.00
Sprengeri, long	4.00 to 6.00
Galax, green, per 1000,	$1.00 .15
Galax, bronze, per 1000,	1.00 .15
Boxwood, per bunch,	.35
Ferns, per 1000,	2.00 .25
Wild Smilax, large cases only,	5.00
Galax, cases of 10,000,	7.00
Boxwood, case lots,	**7.00**

These prices are our best judgment of Christmas values, but all stock will be billed at market rates day of shipment.

Remember—When You Are Stuck, KENNICOTT Will Help You Out.

FOR THE CHRISTMAS HOLIDAYS

Choice Selected North Carolina Holly

Extra fine Mistletoe. Evergreen Wreaths of every description. Laurel and Pine Festooning. We are offering an exceptionally

Fine Lot of Flowering Plants

this year. Write for quotations. Place your orders with us now for supply of

AMERICAN BEAUTIES
VALLEY ORCHIDS GARDENIAS ROSES
CARNATIONS VIOLETS
and other goods for Xmas trade

Welch Bros., 226 Devonshire St., **Boston, Mass.**

Three Phones: 6267, 6268 and 5419 Main

A Merry Xmas to All

Don't fail to see our grand display of Blooming Plants for the Holidays

Select them now

and avoid disappointment

Telephone Nos.
3860, 3861
Mad. Sq.

August Millang

Roses, Carnations, Violets, Orchids

Every variety of Cut Flowers. No wholesale store on 28th St. more convenient or with better facilities for prompt and careful attention to your interests.

Remember the address, **41 West 28th St., NEW YORK CITY**

Established 1878 **Oldest House in West** **Incorporated 1906**

In all the 31 years we have been supplying the Holiday demand for Cut Flowers, we never have seen a better prospect for business for

Christmas

Never a better demand—never better stock or larger quantity.

The Trade may order liberally, with the confidence that a banner retail business will be done, and with the assurance that **HUNT CAN SUPPLY ALL NEEDS.** Our stock is evenly balanced—we have a full line, everything the market affords—but we advise ordering heaviest on **Carnations,** as the supply of these will be specially large and of good quality this Christmas. **Send along your order at once** and wire additions as you find the business going ahead of your expectations.

Christmas Price List

American Beauties	Per Doz.
Long, 36 in. and up	$12.00
30-in. stems	$8.00 to 10.00
24-in. stems	6.00 to 8.00
18 to 20-in. stems	4.00 to 6.00
12 to 15-in. stems	2.00 to 3.00
Short stems	1.00

	Per 100
Brides	$10.00 to $12.00
" Special	15.00
Maids	10.00 to 12.00
" Special	15.00
Richmond	8.00 to 25.00
Killarney, White and Pink	8.00 to 25.00
Maryland	8.00 to 25.00
Perles	6.00 to 12.00
Roses, our selection	6.00
Carnations, Medium	5.00
" Fancy	6.00 to 8.00
" Red	10.00

MISCELLANEOUS

Poinsettias, doz., $2 to $4	
Harrisii Lilies	15.00
Calla Lilies	15.00

MISCELLANEOUS	Per 100
Narcissus P. W	$3.00 to $4.00
Valley (superior)	4.00
Mignonette	4.00 to 8.00
Stevia	1.50 to 2.00
Sweet Peas	1.00 to 1.50
Violets, single	1.50 to 2.00
" double	1.50 to 2.00
Adiantum	1.00
Asparagus Strings..each	.50 to .60
" Bunches.. "	.35 to .50
Sprengeri " "	.35 to .50
Smilax Strings.....doz.	1.50 to 2.00
Galax, Green and Bronze per 1000	1.00
Leucothoe Sprays	.75
Boxwood.....per lb.	.25
Ferns.....per 1000	2.00
Winterberries..per case	3.00
Wild Smilax, parlor case, 25 lbs...	2.50
" " medium " 35 lbs...	3.50
" " large " 50 lbs...	4.50

Prices subject to change without notice.

E. H. HUNT

76-78 Wabash Ave., CHICAGO

L. D. Phone, 1751

For Christmas

American Beauties

ALL GRADES

Carnations Enchantress, White Lawson, Pink Lawson, White Perfection, Sarah Hill, Queen Louise, Winsor, Craig and Beacon.

Roses Maid, Bride, Killarney, Richmond, Perle, Detroit and Chatenay.

ALSO FANCY STOCK in Violets, Paper Whites, Romans, Sweet Peas, Valley, Lilies, Poinsettias and all Green Stock.

Place Your Orders Early. Supply Limited

J. B. MURDOCH & CO.

714 Penn Ave., PITTSBURG, PA.

Hoerber Bros.

Wholesale Growers of Cut Flowers

Store: 51 Wabash Ave., Long Distance Phone Randolph 2758 **CHICAGO**

GREENHOUSES, DES PLAINES, ILL.

CHRISTMAS PRICE LIST

AMERICAN BEAUTY	Per doz.
Long stems	$12.00
36-inch stems	10.00
30-inch stems	9.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	4.00
15-inch stems	3.00
12-inch stems	2.00
Short	$1.00 to 1.50

	Per 100
Killarney, extra fancy	$20.00 to $25.00
Fancy	15.00
Good stock	8.00 to 12.00
Richmond, extra fancy	20.00 to 25.00
Fancy	15.00
Good stock	8.00 to 12.00
Bride and Maid, fancy	$12.00 to $15.00
Good stock	8.00 to 10.00
White Killarney, fancy	20.00
Good stock	8.00 to 15.00
Uncle John, fancy	12.00 to 15.00
Good stock	6.00 to 10.00
Perle	8.00 to 12.00
Roses, our selection	5.00
CARNATIONS, good stock	4.00 to 5.00
Fancy	6.00 to 8.00
VIOLETS, double or single	1.50 to 2.00
Valley	3.00 to 5.00
Easter Lilies, per doz., $2.00	
Poinsettias, per doz., $2.00- 4.00	
Paper Whites, Romans	3.00 to 4.00
Stevia	1.50 to 2.00

GREEN GOODS	
Asparagus Plumosus, per string	$0.50 to $ 0.75
Asparagus Plumosus, per bunch	.35 to .75
Asparagus Sprengeri, per 100,	3.00 to 5.00
Adiantum, "	1.00 to 1.50
Smilax, per doz., $2.00; per 100,	15.00
Ferns, per 1000, 2.00; per 100,	.25
Galax, bronze or green, per 1000, $1.00; per 100	.15
Leucothoe, per 100,	.75
Mexican Ivy, per 1000, $9.00; per 100	1.00
BOXWOOD, per bunch, 25c; per case of 50 lbs.	$7.50

Subject to Market Changes.

We can supply every flower the market affords, but

Our Specialties are Roses and Carnations

Now booking orders for Christmas

Never so well fixed as now to take care of Holiday business—supply much larger than ever before and quality right up to top notch—no better stock anywhere. Specially strong on....

Beauties, Roses, Carnations, Violets

Send a good order now (you'll need more than last year) and mail or wire additions as needed.

Christmas Price List

	Per doz.
BEAUTIES	
36-inch stems	$12.00
30-inch stems	10.00
24-inch stems	9.00
20-inch stems	8.00
15-inch stems	6.00
12-inch stems	$3.00 to 4.00
8-inch stems	1.50 to 2.00
	Per 100
Killarney, fancy	$20.00 to $25.00
" medium	12.00 to 15.00
" short	6.00 to 10.00
Brides, fancy	12.00 to 15.00
" good	6.00 to 10.00
Maids, fancy	12.00 to 15.00
" good	6.00 to 10.00
Richmond, fancy	20.00 to 25.00
" good	10.00 to 18.00
Golden Gate, fancy	12.00 to 15.00
" " good	6.00 to 10.00
My Maryland, fancy	20.00 to 25.00
" good	6.00 to 15.00
White Killarney, fancy	20.00 to 25.00
" " good	6.00 to 15.00
Roses, our selection	6.00

	Per 100
Carnations, select	$4.00 to $ 5.00
" fancy	6.00 to 8.00
" red	10.00
Violets, double	1.50 to 2.00
" single	1.50 to 2.00
Valley	4.00 to 5.00
Callas	doz., $2.00
Harrisii	doz., 2.00
Poinsettias	doz., $2.00 to 4.00
Paper Whites, Romans	3.00 to 4.00
Mignonette	8.00
Stevia	1.50 to 2.00
Leucothoe	.75
Adiantum	1.00 to 1.50
Smilax	doz., $2.00
Asparagus strings	each, .50
" sprays	bunch, 35c to 1.00
Sprengeri	bunch, .35
Galax	per 1000, 1.25 .15
Ferns	per 1000, 2.00 .25
Red Berries	$1.50, $2.50 and $3.00 per case
Boxwood	$7.50 per 50-lb. case
Wild Smilax	$5.00 per large case
Mistletoe	25c per lb.

——SUBJECT TO CHANGE WITHOUT NOTICE.——

VAUGHAN & SPERRY

Wholesale Florists, 52-54 Wabash Ave., CHICAGO

THE RIBBON HOUSE

SCHLOSS BROS.

542-544 BROADWAY, NEW YORK

Headquarters for **Florists' Ribbons**
Chiffons and Novelties

THE GROWERS' CUT FLOWER COMPANY

has every reason for "A Merry Christmas and A Happy New Year," and it is with the consciousness of **strength, remarkable progress,** and constant **addition** to its **stable foundations** that we **reciprocate,** and heartily wish all our friends and customers

THE COMPLIMENTS of THE SEASON

Just **remember the address, 39 W. 28th St., New York,** and the Telephone No. 6237 Madison Square, "that's all." **We will do the rest. Tell us in time** and we will **take care** of you for **Christmas,** and not only **Christmas,** but **every day** in the year.

No Finer Roses, Carnations, Violets and Chrysanthemums

Reach the New York Market.

We thank you for your confidence in the past. **You** have made us **successful.** Your continued patronage is the evidence of your faith in us. We intend to deserve it even more in 1910.

Sincerely yours,

J. J. COAN, Manager.

Christmas Greetings

NATIONAL REPUTATION

For the HIGHEST GRADE of

Maids, Brides

Beauties

AND

Richmonds

FROM

MOORE, HENTZ & NASH,
WHOLESALE COMMISSION FLORISTS
GROWER AGENT.
ADJOINING
New York Cut Flower Co's SALESROOM.
55 West 26th St., New York.

ONLY

NEW YORK HEADQUARTERS

for the beautiful

RED BERRY SPRAYS

FROM MICHIGAN

$2.00, $4.00 and $6.00 a case

SEND YOUR ORDERS AT ONCE
☞NOT LATER THAN DEC. 20
Prompt Shipment Guaranteed

Growers of High Grade Roses and Carnations

A-1 STOCK of EVERY VARIETY, from upwards of 70 of the best growers in this country, and room for more.

☞**Not yet taxed to our utmost capacity.**

Advice of sales daily; check weekly.

IMPORTANT! To our New York Patrons: Do not fail to book your Christmas orders early.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

Christmas Cut Flowers Christmas

We Are Ready to Book Your Orders for Christmas

Don't wait until the last days. You will need as much or more than last year. Get your Cut Flower order placed, and off your mind. We will take care of your orders and see that they are properly executed on time.

Don't forget to include Stevia, Valley, Narcissus, Mignonette, Lilies, and Green Goods, all essential for Christmas boxes.

Our Medium and Short Roses are good value, and good quality.

In effect December 19, 1909 **CHRISTMAS PRICE LIST** Subject to change without notice

AMERICAN BEAUTIES	Per doz.
36-inch	$12.00
30-inch	9.00
24-inch	8.00
20-inch	6.00
18-inch	5.00
15-inch	4.00
12-inch	3.00
Short stem	$1.00, $1.50, 2.00

Roses		Per 100
CARDINAL, extra long	$5.00 to	6.00
Long		4.00
Medium		3.00
Short		2.00
		Per 100
MAID and BRIDE, select		$15.00
Long		12.00
Medium	$ 8.00 to	10.00
RICHMOND, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00
KILLARNEY, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00
MY MARYLAND, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00
WHITE KILLARNEY, extra select		25.00
Select	18.00 to	20.00
Medium	12.00 to	15.00
Good short	8.00 to	10.00

Roses	Per 100
PERLE, select, long	$12.00 to $15.00
Medium	8.00 to 10.00
GOOD SHORT STEM ROSES	
Our selection	6.00

Our Extra special grade of Beauties and Roses charged accordingly.

	Per 100
CARNATIONS, extra fancy	$ 8.00
" irst quality	6.00
" splits	4.00
ORCHIDS, Cattleyas	per doz., $12.00
POINSETTIAS	per doz., $3.00 to 5.00
HARRISII	15.00
NARCISSUS PAPER WHITE	$3.00 to 4.00
ROMANS	3.00 to 4.00
VALLEY	4.00 to 5.00
VIOLETS	1.50 to 2.50
MIGNONETTE, large spikes	6.00 to 8.00
STEVIA	1.50 to 2.00
ADIANTUM	1.00 to 1.50
ADIANTUM CROWEANUM, fancy	2.00
SMILAX	per doz., $2.00
SPRENGERI, PLUMOSUS SPRAYS	3.00 to 4.00
PLUMOSUS STRINGS	each, 60c
FERNS	per 1000, $2.00
GALAX	" 1.00
LEUCOTHOE	.75
CHRYSANTHEMUM MERRY XMAS per doz	$2.00 to $3.00
BOXWOOD	35c bunch; case, 50 lbs., 7.50
RED WINTER BERRIES	per case, 3.00

E. F. WINTERSON CO.

Christmas Cut Flower Price List

Subject to change without notice.

AMERICAN BEAUTY	Per doz.
Stems 30 to 36 inches	$10.00 to $12.00
Stems 20 to 24 inches	6.00 to 8.00
Stems 12 to 15 inches	3.00 to 5.00
Seconds	1.50 to 2.00
	Per 100
Bridesmaids, select	$12.00 to $15.00
" seconds	6.00 to 8.00
Bride, select	12.00 to 15.00
" seconds	6.00 to 8.00
Maryland, special	25.00
" select	12.00 to 15.00
" seconds	6.00 to 8.00
Killarney, special	25.00
" select	15.00 to 20.00
" seconds	8.00 to 12.00
Richmond, special	25.00
" select	15.00 to 20.00
" seconds	8.00 to 12.00
ROSES, our selection	$6.00 per 100
CARNATIONS	Per 100
Common	$4.00 to $5.00
Select, large and fancies	6.00 to 8.00
MISCELLANEOUS STOCK	
Poinsettias...per doz...$2.00 to $4.00	
Poinsettias, special fancy, per doz., $5.00	
Violets, New York double	1.50 to 2.00
" single	1.50 to 2.00
Valley, select	3.00 to 4.00
Callas...per doz., $2.00	
Harrisii " 2.00	
Mignonette...per doz., 60c to 1.00	
Stevia	1.50 to 2.00
Sweet Peas	1.50 to 2.00
Romans	3.00 to 4.00
Paper Whites	3.00 to 4.00
GREEN	
Asparagus Plumosus...per string	.50
" " per bunch	.35 to .75
" Sprengeri...per 100	3.00 to 6.00
Adiantum "	1.00 to 1.50
Smilax...per doz.	1.50 to 2.00
Ferns...per 1000, $2.00; per 100	.25
Lencothoe sprays "	.75
Galax, green and bronze...per 1000	1.00
" " " " case, 10,000	9.00
Boxwood...per bunch, 35c; per case	7.50

45-47-49 Wabash Avenue, Chicago

Established 1894 Long Distance Phone, Central 6004

Wholesale Cut Flowers and Florists' Supplies

We will have a large supply of all Cut Flowers for

Christmas

We have a large supply of Boxwood and Smilax.

SPECIAL—We will have a very fine lot of **Cut Poinsettias,** especially grown for us for our Christmas trade, by one of the best growers in this country.

Last Call on Christmas Decorative Materials

Send us your orders and insure having them filled **to your satisfaction** and shipped when you say the word.

We have a large supply. No order too large or too small.

Specials This Year, Exclusive With Us

Dewdrop Brand Mistletoe (The Qualification Kind) and **Baby Christmas Trees.** For description see our adv. elsewhere in **this paper.**

When you are not sure where to send your **Hurry-up Orders** remember this class of orders is a specialty at **WINTERSON'S.**

We have the goods, and facilities **to make good.**

Our Xmas List Mailed Free

CHRISTMAS GREETINGS FROM

CHARLES MILLANG

Wholesale Florist Ground Floor of the Coogan Bldg., Telephone 7062 Madison **55-57 W. 26th St., NEW YORK**

Our Silver Jubilee. 25 Years in the Florist Business.

Enterprising,
Aggressive,
Unbeatable,
Steadfast,
Sure.

A good friend to tie to.

A record to be proud of.



..Headquarters For..

Violets, Roses and Carnations

The most convenient center for our customers in the big city.

6 a. m. to 6 p. m. every day in the year.

Shipments to any part of the country, and remember we are

Headquarters For Violets

And handle the finest and largest stock coming to the Metropolis, and don't forget this is our Silver Jubilee

Pittsburgh Cut Flower Co.

Wholesale Florists and Growers

222 Oliver Avenue **Pittsburgh, Pa.**



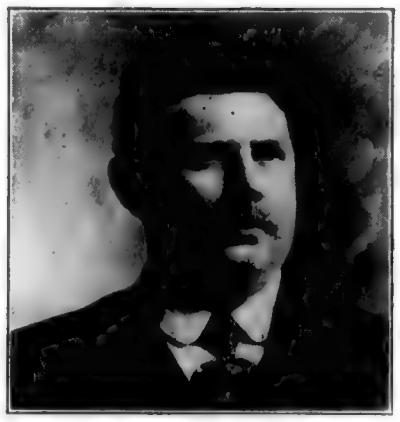
This Company is an outgrowth of modern business methods, and possesses all the qualities necessary to satisfactorily serve its customers. It has earned a reputation second to none in the production of

Roses, Carnations

and other Specialties of Cut Flowers. We represent over 2,000,000 square feet of glass.

Specialties

American Beauties	Orchids
Roses	Violets
Carnations	Valley
Lilies	Decorative Greens Christmas

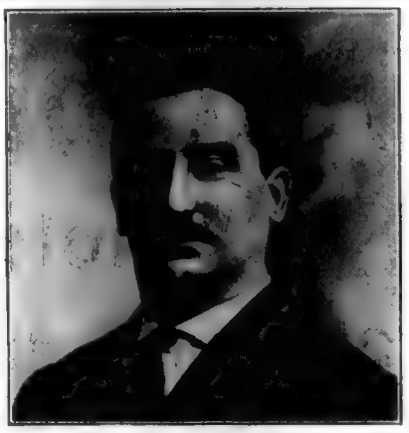


C. Bonnet.

Bonnet & Blake

The Wholesale Florists of Brooklyn

130 Livingston St., Telephones, 1293, 1294 Main



G. H. Blake.

One of the handsomest and most complete Wholesale Florists' Establishments in New York.

On our staff no better growers of Cut Flowers in America.

THE old year has shown steady progress. The aggregate of sales was far ahead of 1908. We look forward to 1910 as a banner year and we will do our share to enable you to join in the general prosperity. Come early and book your orders for the Holidays.

SUPERB ROSES

All the standard varieties of

Carnations, Violets, Valley, Orchids

HEADQUARTERS FOR SWEET PEAS

We wish you all A Merry Christmas and A Happy New Year. **Shipments made promptly to any part of the U. S.**

Christmas Greetings from

Ford Bros.

We claim to be **the largest receivers and shippers of Cut Flowers in this Country.** You can rely upon a complete and superb assortment of **everything in season and the best in the market.**

Roses, Carnations The Finest Fancy Varieties, **Violets, Valley, Sweet Peas**

American Beauties, Unrivaled and Unlimited

48 West 28th Street, Telephone Nos. 3870-3871 Madison Sq. **NEW YORK**

WALTER F. SHERIDAN

Wholesale Florist

39 West 28th Street, Tel. { 3532 / 3533 } Madison Square **NEW YORK CITY**

All the Leading Varieties of

Roses, Carnations and Violets of exceptional quality, and anything you may require in the **Cut Flower Line.**

Stock for Shipping Carefully Selected and Packed. **Price List on Application.**



JOHN KESSLER

Kessler Bros.

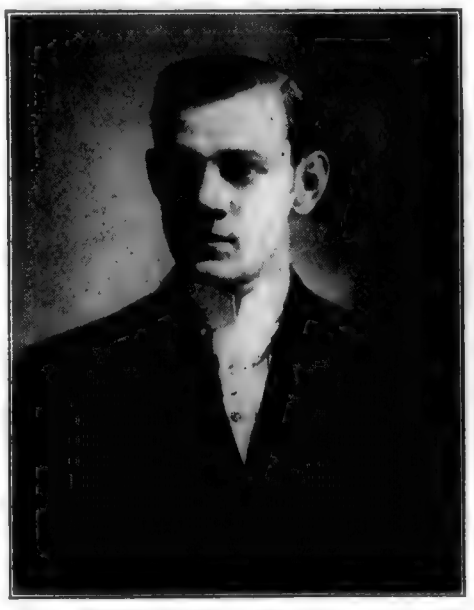
Wholesale Plantsmen and Florists

50 West 28th Street **New York City**

Telephone us 2336 Madison

The Largest and Best Wholesale Plant Store in the City

After a year of phenomenal growth and success, we have good reason to wish our many friends and patrons



WILLIAM KESSLER

A Merry Christmas

We have two entire floors stocked with the

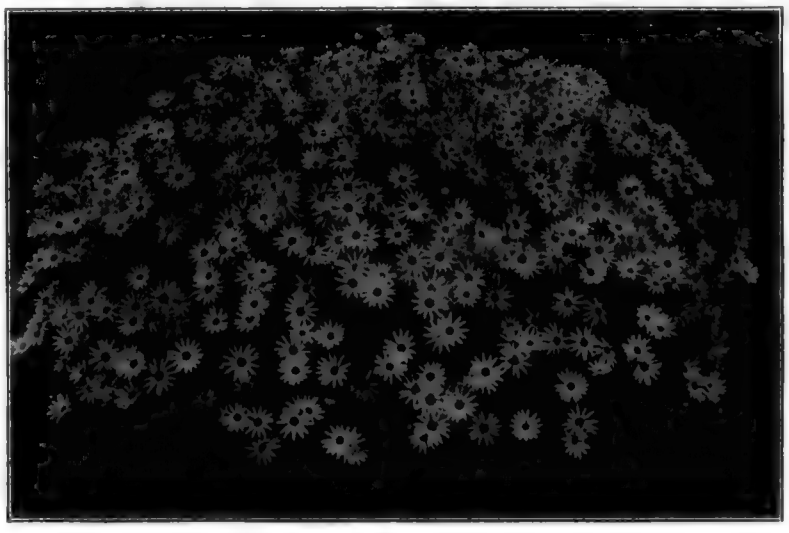
Greatest Display

of

Blooming Christmas Plants

ever seen in New York.

"Be merry all, be merry all,
With holly dress the festive hall,
Prepare the song, the feast, the ball,
To welcome Merry Christmas."



GROWN BY KESSLER BROS.

We Ship all Over the Country

and have well pleased customers as far west as Milwaukee and as far south as Atlanta, Ga.

We pack carefully and forward promptly.

The Leading Plant Growers

of the country are our sources of supply, and

Our Own Greenhouses are Stocked With a Magnificent Stock of Palms and Ferns

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE

CUT FLOWERS

IMMEDIATE DELIVERIES

59 WABASH AVE.
CHICAGO

PHONE CENTRAL 879

WIETOR BROS.

51 Wabash Ave., CHICAGO

.....Christmas Price List.....

	Per doz.
AMERICAN BEAUTY—	
Extra long stems	$12.00
36-inch stems	10.00
30-inch stems	9.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	4.00
15-inch stems	3.00
12-inch stems	2.00
8-inch stems	1.50

	Per 100
Bride, fancy	$15.00
" good	$ 8.00 to 12.00
Bridesmaid, fancy	15.00
" good	8.00 to 12.00
Killarney, extra fancy	20.00 to 25.00
" fancy	15.00
" good	8.00 to 12.00
White Killarney, fancy	20.00
" " good	8.00 to 15.00
Mrs. Jardine, extra fancy	$20.00 to $25.00
" fancy	15.00
" good	8.00 to 12.00
Richmond, extra fancy	20.00 to 25.00
" fancy	15.00
" good	8.00 to 12.00
Uncle John, fancy	15.00
" good	8.00 to 12.00
Perle	10.00 to 15.00
ROSES, Our Selection	6.00
CARNATIONS, fancy red	8.00
" extra fancy Enchantress	7.00
" extra fancy white	6.00
" good	4.00 to 5.00
VALLEY	4.00 to 5.00
ADIANTUM	1.00
SPRENGERI, per bunch,	$0.50 to $0.75
FERNS, per 1000,	2.00
GALAX, "	1.00 to 1.50

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice

Mention The Review when you write.



125,000 square feet of glass

We grow a general line of Cut Flowers and Plants for the Wholesale Trade.
If your name is not on our mailing list, let us know.

The Pikes Peak Floral Co. :: Colorado Springs, Colo.

Always mention the Review when writing to Advertisers

Christmas Price List

			Doz.
Beauties			
Extra long			$12.00
36-inch stem			10.00
30-inch stem			9.00
24-inch stem			8.00
20-inch stem			6.00
18-inch stem			5.00
15-inch stem			4.00
12-inch stem			3.00
Short stem			2.00
			Per 100
Richmond, Killarney, Chatenay, Field, My Maryland	Special		$25.00
	Select	$15.00 to	20.00
	Medium	10.00 to	12.00
	Short	6.00 to	8.00
Uncle John, Bride, Maid, Ivory, Sunrise, Gate	Select	12.00 to	15.00
	Medium	6.00 to	10.00
Perle		6.00 to	10.00
Roses, Our Selection			**5.00**
Carnations—			
White and pink			6.00
Fancy white and pink			8.00
Red			10.00
Harrisii			15.00
Valley		4.00 to	5.00
Violets			2.00
Adiantum		1.00 to	1.50
Asparagus	per bunch, $0.50 to $0.75		
Ferns	per 1000, 2.00		

PETER REINBERG
35 Randolph Street, CHICAGO

Beauties
Violets
Roses

For Xmas

Carnations
Poinsettias
Paper Whites

Our Christmas Supply will be Large and Fine

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns. Valley every day in the year. Our stock and service, once tried, will cause you to become a regular customer ∴ ∴ ∴

HOLTON & HUNKEL CO.
462 Milwaukee Street, MILWAUKEE, WIS.
The best-equipped Wholesale House in the West

CHRISTMAS FLOWERS

Buy direct of the grower and get fresh stock

We call the attention of the trade to our Extra Fancy Red Carnation O. P. Bassett. It is better than any short or medium stem Beauty at this time of the year. The Bassett, with its large flower, long stiff stem and brilliant red color, is a grand novelty for Christmas.

PRICE LIST In effect Dec. 20.

American Beauties	Per doz.
36 inch and over	$12.00
30 " " "	10.00
24 " " "	8 00
20 " " "	6.00
15 to 18 inch	$4.00 to 5.00
8 to 12 inch	2.00 to 3.00

Richmond, Killarney and White Killarney	Per 100
Extra select	$25.00
Good lengths	$15.00 to 20.00
Medium lengths	12.00
Good short lengths	8.00 to 10.00

Maids, Brides and Perles	
Long and select	15.00
Medium	10.00 to 12.00
Good short	8.00

Carnations	Per 100
Extra fancy Red Bassett	$12.00 to $15.00
Extra fancy White Enchantress	8.00
Fancy Enchantress and Winsor	6.00

MISCELLANEOUS

Easter Lilies ....per doz. $2.00	12.00 to 15.00
Lily of the Valley	3.00 to 4.00
Asparagus, per string $0.60	
" Sprays	2.00 to 3.00
Sprengeri	2.00 to 3.00
Ferns, per 1000 ....$2.00	
Smilax, per doz 2.00	
Adiantum	1.00
Galax, Green, per 1000 ....$1.00	
" Bronze, " 1.00	

Good Short Stem Roses, our selection, **$6.00 per 100**

Please book your orders early

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

A Merry Xmas to All

After a Year of Unequaled Prosperity and Progress.

Everything in Cut Flowers For the Holidays, and for every day, of the choicest of every kind and from the best growers.

The Greater New York Florists' Association, Inc.

We number amongst our shippers many men of national reputation.

Roses, Carnations, Violets, Valley, Orchids, Etc.

No Better Market in the World Than BROOKLYN.

GEORGE W. CRAWBUCK, Manager

☞ Any number of first-class growers can be accommodated here. ☜

Merry Christmas

BEAUTIES, KILLARNEY
RICHMONDS, BRIDES
MAIDS, JOHNS
JARDINE
MARYLAND, FIELD, PERLE
IN GOOD SUPPLY
AND SPLENDID
QUALITY

J. A. BUDLONG

Reliable Grower and Shipper of Cut Flowers

Price List on Application.

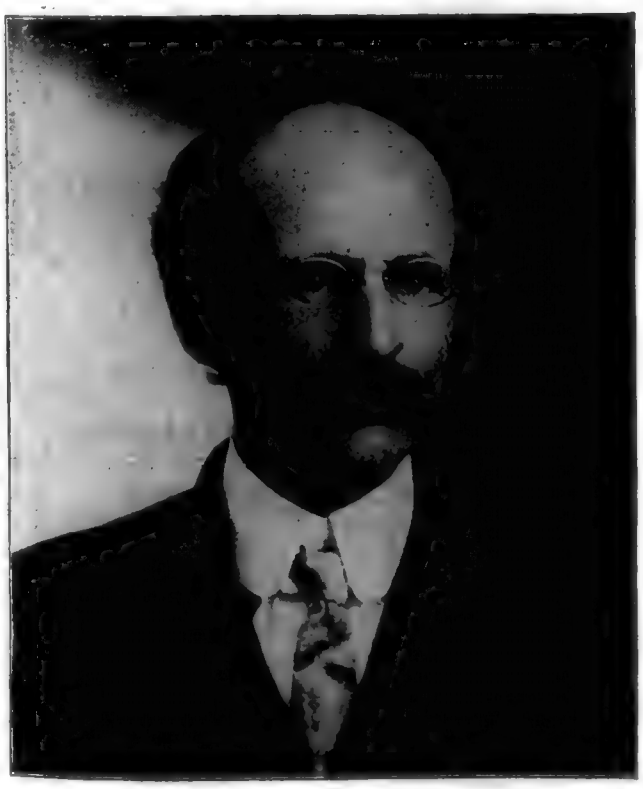
37-39 Randolph Street, CHICAGO

ALSO
CARNATIONS
of all the BEST
SORTS, VIOLETS
POINSETTIAS, STEVIA
VALLEY
and all other
stock at lowest
market prices. Send
us your orders. We please
others. We can please you.

Happy New Year

Special Christmas Offer

Southern Decorative EVERGREENS



CALDWELL THE WOODSMAN
The man who gave you the Wild Smilax

CURRENT PRICES
SOUTHERN WILD SMILAX

Packed in six different sizes.

No. 1, weight 15 lbs., covers 100 sq. ft. wall space	$1.00
No. 2, weight 20 lbs., covers 200 sq. ft. wall space	1.50
No. 3, weight 25 lbs., covers 300 sq. ft. wall space	1.75
No. 4, weight 35 lbs., covers 400 sq. ft. wall space	2.00
No. 5, weight 40 lbs., covers 500 sq. ft. wall space	2.25
No. 6, weight 50 lbs., covers 600 sq. ft. wall space	2.50

We Offer

1 case No. 6 Southern Smilax.
1 case No. 6 Magnolia Foliage.
1 doz. Chamaerops Palm Crowns, assorted sizes.
25 Long Needle Pines, assorted sizes, extra selected.
50 Cut Sabal Palm Leaves.
50 Cut Chamaerops Palm Leaves.

For $10.00
Cash with order.
Half the above list will be sent for $6.00.

Magnolia Foliage

Beautiful evergreen, fine for making wreaths that sell well at Xmas, and for decorating. Packed in same size cases as Wild Smilax, containing from 100 to 600 sprays. Same price per case.

Long Needle Pines

Splendid selling for church and house decorations at Christmas season. Stand lots of handling; will not wilt, fade or shop wear easily; selected stock; ends of stems covered with tinfoil. Price per doz., assorted sizes, 3 to 5 feet, $1.50; per 100, $8.00; per 1000, $75.00.

Chamaerops Palm Crowns

Invaluable for all kinds of decorations and always in demand. Our stock is extra fine, and we can supply mammoth specimens up to 10 feet high. Price per doz., assorted sizes, 3 to 6 feet, $3.00; weight per doz., packed, 40 lbs. Extra large specimens, 7 to 10 feet, 50c to $1.00 each.

Chamaerops Palm Leaves

We are cutting extra large long-stemmed leaves, the finest we have had in years. Price, $2.50 per 100.

Sabal Palm Leaves

Ranging in size from 24 to 48 inches in width, stems 2 to 3 feet long, $2.50 per 100. Weight, 40 lbs.

Mistletoe

Mistletoe is in greater demand every year. Ours is the finest on the market.

Caldwell's Druid Brand. Quality, not quantity. Price, 5 lbs., $2.00; 10 lbs., $3.00; 25 lbs., $7.00.

Holly Holly Holly

Same size cases as Wild Smilax.
Same prices.

Sheet Moss, $1.00 per bale of 100 square ft.
Gray Moss, $3.00 per sack of 25 lbs.

Caldwell The Woodsman Co.

EVERGREEN, ALA. (Incorporated)

Send for my catalogue "The Story of the Southern Evergreens," an entrancing tale that will hold your attention from cover to cover.

ALEX. McCONNELL

571 Fifth Avenue, New York City
Woodside Nurseries, New Rochelle

Holiday Flower Deliveries

To Homes, Theaters and Steamers

Importer of

Exotic Plants

and Choice Nursery Stock

Careful and prompt attention given all orders for Christmas in France, Germany and Great Britain

OUR 60th YEAR

1849 **CHRISTMAS** 1909

Holly

Mistletoe

Princess Pine and Laurel Roping

Pine and Holly Wreaths

An unusual display of Flowering and Decorative Plants for the Holidays will be on sale this week, commencing December 20.

Azaleas	Heather
Begonias	Poinsettias
Dracaenas	Ardisias
Primroses	Cyclamen
Araucarias	Orange Plants
Boston Ferns	Palms

Out-of-town orders for delivery to your friends in New York carefully and promptly filled at reasonable prices

The Choicest of Fresh Cut Flowers for Christmas Delivery

Fancy Baskets of Growing Plants, Trimmed or Untrimmed

DAVID CLARKE'S SONS

2139, 2141 Broadway, Cor. 75th Street, NEW YORK

Telephones, 1552 and 1553 Columbus

DO IT NOW A Visit to...

Traendly & Schenck

Wholesale Florists Phones 798-799 Madison Sq. **44 W. 28th St., New York City**

WILL CONVINCE

any experienced flower buyer that ours is the house to get the best and choicest to be had for the HOLIDAYS or ANY OTHER TIME.

We will have an extra heavy cutting of the finest Cattleya Trianae, together with a fine supply of American Beauties, Maids and Brides.

Our shipments of My Maryland, Chatenay, Richmond, Killarney and Enchanter are the finest in the New York Market.

AS USUAL

We will have the finest quality and best varieties of CARNATIONS, and plenty of them.

Lilies, Valley, Violets, Poinsettias

TRAENDLY & SCHENCK, WHOLESALE FLORISTS

44 W. 28th St., Phones 798-799 Madison Square Price List on Application. **New York City**

We look out on a holiday season of unequaled prosperity, and greater accomplishments in floriculture than the world has ever seen. Never before has the love and use of flowers been so universal as now. No gift so touches the heart of your loved ones as a beautiful plant or bouquet of Beauties, Orchids, Violets or Carnations. We have everything the best that experts can grow. We have the artists in selection and arrangement, and we never disappoint a customer.

M. A. Bowe

In the Heart of the City

My Motto: "THE GOLDEN RULE"

1294 Broadway, Between 33d and 34th Streets, **NEW YORK CITY**

TELEPHONE 2270 38th ST.

Send your orders early for your Christmas deliveries to the Steamers, Theaters and homes of your friends in New York City.

A Merry Christmas to All.

U KNOW US! LET'S KNOW U!

KATALOG

Did it ever occur to you that M. Rice & Co.,
The Leading Florists' Supply House and Ribbon Specialists,
Are the up-to-the-minute house? Our New Illustrated Katalog
Is another proof of our advancement—For the betterment of the trade.
Send for the Finest Katalog Ever Issued.

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The Leading Florists' Supply House
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M. RICE & CO.
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water rolls from its surface.

Sprinkleproof Chiffon will solve your chiffon troubles. This practical and beautiful material is a **florists'** chiffon, originated by us to overcome the objections to old style chiffon.

No more trouble with wet, sticky, wilted chiffon, for users of this **wonderfully** practical material.

A trial will make you an enthusiast.

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Specially large and fine stock of natural preserved WREATHS, MOSS WREATHS and METALLIC DESIGNS.

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OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WheatSheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

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Violet Ties, Brass and Silver
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A Full Line of Florists' Supplies
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Dec. 16, Fill in your name and mail us this blank.

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

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This Season's Two Big Novelties

Pekin Striped Netting The kind that will not crumple
Changeable Gauze Corsage Ribbon
Samples sent upon request.

Lion & Company

Manufacturers of the Colonial Brand of
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114-116 Spring St., New York

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

CHRISTMAS

SEASONABLE MATERIALS.

The Holiday Touch on Everything.

Casting about for material with which to brighten almost every basket, box or package which leaves the shop at Christmas time, we find nearly everywhere red immortelles, holly, poinsettias, natural and artificial, and plenty of scarlet ribbon and chiffon. Besides these, there are reds and crimsons of many shades, all kings in their own realms, but suspicious of each other. Among these reds are the red magnolia and beech leaves, coleus foliage, crimson cyclamen, red Chinese primulas and the coral hue of the Begonia Gloire de Lorraine. Of these different reds the most called for are scarlets, which combine best with lycopodium and laurel wreathing, pine or cedar greens and trees, and fancy potted evergreens.

Just how to impart the Christmas touch to each of many things, is the question. By this statement we do not mean that all the plants must be decorated gaudily, but somewhere in the covering of the pot, in the wrapping or addressing of the package, let there be a suggestion of something Christmas-like. Decorations on a plant itself should be few and modest, for the plant is the main thing and not the decoration. The decoration exists for the plant, not the plant for the decoration.

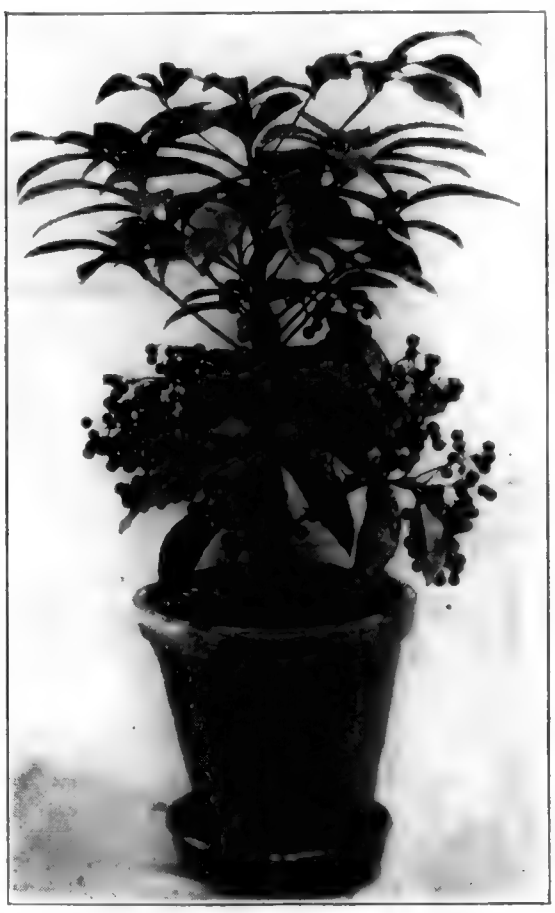
Any decoration which shall add slightly to the appearance of the plant is admissible. As an example, small cones tied on the tips of the araucaria whorls with red baby ribbon form a natural and logical decoration. Some unfortunate people, with more pocketbook than taste, buy bows of ribbon with plants attached to them, or baskets swathed in satin ribbon and chiffon. Too much is as bad as "dinkiness."

Combinations, Bad and Good.

Here are a few color recipes which are too often seen, but let them be slated with the "Don'ts": Colored cyclamen with Begonia Gloire de Lorraine; colored cyclamen with holly, poinsettias, or primulas, except white; colored primroses with Lorraine, poinsettias, or holly; red magnolia or beech leaves with scarlet immortelles; red roses with holly.

The wreath arrangements may be varied almost indefinitely. We can have plain lycopodium, or lycopodium with holly scattered or in one cluster, with or without ribbon. We can have lycopodium with scarlet immortelles as an inside outline, as scattered bunches or as one large cluster, or we can display a plain lycopodium with a stylish bow of ribbon that will outclass any of the above. In the pine sections of the country neat wreaths may be made of the boughs and trimmed with the cones, with or without ribbon. Pine wreaths with artificial poinsettias are showy and inexpensive, or an all poinsettia wreath would serve the same purpose.

Other decorations for a plain lycopodium wreath: A single strand of ribbon—scarlet, of course—drawn through and twisted here and there where it is necessary to fasten it, and ending in a hanging bow and streamer; knots of baby ribbon scattered at intervals around the wreath, with a spray of mistletoe in each; a cluster of small cones and a spray of holly, all tied to the wreath in one place with a bunch of No. 5 scarlet ribbon; for cemetery or memorial purposes, an extra wide lycopodium wreath, with a small, solid cross worked on its surface of scarlet immortelles; for a laurel or green magnolia wreath, a tie of scarlet ribbon with a generous lot of bows shaped like the leaves; for a red magnolia wreath, a formal bow and long streamers of Nile green ribbon, with a spray of mistletoe in the bow; an all holly wreath with poinsettias; an immense wreath of any of the above kinds, tied with a cluster of small wreaths and a large ribbon tie.



The Ardisia.

A Christmas Tree.

For a display tree: Trim a Christmas tree with red and green candles, moss baskets of holly or small flowers, poinsettias, cones, clusters of scarlet baby ribbon, and dainty flower boxes with Santa Claus stickers. Bank around the base with ferns and blooming plants. Trim the background with wild smilax and poinsettias. Overhead hang clusters of arbor-vitæ bells, ringing wildly. The arbor-vitæ bells may be made over an ordinary bell frame and provided with a red immortelle clapper. Bell frames may also be covered with the artificial poinsettias, pine boughs or lycopodium.

Baskets are receptacles for plants and flowers and, as such, should be kept in their proper place and not overdecorated. Little or no ribbon, with a neutral color in the basket, is the most tasteful. With a dull colored basket the brilliant flowers and foliage will show to a decided advantage. A slightly discolored basket may be covered with holly and filled so as to look fresh and new. Coleus plants and scarlet geraniums are good color helps, along with poinsettias, holly, etc. Fiber ribbons in red and green are useful ties for rustic baskets and pots, while rosettes of baby ribbon and butterflies of scarlet chiffon are highly ornamental for the finer and daintier baskets.

Suggestions for Baskets.

We see lots of plant baskets for Christmas stock, but for special orders cut flowers may be used in combination with plants for the better class of trade. A cluster of flowers tied on the handle with the card is a good touch to such a basket.

For instance, how do these sound? A basket of adiantum plants with the handle trimmed with pink roses; a rustic basket with Pteris tremula or similar fern, with a holly-trimmed handle and a scarlet cord to tie on the card, or a fiber ribbon rosette low on each side; an all Begonia Lorraine basket, with a high handle trimmed with a wrapping of Nile green satin ribbon about halfway down on each side, with plain streamers hanging and mistletoe drawn into the ends in a tight knot; a basket of crimson cyclamen, the handle decorated with a tie of American Beauty ribbon, enclosing a bud or two of the same rose; a hamper basket of twig used as a box for a handsome bunch of violets, tied with violet cord

and a bunch of mistletoe caught in the outside tie; a hamper of pink roses, with a Nile green cord wrapping; a dark twig hamper, lined with holly and filled as a box would be, with scarlet carnations, tied with green or scarlet cord and sealed with a Christmas sticker; a choice fernery filled and delivered in a hamper; around the fernery lay in holly and mistletoe and wrap with a poinsettia on the outside where the lid is fastened down.

I wish you all a merry and a busy Christmas. Gertrude Blair.

THE ARDISIA.

One of the merits of the ardisia is that it has great enduring qualities and to lovers of house plants there are few other subjects which will make more satisfactory Christmas gifts. You can recommend the ardisia to any customer looking for a Christmas remembrance for the lady who dotes on grandmother's garden.

The ardisia shown in the illustration on page 21 was not in an ordinary flower pot; far be it from such. This was in a special green glazed pottery affair, similar in shape to the ordinary flower pot, but of a color almost matching the green of the ardisia foliage. A good many florists would add a holly red ribbon up in the top of the plant.

PLANT HAMPERS.

In the leading flower stores at Christmas and Easter nothing sells better than hampers of plants, the poinsettia being the principal plant used at the Christmas season. Of course, the size and price of hamper and plants vary with the needs of the different stores, but the stock used in the average establishment is well illustrated on this page. Each of these hampers was filled with poinsettias, cyclamens, ferns, Christmas peppers and dracænas, the poinsettia being the predominating feature. In most cases red ribbon also was added if the customer would pay the price. Of course these hampers are made with a metal lining and they make a quite enduring article. The price may vary widely, but an arrangement made to sell at $5 has proved to go out readily when shown in attractive style in stores where a fair class of trade is handled.

One of the advantages of these hampers is that they can be made up in advance. It is not necessary, with the metal pan, to wait until the last moment before delivery. In some stores the entire stock is made up a couple of days before Christmas, permitting all hands to turn in for selling during the rush, but in other stores sales are made from samples, while the men who do the making up are kept steadily on the job, each article being set away as sold, and a fresh one brought out to take its place. To handle the trade in this way requires a larger force, but it gives the customer the satisfaction of receiving the actual article selected, and not one somewhat similar.

HOLIDAY CUT FLOWERS.

In the last few years we have heard a great deal about the sale of plants at the holidays, and after each one of these festivals we are told that it was a "plant Christmas," or a "plant Easter." But the fact remains that cut flowers still constitute the best selling part of the stock. Not only do customers enjoy sending boxes of flowers to their friends, but they buy cut flowers for their own holiday uses. Many a free spender who wants to remember his friends for Christmas sends each a box containing a dozen Beauties. Many a metropolitan florist has a number of such customers; men who simply hand out the addresses of those to whom the gifts are to be sent, and after having left quite an order such a customer almost invariably calls up later to add a few names at first overlooked.

A good many retail florists have pushed the plant end of the business at Christmas simply because cut flowers have been high and the opportunity for profit, even at the high retail prices, less than the opportunity to make money on the plants. Another thing which has been in favor of the plants was that the stock is less perishable; orders can be put up in advance and delivered the day before Christmas, while with cut flowers it usually is a case of putting up orders in the early hours of Christmas morning and making immediate delivery.

The changing times rather remove the objection of inadequate supply of cut flowers. Of recent years there have been enough, or nearly enough, and with the great increase in glass the chances of any extreme shortage are reduced to the minimum. In these modern times there seldom is a holiday when stock is not to be had in the big wholesale markets. Furthermore, prices are not so high as they once were. Perhaps one pays as much for a rose, but he gets a much better rose, and the same is true of practically all other cut stock. A good many florists who once put most of their energy into pushing plant arrangements are now turning once more to cut blooms. This is especially true of those high class stores which want to do just a little differently from what is done by their less pretentious competitors.

MODERATE PRICED NOVELTIES.

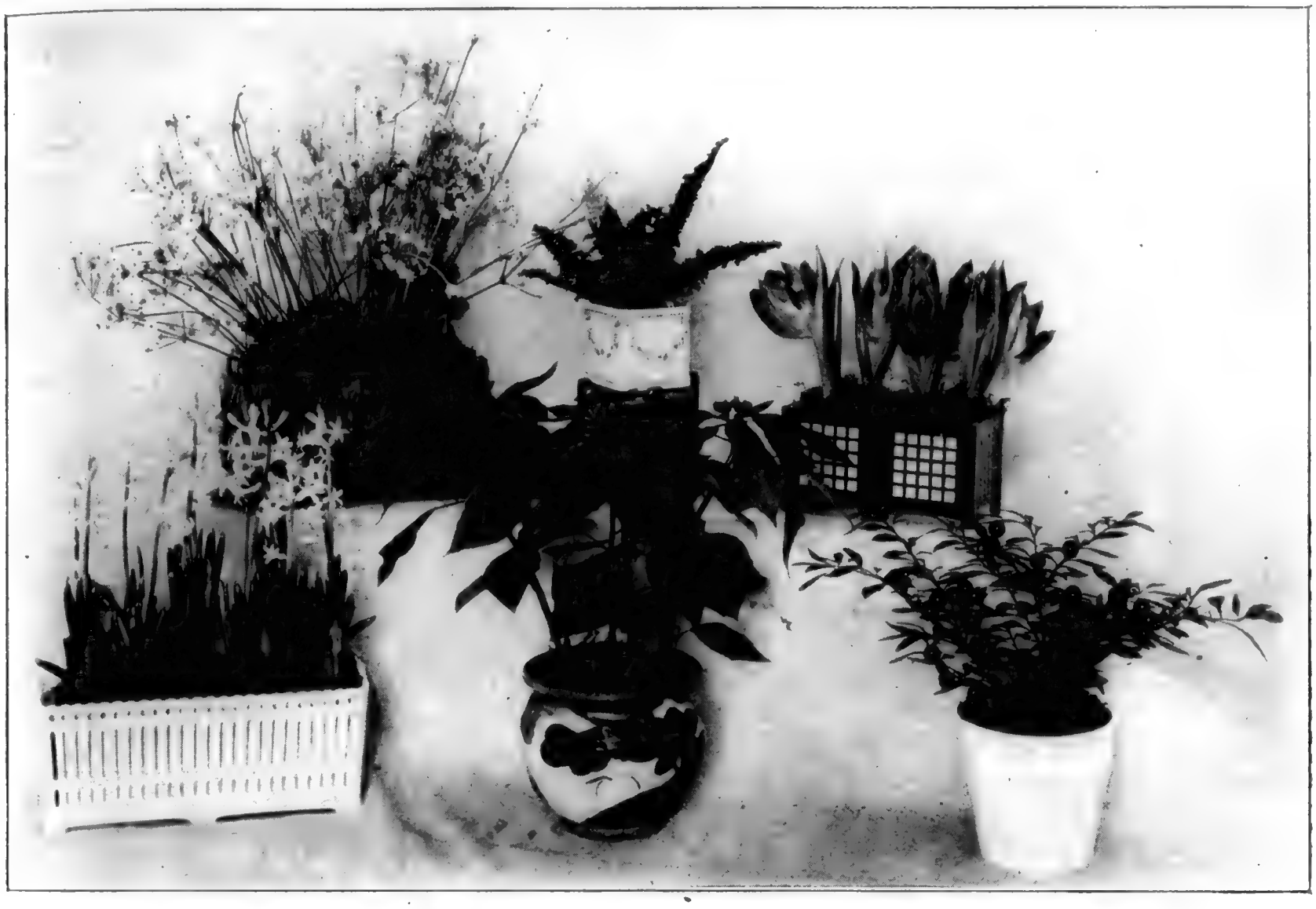
More and more each year the holiday business makes a call for novelties. The time was when the trade was almost wholly on the staple articles. Nowadays the bulk of the holiday trade is done with something out of the ordinary. Where retail florists have equipped themselves with holiday stock different from that offered their customers week after week the year around, they have found the Christmas sales jumped in a most satisfactory manner. The Christmas shopper is not looking for every-day articles; what is wanted for gift purposes is something out of the ordinary.

The Christmas novelties need not be expensive; indeed, in the great majority of flower stores there is no sale for the high-priced affairs, and in even the best of stores the bulk of the sales will be articles of moderate value.

While it is not the easiest thing to pick up cut flower or plant novelties, with the aid of the supply houses nothing is easier than to diversify the stock through the use of plant receptacles. These may be of any material, from the ordinary red pot, with its crepe paper cover, to an imported decorated china art novelty that has a value many times greater than that of the plant it contains. Any florist can supply himself with a stock in variety by taking poin-



Decorated Hampers for Christmas Plant Arrangements.



Moderate Priced Christmas Plant Arrangements.

settias, Christmas cherries, tulips, hyacinths, primulas, cyclamens, and ferns of various kinds and planting them in these different receptacles. These novelties can be made up to sell anywhere from 50 cents to $5 or more, depending largely on the price of the receptacle and the tone of the store that is making the sale; a fashionable store in a big city cannot sell 50-cent articles at holiday time, rents and the cost of delivery necessitating sales that give greater profit.

The illustration on this page gives an idea of the variety of receptacles and planting used in a Chicago store last Christmas.

The forehanded florist keeps an eye out for pleasing novelties and buys them a few at a time as he finds them, but any who have neglected to prepare themselves for Christmas can stock up by wire. One of the developments of the supply business of recent years has been the sale of what the supply people call assortments, by which they mean that if the buyer gives an idea of what he wants, mentioning either price, size or style as well as purpose of the article, the supply man will pick out and ship a selection, one or two pieces of each style. So well do the supply people know the tastes and needs of the various communities that these assortments seldom fail to give complete satisfaction and many stores in small towns buy all their supply stock in that way.

OAKLAND, CAL.—Christian Rosenquist, florist and gardener, has been committed to the Stockton Asylum.

SOUTH ATTLEBORO, MASS.—Edward A. Whitney has been appointed superintendent of the South Attleboro cemetery, to succeed Frank E. Shaw, who resigned.

CHRISTMAS GREENS.

Necessity for Preparedness.

A feature of the Christmas trade is the green business. It has grown till it takes up a great deal of time and we must either make up these wreaths and garlands ourselves or buy them. Some can be bought to advantage, while others are difficult to get in the right quality. Having these wreaths and wreathing in sufficient quantity, ready in advance of the demand, and kept so that they will be in good order for Christmas eve, will require no little thought and management. If you make up your own greens you cannot put it off till the last day, when everybody is on the jump with other work, but must make them up several days before sale.

Care of Holly.

Holly is, perhaps, our most important article in this line. It should never be exposed to severe weather. The cases should be stored in a cool shed. A dry heat will shrivel it up. A cool, rather moist cellar would be the ideal place. Use the short stuff for making wreaths and the good branches and sprays for selling as 50 cents' worth, or a dollar's worth, or two dollars' worth, for there is a great demand for nice stock that way.

If you do not have this cool cellar for storing the loose branches, and more particularly the wreaths when they are made up, perhaps a week ahead of time, they keep well beneath a bench in a cool greenhouse, laying coarse paper on the ground, to keep the wreaths clean, and newspaper over them, to keep the light away. Do not put down more than two layers of the wreaths, or the weight will flatten out the lower ones. Some make these holly wreaths with ground pine on one side and holly on the other. And some work in the so-called red berries to help out when the holly is shy of its own berries. Get your local wire worker to supply you with the wire frames for the wreaths; he will supply them as cheap and neater than you can make them.

Laurel Wreathing.

The so-called mountain laurel, Kalmia latifolia, is by all odds the nicest material for wreathing. It is a pretty green, clean, does not drop and has not the cheap look of the ground pine wreathing. Use it in all decorations where you can. It is perhaps double the cost of the ground pine wreathing, but it looks it and is worth it. Here is an article, though, that you can buy by the yard, made up, rather cheaper than you can buy the sprays and make it up yourself. The best trade may call for some laurel wreathing "extra heavy," and this we have to make up for the occasion.

This beautful shrub adorns the bleak and snowy slopes of our Allegheny mountains and no amount of frost hurts it. A coldframe, with the light excluded, is a good place for it, but don't make too great a thickness of it, for it flattens out and then is anything but ornamental. That is the only trouble with the wreathing you buy; it needs to be ruffled up and shaken out.

Bouquet Green.

The old ground pine, which has several aliases, will come next in importance. We all know that it is a carpet to some parts of our northern states and is as hardy as an icicle, but it browns up quickly when used in a warm room. Even while in crates, unpacked, some

cloth or covering should be thrown over it to keep the exposed outsides from losing the fresh green color. To dip the bunches in water for a minute or two will make the sprays pliable and easier to work, but if overwet it will all the quicker turn brown or black after being made up.

The wreathing that is made up by tens of thousands of yards and sold to the florists for them to retail is apt to be thin, because competition has brought the price down too low for the manufacturers to turn out a really good article; you can't get something for nothing at Christmas any more than at any other time. Consequently many florists prefer to make their own wreathing and then store it away in a frame or cool shed, but always covered, so that the light and air will be excluded as much as possible.

Magnolia and Smilax.

The above three materials are the principal things for our holiday decorations. There are other things used in a small way. The beautiful leaves of the Magnolia grandiflora are ornamental on small branches, but not often seen.

There is nothing to say about that most decorative of all hardy climbers, the southern smilax. It is in season from October until April and you buy it by the case when you want it. The merest novice can tack this up and it can not be otherwise than graceful. It is something like Asparagus plumosus in this respect, only the smilax is invaluable in the large hall, while the plumosus is at home in the drawing-room.

Bouquet green is scarce and high this year, and much wild smilax will be used instead for decorations.

Mistletoe.

Don't forget a few dollars' worth of imported mistletoe. Some people say there are no "privileges" allowed with the native species and will have nothing but the imported article, but the majority do not know the difference. It is not of record that the mistletoe, which has such charming associations, lends extra bliss to the exercise under the bough when well berried, but certain it is that it often reaches the florist quite berryless. The berries are in the bottom of the case. If you buy ten dollars' worth of mistletoe you will, perhaps, only get your money back, but you won't do that if you leave it in the case and let every boy you have maul it over when wanting to select a 50-cent or dollar spray. Unpack and sort it and put a price on each group, so that you can readily pick up what your customer wants.

Christmas Trees.

The Christmas tree, in large cities, at least, is no worry to the florist. Carloads come in and are handled by the market people, but those florists who make the effort can sell trees with their other greens. The florist ought to make an effort to have a little better grade of greens than can be bought of the provision stores or street salesmen with whom he comes in competition, and the same way with trees. A lot of people know a good, shapely tree when they see it. You can sell a lot of these by telephone or by letter, if you have the stock and facilities.

Table trees are new in many localities. These are little fellows, not over two feet high, and should be offered with some sort of base to hold them upright. A piece of tree four to six inches in diameter, sawed into disks an inch or two thick, makes a good support; bore a hole in the center of the disk, sharpen the end of the little Christmas tree, drive it in the hole, and there you are, all ready for the table and trimming.

THE POPULAR POINSETTIA.

Among the Christmas specialties nothing sells better than the basket of poinsettias. Illustrated on this page are two such arrangements. These were raffia baskets, one round and one square, but almost any kind of basket does well with the poinsettia and the red ribbon bow. For making up in this way one should choose poinsettias of a height to correspond with the height of his basket; a low handle calls for low plants, a higher handle permits the use of taller stock. A few ferns mixed with the poinsettias serve to fill in the bare spots. One touch that costs little, but is generally omitted, is to cover the soil with green sphagnum moss.

THE SIMPLE LIFE.

The fussy kind of plant arrangement does not appeal to all tastes; some plant buyers, whether or not they lead the simple life themselves, prefer the simple object—nature unadorned. For such as these there is nothing more attractive than the cyclamen as shown in the illustration on page 28. This was in one of the pure white china pots now handled by all the supply houses, perfectly plain, except for the beading just beneath the rim and the garland of raised flowers which shows at one side. Any good cyclamen plant will sell in such a pot and such a sale will almost invariably make a friend for the florist.

THE LOVELY LORRAINE.

Nowadays no retail store that caters to discriminating trade can get along without the Lorraine begonia at Christmas. The Lorraine is not the most enduring of plants; neither is it the easiest plant to handle when making a large number of rush deliveries in bad weather,



Christmas Baskets of Poinsettias and Ferns.



Christmas Hamper of Poinsettias and Adiantum Farleyense.

but flower buyers simply will not do without it. Some of the leading retailers still will not do better by Lorraine than to say it will last at least as long as cut flowers, but others find they have few complaints and give the plant hearty approval. And all the while the demand increases for this most beautiful of Christmas flowering plants.

The illustration on page 27 shows two plants of Lorraine, with some ferns, in a French fish basket. The basket was the genuine article, stained a dark green, and was lined with moss to retain the soil and moisture. It proved a first-class seller last Christmas and there are innumerable ways in which Lorraine can be worked into Christmas plant arrangements. There never is anything higher class than the baskets and hampers in which this plant is used.

DISPLAY PIECES.

It always pays to have in the Christmas stock one or two arrangements of just a little better character than the trade ordinarily calls for. While the bulk of the business is on low-priced or medium-priced arrangements, it always is possible to lead the trade upward if one makes a little effort.

On this page there is an illustration of a large Christmas hamper, in which poinsettias and Farleyense fern were the principal plants. These two make a delightful combination, in either a red or green basket, and a display piece of this character, in window or store, will lead to a better average class of sales than would be made without it. Did you ever take note of the fact that the average customer buys neither the most expensive nor the cheapest article you show? Apply a little psychology to your selling plans.

CARE OF CUT POINSETTIAS.

Will you kindly tell me how to take care of cut poinsettias? I have some nice plants growing in the bench for cut blooms, but as soon as I cut them and put them in water they wilt. I have cut them with stems from two to six feet long, but they will not draw up the water, even if they are put in water eighteen inches deep when they have a 5-foot stem. S. N. M.

Poinsettias grown in pots or pans have harder stems than those planted out and appear to hold up better when cut. It is necessary, however, to stop the bleeding as speedily as possible after the stems are cut. Several plans have been successfully tried to effect this: Searing the cuts with a hot iron, dipping for a few seconds in boiling water, or standing in water heated to a temperature of 125 to 150 degrees for a few minutes. The last-mentioned plan, tried this season, works splendidly. Place them in cold water in a cool room afterward and there will be no signs of wilting.

C.

OPPOSING THE FAKER.

The florists of western Pennsylvania are up in arms in opposition to the invasion of their territory by the so-called fakers. In the last year or two the cheap salesmen from the big cities have found an opportunity to branch out in the smaller towns. In many cases they maintain buying representatives in the big markets, who pick up any stock which can be had at low figures and ship it to the out-of-town sellers, some of whom operate street stands, while others maintain quite pretentious stores. Conditions in many wholesale markets have favored the operations of these people, until they have become a large factor in the trade.

The local florists of Reading, Pa., which city recently has been invaded by the cheap salesmen, have formed an association for the purpose of dealing with the situation. They are seeking to enlist the support of the leading florists in all other small cities in the state, for the purpose of withdrawing patronage from those who have been supplying the cheap sellers.

SEASONABLE SUGGESTIONS

Poinsettias.

The bracts on the poinsettias are now well developed and a slight lowering of the temperature will be a benefit. Particularly is this the case with those growing in pans, a large proportion of which will be called upon to do service in the stores, where they must withstand variable climatic conditions, and if they have not been grown too warm during the last stages of growth they will be less likely to go to pieces when exposed to rather low temperatures. The query, "How can I prevent leaves from turning yellow on my poinsettias?" is easier asked than answered. There are many causes of yellowing foliage; the principal causes are wide temperature fluctuations and too dry or moist root conditions. An overdose of liquid or chemical food will also speedily cause leaves to drop.

A common query also is, "How shall I treat cut poinsettias to make them last?" If cut and placed at once in cold water, they do not keep well, but if, as soon as they are cut, the bottoms of the stems, bleeding profusely, are plunged in jars of water of a temperature of 130 to 150 degrees, left there about five minutes and then placed in cold water in a cool room, they will hold the leaves intact for a number of days and not wilt at all. Searing the ends of the stems is sometimes effectual, also plunging in boiling water for a few seconds, but our experience has been that water at 130 to 150 degrees and then cold storage in plenty of water is the best method for keeping both leaves and bracts fresh and firm.

Primulas.

Thanks to the unusually warm fall, November being a record breaker for mildness, primulas are much better in flower than is usual at this season. Nicely bloomed pots of primroses are never allowed to go begging long at either stores or greenhouses, and plants which have been frequently spaced to prevent the leaves crowding, and which have a light position in a moderately warm, sunny house, should now be in good shape. Scarlet varieties, like Cheswick Red or Crimson King, are the best Christmas sellers, but there is always some call for other colors. P. obconica makes a useful plant at the holidays. The chief objection to its extended use is the fact that the leaves poison many people and this has given the plant a "black eye" with quite a number. P. Sinensis does not like liquid stimulants as strong as allotted for other sorts.

Freesias.

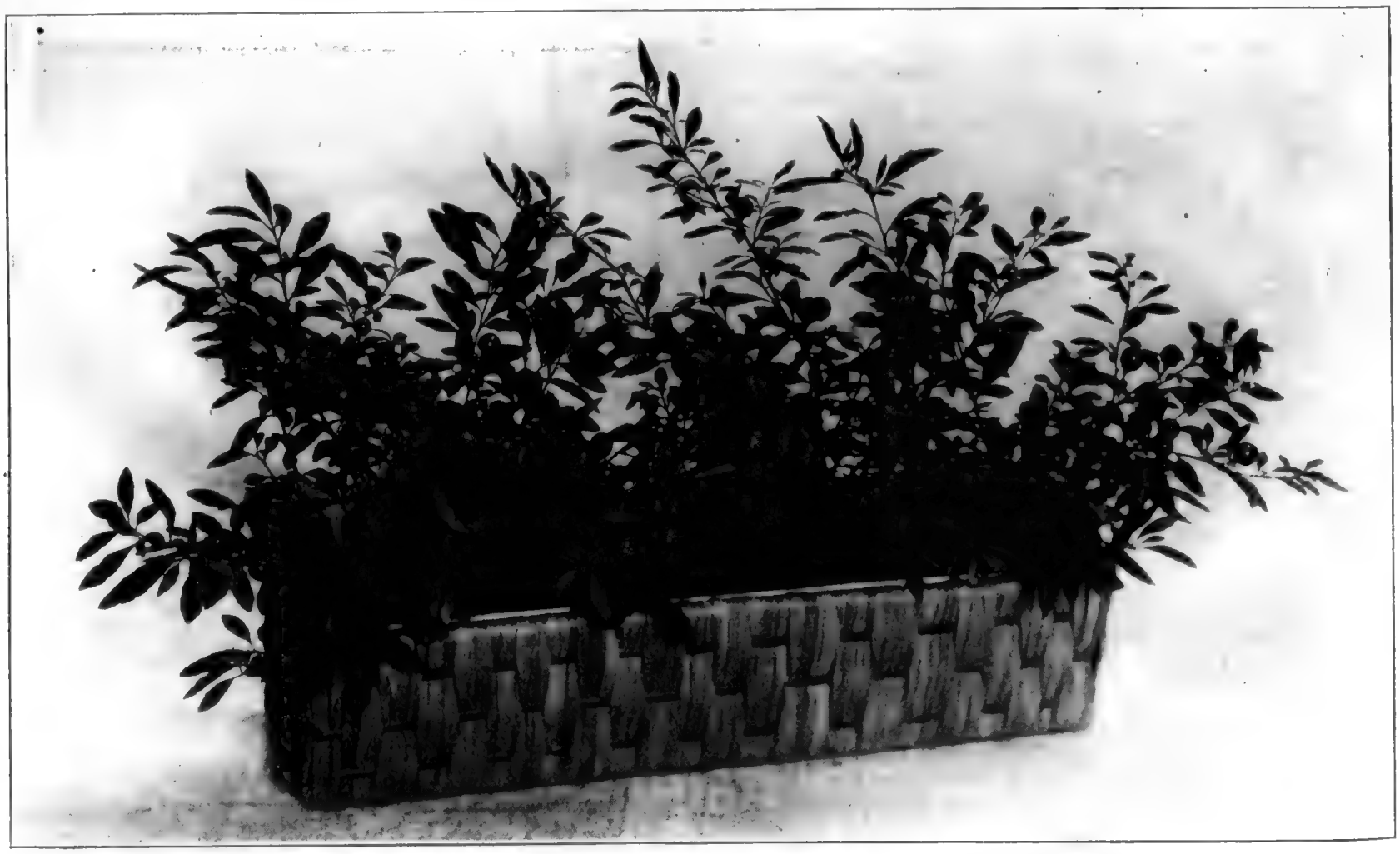
It makes considerable difference in the returns from the early batch of freesias, whether they are in flower for Christmas week or not. The quantity annually flowered at this early season is comparatively small, but the high prices prevailing at that time are a temptation for some to endeavor to bloom them. Spikes must now be well advanced, with an occasional flower opening, to insure their being on time. Do not let the temperature exceed 55 degrees at night at any time; hard forcing completely spoils them. Keep the latest batches cool and water abundantly at all times while growing.

Lilies.

It is getting too late now to pot longiflorums and have them in flower for Easter, as some would-be growers imagine. They will come along nicely for Memorial day, when all good flowers sell. Move the Christmas lilies into cooler quarters as they expand and let laggards have a hot, moist house with frequent syringings. Easter longiflorums should now be showing through the soil, or they will be too late. Do not try to force them too hard until the pots are well filled with roots. Formosas will not require any forcing; a temperature of 50 to 55 degrees at night from now on will be ample for them. Harrisii, where they are being grown—and, owing to the early date of Easter in 1910, more than usual are being tried—will require a moderately cool house and may require a little retarding later. Remember that you should be able to see and count your lily buds before Lent comes in.

Lorraine Begonias.

Christmas is the great season for selling Lorraine begonias. It almost seems as though more and more are grown and sold each year, and, in spite of occasional periods of glut in the plant market, they hold a leading position still. Complaints are often made of their shedding their flowers in a couple of days when placed in a warm room, but where they have been gradually hardened off the plants will bloom profusely all winter. Avoid



A Raffia Plant Receptacle with Pan, Can Be Used With Any Low Plants.



The Lorraine Begonia in a French Fish Basket.

anything in the nature of heavy fumigating, or poinsettia foliage and begonia flowers will alike bear mute testimony to its baneful effects.

Dicentra Spectabilis.

The roots of Dicentra spectabilis, better remembered, perhaps, as dielytra, are now to hand. After potting, they should be placed in a coldframe, with the pots protected, for a few weeks. When housed for forcing, they should not have a strong temperature; 50 to 55 degrees at night is better than 10 degrees higher. Let the flowers, as they start to develop, have a cool house, as they will then have far more substance. Pots eight inches in diameter will be required for average sized pieces of dielytra.

Stevia.

The useful little winter flower, stevia, is now coming into season. To keep up a steady succession, a batch of pots or boxes should be placed in moderate warmth each week. Customers buying carnations and roses frequently want a few pieces of stevia put in for good measure, in the same way as many want Asparagus Sprengeri each time they buy a dozen carnations. This opens up the question as to how far the "throwing in" system is one to recommend. Of course, visitors at showy establishments would be righteously indignant if asked to pay for either stevia or Sprengeri, but we are of the opinion that the giving away of flowers should form no part of the florists' business, except in special cases.

Christmas Plants.

Clean pots and neatly painted tubs should be the rule at Christmas. Bays, boxes, hollies, aucubas, thuyas, retinosporas and other evergreens look vastly better if the tubs containing them get a new coat of paint. It is pleasing to note the immense development of the Christmas plant trade and to note how much care is now taken to have them spick and span before sending them out. Some Christmases wrapping can practically be dispensed with, but we can never depend on this, so a liberal supply of wrapping paper should be kept on hand in case of emergency.

Show Pelargoniums.

Show pelargoniums are now starting to grow freely and will soon require considerable additional bench space. They like a cool, airy house; 40 to 45 degrees at night will suffice and prove much better for them than 50 degrees. A spraying overhead with nicotine once a week will keep them clean, and fumigation will answer well where this is not done. On no account allow green aphis to get a secure foothold, or the plants will be half ruined.

ABSORPTIVE POWER OF PLANTS.

An idea occurred to me lately on the power of certain plants to absorb odors. I believe in having plenty of celery for house use all winter and I give you my plan of keeping it. I aim to get a nice growth on it and handle it by pulling off suckers and useless leaves. Towards fall I tie it up nicely, not too tight, and on the approach of cold weather I clear a space under a greenhouse stage, preferably a center stage. Then I give the ground a good soaking of water, lift the celery with a ball of earth and set close together. It is better if no heating pipes are near them. So lifted, without blanching, they continue to grow and even the green stems become mild and palatable after being in the greenhouse a while.

Now I come back to my odors. This is supposed to be a cold house, suitable for violets, or any cold-house stock. I believe in keeping cold out of a house rather than to drive it out by fire heat, so I made some light shelters and covered them with tar paper. I only had a few new ones made, but after a day or two I found that the celery had absorbed the odor of the tar paper.

This called to mind another incident. Over fifty years ago I worked under a celebrated plant grower on the old Wilmore place, near Birmingham, England, and he used at times to stage such plants as gloxinias, achimines, cinerarias, begonias, and even orchids, over a shallow tank containing manure water, over hot water pipes, and his success was something remarkable with some subjects. Of course, cool treatment was required in the after handling, but it seems to me there was something in it for thought among practical men. F. A. Baller.

BLEEDING OF POINSETTIAS.

What is the best way to keep poinsettias from bleeding or from wilting after cutting them? G. M. N. & S.

Poinsettias bleed profusely when cut, and placing them in cold water right away does not help them. As soon as you cut your stems, have a can or tub of warm water of a temperature of 125 to 150 degrees and stand the stems in it for five minutes. Place them in this water at once and do not leave them lying around until finishing your cut. The hot water stops the bleeding, and by standing them in cold water later they will hold up well for you. The leaves on cut poinsettias always fade before the flowers. The bracts are generally good when the foliage has all fallen. The hot water plan materially lengthens the duration of the foliage. C.

THE RETAIL FLORIST.....

THE CHRISTMAS TABLES.

The Christmas table decorations will call for the use of red and green in the shades of the poinsettia and holly.

The accompanying illustration is reproduced from a photograph showing a Christmas decoration by the Bell Floral Co., Franklin, Pa. This was in the dining-room of the Venango Club at Oil City and was all in poinsettias and Christmas bells. The large dome light over the table was transformed into a large bell, using red beech sprays, small Christmas bells and poinsettias. In the center of the table there lay a large ball of boxwood and red immortelles, with wide holly-red ribbon radiating from it, each ribbon having a large double bow at the edge of the table. Midway between the center and each end of the oval table there was a basket of poinsettias. The green used was smilax.

Such a decoration as this is susceptible to modification to fit almost any condition and it affords a striking and pleasing variation from the classes of material used in this work at other seasons.

VAPOR ON SHOW WINDOWS.

In our flower store we use a gas stove for heating in the rear. How can we prevent the window from getting covered with moisture, without heating the front of the store? Is there something with which we coula rub or wash the window, in order to prevent this? G. M. N. & S.

The steaming of the windows in any store is due to the watery vapors in the atmosphere becoming condensed. This condensation is brought about by the vapors coming in contact with the window glass, which is colder than the interior of the room. In a flower store the air is unusually damp; therefore we all experience much trouble with frost on our windows, especially during the coldest days, just when a pretty window, with its flowers and plants, would appeal strongly to the passer-by. Layer after layer of this moisture freezes on the window, and it is soon coated with ice, especially at the bottom, the moisture running down the glass.

A little heat in the front of the store would do no good. You would have to get the air quite warm before the frost on the glass would thaw.

One way of preventing the steaming is by causing a passage of air on the inside of the window, close to the glass. This may be accomplished with small ventilators at the top of the window or just below the glass, in the frame, if there is one.

A solution of two-thirds alcohol and one-third glycerine, applied lightly to the glass with a sponge or cloth, will prevent the freezing of the moisture, but I have found this a nuisance also, as the window is not clear when coated in this manner.

After much experience, I have found the best remedy to be cold water applied freely to the glass. Take a small watering can or a sprayer and flow some cold water down the inside of the window. Doing this once or twice a day, usually toward evening, will be sufficient. If your window is so constructed that water cannot be applied freely, then I would suggest that you wipe off the steam with a sponge or cloth saturated with cold water.

It has been suggested that the only sure remedy for the trouble we experience in winter with frost on the glass, is to have the window constructed the same as a florist's refrigerator door; that is, two lights of glass with an air space between. This I hardly think practical with a large window. In the first place, the space between must be perfectly air-tight, and even then, in time, the glass inside will get dirty and will have to be cleaned. Still, never having had any experience with a window so constructed, I do not want to condemn this method entirely. H. S.

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As the year is fast drawing to a close, I hope you will not feel it an infliction if I address a few words to you before stepping down and out.

The most noteworthy work accomplished by our society during the year was the securing of a revision of the tariff in relation to bulbs. The duty is now based upon the number and not the value of the bulbs. This is simple, tends to the importation of a better average grade and does away with the accusations of sharp practices by removing the inducement and the opportunity. Under the old arrangement the honest importer was handicapped, but now he starts from the scratch.

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Now that the society has accomplished so much in this direction, let us make it a continuing habit to do things that need doing.



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The retailers are going to be with us at the next convention. They are already knocking at the door by scores, for we are showing them that there is something inside that is worth coming after. The committee in charge of that movement is actively at work.

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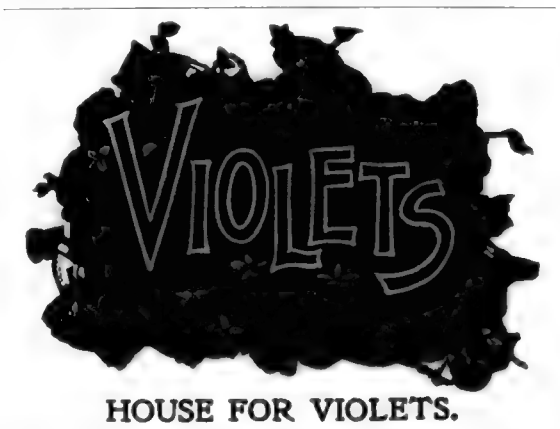
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The society is larger and richer than ever before. Let us work together the coming year and see if we can not greet President Pierson with a membership of 2,000 at Rochester, instead of 1,000, as at Cincinnati.

Reports indicate an unusually prosperous condition in all parts of the country, and the outlook for the immediate future is encouraging, but history should teach us that booms are followed by depressions. Let us, therefore, use present profits in a conservative manner, so that, if hard times should come in two or three years, we shall have money in the bank instead of ranges of new glass that are not yet paid for.

With cordial Christmas greeting for every one of you, I am enthusiastically yours. J. A. VALENTINE, President.



HOUSE FOR VIOLETS.

I have a small house in which I want to try growing violets, but do not know whether it is the place for them or not, as it is somewhat shaded in the morning by two large houses and in the afternoon by the dwelling house. I have never grown any violets, but have been reading about growing them in coldframes and dugouts, so I thought that this would be a much better place.

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Of course, a house where there would be no shade would be better adapted for violet culture. They require all the sun and light possible in winter. Roses and carnations would not do at all in such a house, but there is no reason why you cannot grow violets in it with a fair amount of success. Your pick during midwinter will be materially reduced on account of the shade, but it will have an advantage over stock in coldframes, which can only be depended upon for a small fall and heavy spring picking. Maintain an average night temperature of 40 degrees and give abundance of fresh air. Princess of Wales, single, and Lady Hume Campbell, double, are two reliable varieties. W. C.

SPIRAEAS FOR EASTER.

How should I treat spiræas so as to have them in bloom for Easter? What temperature do they require and when should they be started for the Easter trade? G. H. P.

Keep the clumps cold and exposed to frost after being received. They can be potted any time after the middle of December and should be held in a coldframe or pit. Easter Sunday comes March 27 next year. By starting your plants in a night temperature of 60 degrees on or about January 20, they will be in season. The old variety, S. Japonica, will come into bloom a few days earlier than such varieties as grandiflora, Gladstone and astilboides. Pink kinds, such as Peach Blossom and Queen Alexandra, should be allowed twelve weeks. They are not as good early forcers as the white varieties, however. Spiræas will stand hard forcing and can be flowered

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Keep the clumps cold and exposed to frost after being received. They can be potted any time after the middle of December and should be held in a cold frame or pit. Easter Sunday comes March 27 next year. By starting your plants in a night temperature of 60 degrees on or about January 20, they will be in season. The old variety, S. Japonica, will come into bloom a few days earlier than such varieties as grandiflora, Gladstone and astilboides. Pink kinds, such as Peach Blossom and Queen Alexandra, should be allowed twelve weeks. They are not as good early forcers as the white varieties, however. Spiraeas will stand hard forcing and can be flowered



The Flower Market in the Cen er of the City of Mexico.

in less time than we have stated by giving them higher temperatures. We like to start in good season and allow them to stand in a cool house for a few days as the flowers expand. C. W.

CITY OF MEXICO MARKET.

Flowers Not Sold in Stores.

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In the City of Mexico the florist is not a decorator, nor does he sell loose cut flowers; practically the whole of the business is with designs, that are carried in stock, ready made up, displayed for the choice of the transient customer and ready to be carried away as soon as the inevitable bargaining is concluded. In northern cities designs are made up only to order, but in this Mexico City market dozens of them line the pavement; and not cheap designs, either, but pieces that would be worth good money in any town above the Rio Grande.

Florists' Visit Interesting.

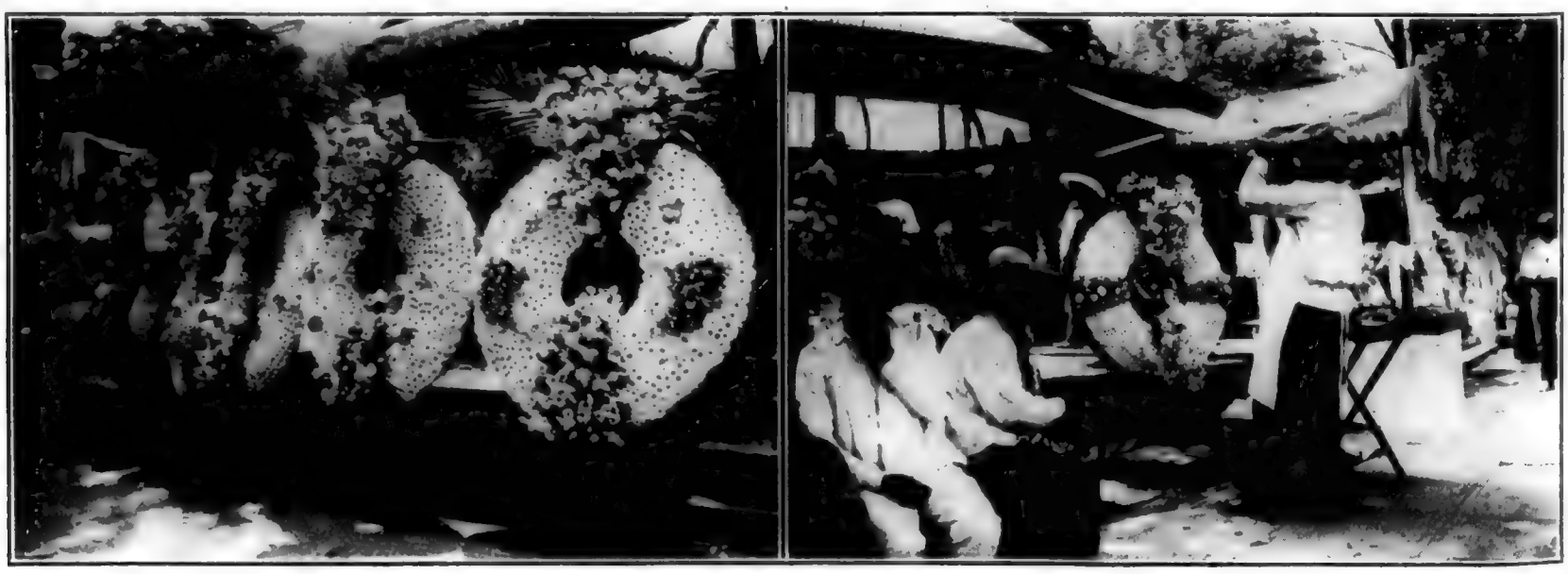
Miss Matilda Meinhardt, of St. Louis, had just returned from a trip to Mexico with a party when she was chosen as president of the Ladies' Society of American Florists at the Cincinnati convention. To Mexico with Miss Meinhardt went Miss Margaret Vesey, of Fort Wayne, daughter of Judge and Mrs. W. J. Vesey, and herself one of the vice-presidents of the Ladies' S. A. F. As with other florists who visit the Diaz capital, Miss Meinhardt and Miss Vesey found the flower market one of the centers of greatest interest. Miss Vesey is an expert amateur photographer and took a number of pictures of this unique place, several of which are reproduced in this issue of the Review.

"The flower market in Mexico City," writes Miss Vesey, "is in the center of the business district, easy of access and passed by large numbers of people, native and tourist. The market building is a large, circular one, having a canopy-like glass roof and no awning. The few trees do little to lessen the intensity of the sun's rays. The flowers brought to the market all are grown in the gardens on the outskirts of the city. The various sellers are close to one another and to the uninitiated it is impossible to distinguish between them; one cannot tell where one man's stock in trade ends and another's begins. The methods of doing business are full of interest to one accustomed to the trade as it is conducted with such great similarity in all the cities of the United States.

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"Practically no loose cut flowers are sold by the dealers in the flower market in the City of Mexico; some, of course, and a few in bunches, but most of them in designs. Some of these designs are brought to the market already made up, but the greater part are made in the market itself while the flower venders are waiting for customers; the making up of designs is going on practically all of the time.

"No wire frames are used by the Mexicans. The frames they use are made from twigs, tied together with grass or strings. To those accustomed to the use of the neat, rigid wire frame, these twig affairs seem crude and bungling, but the workmen are extremely dexterous in fashioning the frames and in making up the designs on them. The frames are filled with anything that happens to be handy, old flowers, leaves, and so on. When the filling is in place everything is covered nicely with green leaves, sometimes one thing, sometimes another. The flowers then are put in, setting them closely and evenly, using as many as possible—none of the effort to make stock go as far as it will, the way northern florists have to do when white carnations cost 4 cents and are hard to find at that.



Scenes in the Flower Market in the City of Mexico.



A Nearer View of the Flower Market in the City of Mexico.

Materials and Prices.

"The City of Mexico is by no means flowerless; there is a surprising variety of stock and much of it is of excellent quality. In July I saw the design-makers using American Beauties, roses, carnations, chrysanthemums, violets, pansies, sweet peas, marguerites, Shasta daisies and several varieties of lilies. The Beauties and Killarney were especially good.

"The designs are all topped beautifully and most of them are quite artistic. The wreath seems to be the favorite piece, being most frequently seen mounted on an easel.

"The Mexican market florists never expect to get the price first asked. I saw the sale of a design that the man first asked $15 for that finally went for $2.50. I priced a design, beautifully made, six feet high, a wreath on an easel, with an anchor worked in on each side of the center, the first price asked being $10. This was in Mexican currency, which, in our money, would be $5. It was a design that in any first-class American city could not be bought for less than $50.

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Possibly you may not be growing the right winter blooming varieties. Such sorts as Earliest of All, Mont Blanc, Florence Denzer and Watchung ought to flower when half the height of your plants. Your soil is all right, and feeding ought not to be necessary if the soil is of good depth. I presume you are growing in solid beds; benches give shorter growth and somewhat earlier flowers in midwinter, but the quality is inferior. A night temperature of 48 to 50 degrees is about right. Feed with liquid cow manure when the plants really require it. A top-dressing of pulverized sheep manure is also good. A dressing of fine bone is also helpful, but should not be applied until later in the season. This can be hoed or lightly forked in.

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HOUSES FOR ROSES.

I have two houses, each 16x100, with no division between them. They are heated by hot water. Could roses be grown profitably in these, and if so, what would be the most profitable variety or varieties to grow? What is the best time of the year for planting them? I am located in Pennsylvania. E. C.

If you have no special experience in rose culture, we would advise against planting the houses to this flower. The growing of roses successfully has been merged more and more into the hands of large specialists, and flowers such as you could probably produce would not compare favorably with these in quality. Of course, if you have a good local trade and could use the flowers as produced, you might be able to make a little money, but even then, with good shipping facilities from the big centers, you could, I think, buy them cheaper than you could grow them. Killarney is the most generally popular rose; both the white and pink are persistent bloomers.

Your houses would grow carnations well and there would be more money in these for you than in roses, there being less liability of failure. Violets, bulbous stock, chrysanthemums and other stock could be grown successfully in the houses named and we think would earn you more money than the roses.

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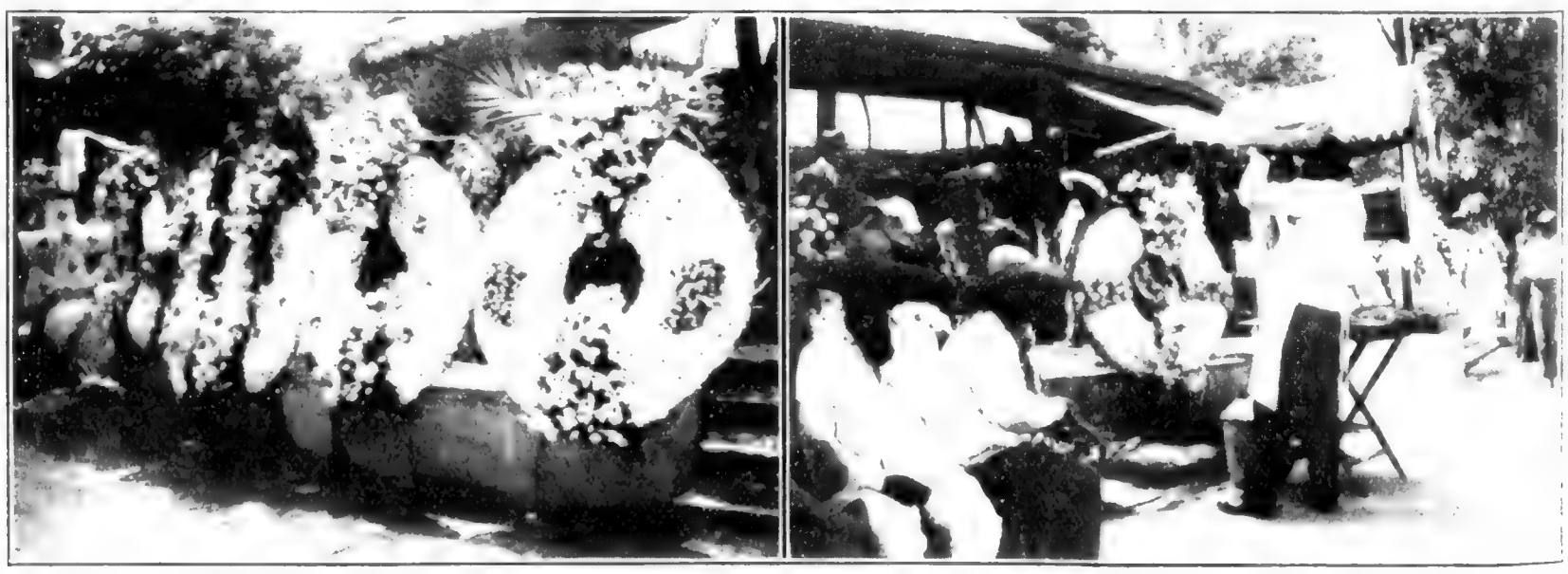
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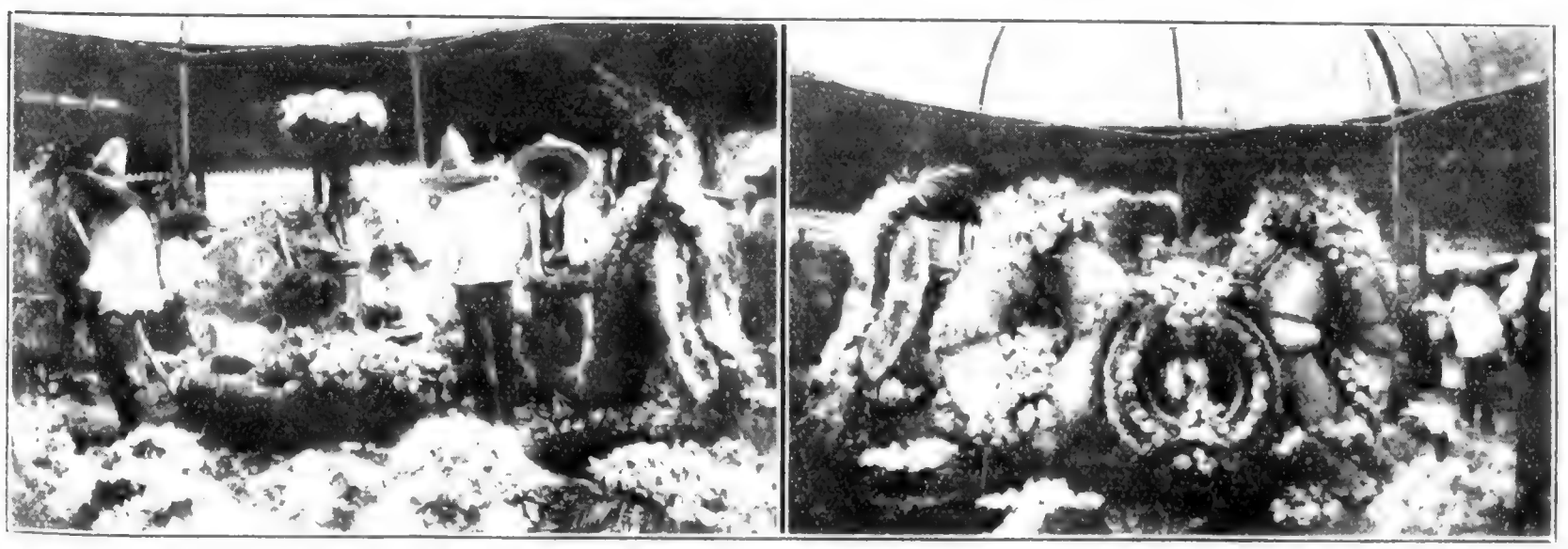
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PITTSBURG THE MECCA

SMOKY CITY TO THE FORE.

Carnationists to Assemble There.

It will not be many weeks before the carnation growers will be wending their way to Pittsburg for the annual convention and exhibition. Naturally they will want to see what may be seen outside the exhibition hall itself and it is therefore especially timely to give a few words of description of the largest plant in the vicinity, that of the Pittsburg Cut Flower Co., at Bakerstown. The postoffice is Gibsonia, Pa. Up to a few weeks ago this was the Pittsburg Rose and Carnation Co. Fred Burki was president, also of the Pittsburg Cut Flower Co., which does a large wholesale business in Pittsburg, so it was decided to consolidate the two corporations in one, having a capital of $300,000.

Mr. Burki is a quiet and modest man, but a close observer, keen, sagacious, progressive, energetic, practical and a tireless worker. Everything he grows there is money in, and he won't touch anything he cannot see profit in. At the same time he tries almost everything new that appeals to him as being desirable and a money-maker, but be it old or new, the moment it ceases to be profitable, out it goes. He is president of the Pittsburg Florists' Club and vice-president of the American Carnation Society. Wishing to consult with him about some club matters, the other day found me at Bakerstown. As everything on the place was so systematically handled, and the crops in such excellent condition, I thought some of you would like to know how Mr. Burki does things; hence these notes. But bear in mind I am not writing this for the big florists who know so much already, and whose places are extensive; I am doing it for the little fellows who hunger for a knowledge of the successes of the bigger ones.

The Greenhouses.

It would be useless to describe each of the sixteen houses in detail. Suffice it to say that between six and seven acres are covered with glass. More than half of the houses are of the most modern and perfect iron-frame construction. Those of you from the prairie levels of Chicago, Richmond and Long Island, when you come to the convention next month, will here see something different from what you have at home, where greenhouse building is "as easy as rolling off a log." Here the glass is spread over high hills, exposed to wind and storm, and still it is a magnificent success. Most of the houses are on a south slope. The older ones are built on a ten per cent face grade, the newer ones on a sixteen per cent grade; the latter is much preferred, being lighter and sunnier. All of the newer ranges are individual houses, with twenty feet space between them. This prevents one house from shading the other and is a great convenience in teaming.

The glass used on the roofs is double A, put in the short way. The sides are seven feet high, three feet of this being wall and four feet glass. There is continuous ventilation back and front at the ridge, but on the older houses none at the sides. In the larger new houses panels open here and there back and front, opening from the top inward, so that the cold air will run up inside of the glass roof and not immediately over the plants. But these side ventilators are seldom used, except in warm summer weather. While the older houses have frame walls, the newer ones are of concrete made of coal ashes. These are everlasting and were made by their own labor, and they didn't cost any more than would well made board sides. There is a wide removable panel in the gable end of each house for convenience in emptying and filling soil.

In many of the houses the benches are wood, but as these are rotting out, they are being replaced with concrete side walls three to four inches thick, with beds eight inches deep, bottomed with 4-inch common drain tile set close together. Mr. Burki likes these benches. With them there is very little danger from overwatering, the plants thrive well on them, and they do not harbor fungous or insect pests.

The greenhouses are heated by steam furnished from two batteries of boilers set in the ravine between the hills. He uses the Murphy smokeless furnaces and is very well pleased with them. They are self-stoking, self-feeding and economical in fuel and labor; the combustion in them is extra good and they produce little smoke. For these he uses slack as fuel; for the hand-stoked furnaces he uses ¾-inch screened coal, and gets better results from the slack. About smoke, he declares that his best firemen always make the most smoke. This is contrary to the theories urged by our city smoke-consumer cranks, who insist that half the smoke is caused by bad stokers. The Murphy furnaces make ninety per cent less smoke than the hand-stoked ones.

At one time they used natural gas as fuel, because they have it on the place, but the supply was too uncertain for their enormous plant, but they still use it for lighting and domestic purposes.

Some years ago oil for greenhouse fuel made quite a stir, and among others our good friend C. W. Ward, of Queens, N. Y., went into it enthusiastically, but if I mistake not he has returned to coal. At any rate, Mr. Burki, although he has some fair oil wells running constantly on his place, won't use it as fuel. He declares there is more money in selling it to the Standard Oil people at $1.80 a barrel than in burning it in his own furnaces.

The Roses.

The crops grown are roses, carnations, mums, asparagus, orchids, and a few catch crops and odds and ends.

Mr. Burki propagates all of his roses by grafting on the English Manetti. He gets these now, pots them at once, and grows them on until the middle of January, when grafting begins. The house used for this purpose has recently been emptied of chrysanthemums. On these propagating benches there is provision for bottom heat, also for boxing them overhead with sashes. He is more successful with grafted than own-root plants, and only uses the latter when he has to buy stock. Once or twice in the case of own-root plants he has had trouble with eel-worms. Lime scattered in the soil allays this a little, but steaming the



Iron-frame Carnation House of the Pittsburg Cut Flower Co.



One of the Rose Houses of the Pittsburg Cut Flower Co.

earth is the surest preventive. Also, he finds grafted plants are seldom affected by the eel-worms; all his experience with this pest has been confined to own-root plants. In grafting throughout stronger wood is used than is always the case when raising plants from cuttings, and perhaps this is one of the reasons why our grafted plants are best.

About half the establishment is devoted to roses. In the case of the carried-over beds he removes as much of the surface soil each year as can be done with safety, and replaces it with fresh compost. When growth is brisk and roots active, the beds are surfaced with a good mulching of stock-yards manure. He gets capital, sweet, fresh loam, the thin surface from rolling land. And right here is the advantage of a big farm out in the country! He top-dresses the field heavily with rotted manure, plows it over thinly, and harrows and cross-harrows it to break it up. This he uses at once, throwing aside the rougher parts. These tougher sods are carted to a pile and composted with manure. The old soil emptied from the greenhouse benches is spread over the skinned fields and cropped to grass or grain to mellow and sweeten it, and such crops are the envy of all the old farmers around there. After two or three years this soil is again fit for skinning for greenhouse use.

The Carnations.

Mr. Burki is discriminating. While he tries all of the new and promising carnations, the money-makers alone, be they old or new, are retained. And thus many a noble flower, magnificent elsewhere, is ruthlessly dropped at Bakerstown. His main crops are Victory, Beacon, Winona, Winsor, Lady Bountiful, Enchantress, White Enchantress, Rose-pink Enchantress, White Perfection, Lawson and White Lawson. There are half a dozen others on trial.

One carnation house on the slope is 40x350 and consists of three 20-foot ridge-and-furrow spans. The benches are five feet wide, six inches deep, on 4-inch close-together tile bottoms. Another new carnation house is 51x396. It has seven benches. How beautiful these houses are, with each bench a foot higher than the one in front of it, thus receiving great advantages in light and sunshine! A full span house on level ground is 51x350. It is one of Lord & Burnham's iron-frame construction, has seven benches, and is now a glorious sight.

Propagation is in progress now and will be continued for some months. The young plants for next summer's use, after leaving the propagation benches, will be grown in pots till they get into 4-inch. Planting in the benches indoors begins in May, and planting in the fields outside, the end of April, where the plants remain until July, when they are transferred to the greenhouses. Mr. Burki claims there is more money in the early indoor planted stock than in the double work of outside and indoor plantings. The indoor ones come into bloom earlier than the others. Besides, in a big place like this it is impossible to prepare for and plant everything in a month, even in two months. Besides, there is another thing to consider: In early summer some of the houses may still be in good bearing, and it takes considerable nerve to throw out a house of blooming plants to make room for new plantings. Last year they set 100,000 plants in the field. Here also the carnations have fresh ground; he never plants in two successive years in the same place. Here again is the advantage of the many-acre farm.

The roses and carnations are cut in morning and forenoon, sorted in the packing room, and placed in jars of water in the storage rooms until the night of the following day, when they are packed and shipped. The rose storage room is 40x60, and is run at 48 degrees, the ammonia system of artificial refrigeration maintaining this steadily. The carnation storage house is an arched-over, underground pit, 18x40, floors, walls and ceiling being entirely of concrete. There is a ventilator at each end. The temperature in winter runs about 48 degrees; in summer, 64 degrees. Carnations keep here splendidly. Here I may also mention that they have another cold storage house, an underground concrete pit, where they store peony blossoms in summer. By means of their artificial refrigeration plant the temperature in this pit is kept at 38 degrees, and Mr. Burki says he can keep the peony blossoms in it for several weeks in excellent condition.

Liquid Manure.

Mr. Burki is a firm believer in good living, abundance to eat and drink; a half-starved man cannot do a good day's work; neither can a half-starved plant pay for its room and keep. So he uses enormous quantities of manure on his land and liquid manure on his benches.

As a manure pit he has a concrete open air basin 40x80 on a hilltop. Rainwater fills this tank, and in dry weather he pumps water into it. Through pipes controlled by valves the liquid flows from this basin to a concrete tank in one of



Side Hill Carnation House of the Pittsburg Cut Flower Co.

the great boiler rooms, and from there it is pumped by steam into every greenhouse on the place. In every greenhouse there is a set of manure water pipes independent of the clear water ones. A wire screen in the manure water tank sifts out any rough material that may come into it, but this is seldom necessary. The strength of the liquid may be diluted by running clear water into the tank. Stock yards manure is what is used. If the water is too cold a jet of steam run into it raises it to proper temperature. He has used a commercial tankage manure he got from the Buffalo stock yards and found it excellent. It needs no screening. It is dry and comes in 100-pound bags. But in view of the ease with which he can get other manure, this tankage is a little too costly.

Besides running the refrigerating plant for the storage and packing rooms, and home ice, last summer Mr. Burki made about 3,000 pounds of ice a day to sell to his neighbors, who came for miles around to get it. Last winter was so mild that no natural ice was saved around Pittsburg. William Falconer.



CALANTHE VEITCHII.

Among winter-flowering orchids it is doubtful if there is anything to equal a batch of calanthes when well grown. Commercially they are not much grown, but the few who grow them for market never have any trouble in disposing of them at excellent prices. C. Veitchii is still the finest of the family, although some fine hybrids have been raised of late years, notably by the late Norman C. Cookson, of Wylam-on-Tyne, England. C. Veitchii is the result of a cross between C. vestita and C. rosea and was raised by James Veitch & Sons, London, which firm also must be given credit for Calanthe Dominyi, the first hybrid orchid raised under cultivation.

C. Veitchii has flowers of a rich, rosy-pink color, the throat being of a paler tint. The gracefully arching spikes are often three feet or more in length and will carry forty to fifty flowers, or even more. No orchid in cultivation makes a more beautiful table centerpiece than Calanthe Veitchii. Lovely as its color is in the daytime, it is even finer under artificial light. The flowers last a week or more in good condition in a warm room.

Calanthes grow well in pots containing a compost of fibrous loam, to which has been added some rough, gritty sand, dried cow manure and a little broken charcoal. A 6-inch pot should be allotted to each strong bulb; 5-inch pots will suffice for those a size smaller. For medium bulbs three may go in a 6-inch pot. It is a good plan to start the bulbs in flats of chopped sphagnum and sand before potting them. The bulbs should not be raised above the rims of the pots, but be kept a little below them. Long and heavy bulbs may need a short stake to keep them from shaking. Water should be supplied in limited quantities until the pots are getting well filled with roots and the plants in active growth, when they require copious supplies. In addition cow or sheep manure liquid can be added once a week. Reduce the water supply as the foliage disappears. Calanthes enjoy a brisk, moist heat while growing; 70 to 75 degrees at night is about right. A successful grower thinks a crack of fire heat every night during the growing season is the main reason why his plants do so well. Narrow span-roof or lean-to houses, where a brisk heat is readily bottled up, suit calanthes. Blinds are required during sunshine in summer and are to be preferred to shade on the glass. After the leaves have dropped and spikes are pushing up, a slightly lower temperature can be given. After the flowers are cut, the bulbs must have a thorough rest. A shelf well up to the glass, and where no water from the hose will reach, is an ideal place. W. N. C.

FLORISTS LEAD FASHIONS.

Influence on Dress Styles.

In former years florists depended largely for ribbons and chiffons upon the wholesale dry goods and millinery houses. In those days, before the keen competition of today, no distinction was made between florists' textiles and those intended for general consumption; gradually, however, the demands of the leading decorators became so insistent for distinctive fabrics that a few houses studied the question of more perfect blendings and harmonious styles, and thus we evolved that branch of the ribbon business known as florists' textiles.

The houses that lead in this development were correct in assuming that the florist wanted goods appealing to the taste of his ultra-fashionable clients, the class who are large users of flowers, and with whom cheapness of materials is no the primary consideration. The results have been surprising, and aside from the gratifying increase of business we have seen styles introduced for florists' decorative purposes set the dress fashions for the following season. The Dew Drop chiffon, which we introduced as a florists' fabric, has become the rage as a dress fabric, being now sold in wide widths by the leading department stores. The joint introduction of this chiffon for debutante bouquets by McConnell and Thorley, of New York, at the coming out reception of Miss Marjorie Gould caused considerable comment at the time and no doubt furnished the inspiration to New York's fashionable modistes.

For next season we note that fashion authorities are proclaiming glacé and ombre silks as proper for feminine dress. These effects are no novelty to the florists' trade.

The point to emphasize is this: The exclusive florist, with his flower trimmings, now has an influence upon the dress fashions of the following season. His class of customers, being the first to adopt a new fashion, are particularly susceptible to the influence of innovations in embellishments for corsage and wedding work. In days of old florists used trimmings woven for other classes of trade; now his styles set the pace. In other words, the tail now wags the dog.

Sydney B. Wertheimer.

Westville, Pa.—The greenhouses of Lewis Duncan, which were recently destroyed by fire, are being rebuilt of concrete.

Calgary, Alta.—J. E. Terrill is withdrawing from the firm of A. M. Terrill & Co. and will embark in the greenhouse and retail florists' business at Lethbridge, Alta. Western Canada, developing fast in other respects, also affords a broadening field for florists.



Calanthe Veitchii.

CHRYSANTHEMUMS

INDIANA A WINNER.

Mums are all gone and we are sorry to see them go, as they help to make the place look well. Mrs. Robinson was the best white mum I ever had since I have been in business, though the new mum Indiana, sent out by Mr. Knopf, of the Knopf Floral Co., Richmond, Ind., is fine and it will be my choice, next to Robinson, next year. I had some thirty-four new mums last year and this year, but Indiana is the only one of these that I will grow again in large quantities.

SIMON J. HIDER.

SMITH AND HIS MUMS.

At the greenhouses of the Lakewood cemetery, Minneapolis, Minn., they have had remarkable success this year with a crop of Yellow Eaton, as well as other things. The accompanying illustration shows A. J. Smith, manager of the establishment, standing beside a few of the blooms. An entire house was flowered with the utmost uniformity. The flowers were all of great size, perfectly finished and all ready to cut at one time, so that the space could be cleared for a spring crop. A house of Primula obconica also was brought on and marketed in especially fine shape this fall.

Mr. Smith was the author of the paper on "The Employee's Side of the Question," read before his local Florists' Club and published in the REVIEW October 28. In several other cities the paper has been liked so well that members have taken it upon themselves to read it aloud at club meetings.

MR. WELLS ON AMERICA.

W. Wells, the widely known English chrysanthemum grower, who recently spent some weeks in the vicinity of New York, writes in part as follows to one of his home papers, the Horticultural Trade Journal:

"As I promised to send you a few notes about my visit to America, I now take the first opportunity I have of doing so.

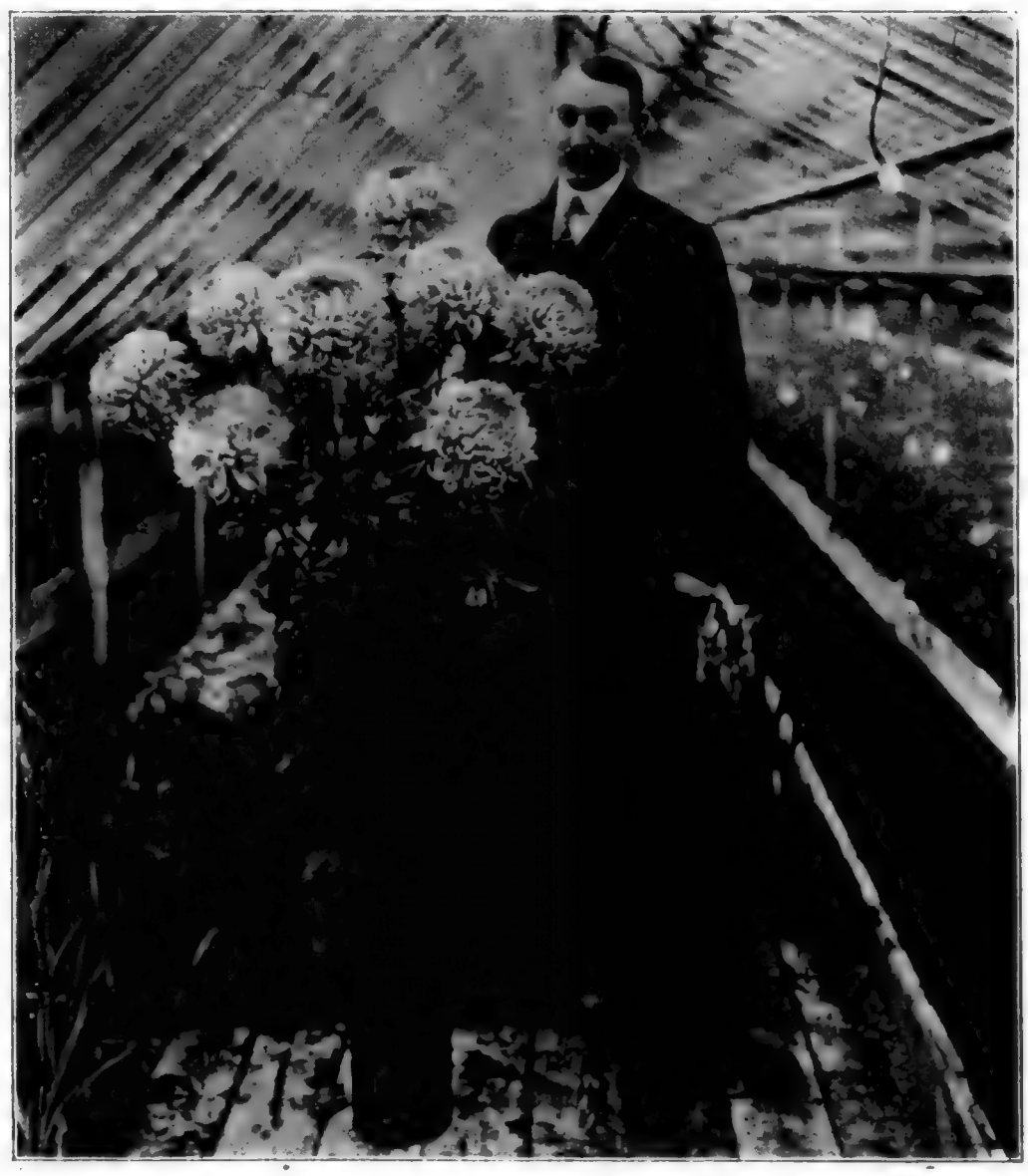
"First of all, the Mauretania hustled me across without making me ill, so I thoroughly enjoyed it. As soon as I landed, my friends were there to meet me, and the reception I had was a right hearty one, which made me feel at home straight away. Another thing I enjoyed was the brilliant sunshine every day, all day long, except the last. I arrived at New York October 29 and left there November 17.

"My object was threefold: First, a holiday; second, I am publishing an up-to-date edition of 'Wells' Culture of the Chrysanthemum,' and as I wished to include a chapter on the way they are grown, and the varieties they grow in America, I thought I could write with more confidence if I saw for myself. I was very sorry to miss every mum show in Great Britain, the first time for at least twenty years. But if W. Wells was away, the 'Co.' was busy, so I have just come home happy in the knowledge that things can be done as well by others as I could have done them myself. My third object was to fix up an agency in America. Each year we send a set or two of our novelties to several firms over there. One or two of these firms endeavor to grow them as well as they can the first year, while others cut them to pieces and propagate them for all they are worth. (Isn't that just the same as here?) The latter cut the prices so low (below the other fellow's feet) that no one appears to get much out of them.

"Knowing that our (i. e., the Wells-Pockett) varieties do so well in America, I felt curious and anxious to know everything there was to know about them, and now I know that at all the exhibitions I visited the Australian varieties totaled about two-thirds of the whole of the varieties. It is a curious fact, and yet it is no puzzle to me now, for one has only to think that the heat in Australia is great, as is also the heat in America—the summer conditions are very similar—and considering that all the chrysanthemums are grown indoors through the summer in America, the heat is even greater than it would be outdoors in Australia.

"It is an old but true saying, as old Farmer Brown said, that 'one never saw a pig but he would eat a bit more.' That occurred to me when I thought there should be a bit more coming to me from America. So off to America I goes and I have fixed it up with C. H. Totty, a well known chrysanthemum grower and trader of Madison, N. J., to be our sole agent for America. There will be no more diddling, and it's 'up to Totty' to make his own arrangements so that he can make as much as he can. For the Americans say, 'Make money when there's a boom,' and that there is a boom in mums over there no one can deny.

"How do they grow their mums? Why, they just plant them in the houses on benches, because they cannot grow



A. J. Smith and His Chrysanthemums.

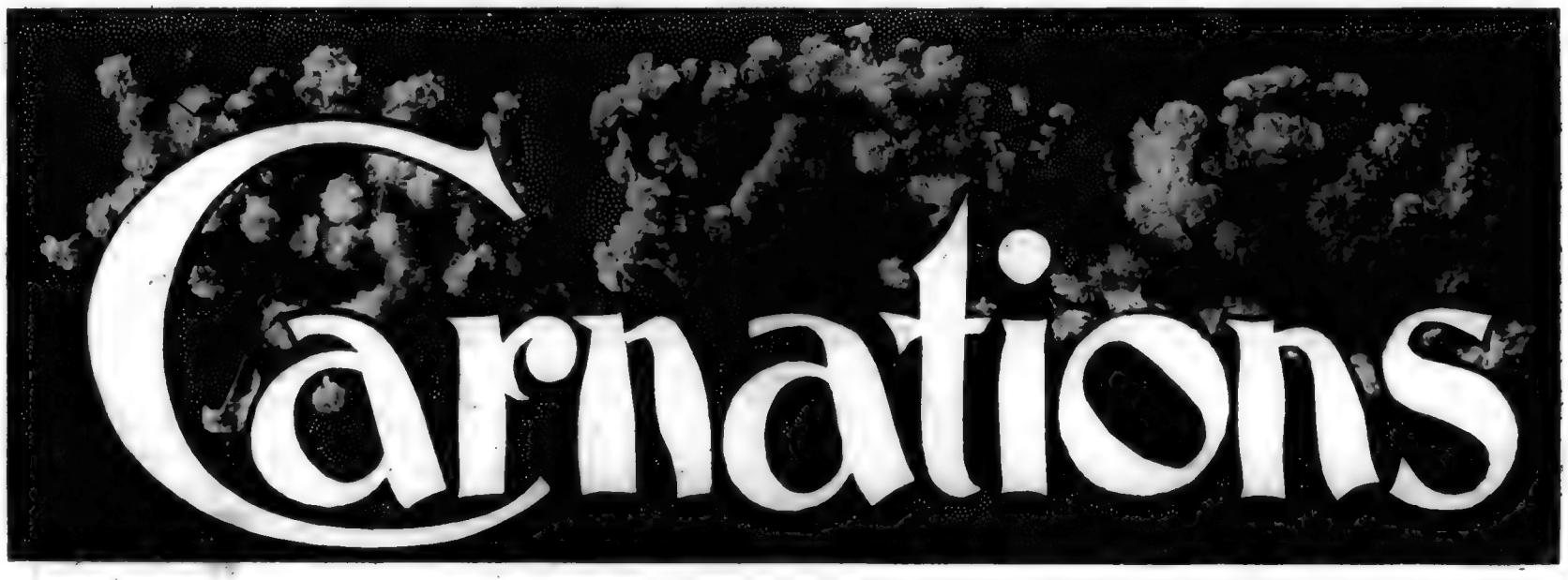
them outdoors (and because they can grow tomatoes, melons, grapes, peaches, cucumbers, etc., outdoors). They plant them from six to ten inches apart and run up single stems, and when ready to cut, they cut them with long stems, and send them to market in cases nine or ten feet long. Everything is done to save labor in America and I saw thousands of mums growing and being cut which were benched the first week in July, and the price ranged from 6 pence to 1 shilling and 6 pence each, and although I saw many sold at less, I saw some good, large blossoms sold for as high as 4 shillings each to the florists, who had to make a bit out of them.

"The varieties which I saw being grown for market were Merza, Appleton, Eaton, Enguehard, Balfour, Chadwick, Monrovia, Whitney, Golden Wedding, Winter Cheer (the latter was quite incurving and too small for their taste). Miss M. Hankey and W. Duckham are grown as specimen pinks, but Wells' Late Pink will soon become the best known of any pink, for a large grower offered to purchase every stock plant which I could spare.

"They have no market in New York like our Covent Garden, but each florist sends to the various stores, where the retail florists go to make their purchases. These stores all have their ice-rooms to keep any choice flowers which are not sold upon arrival. All flowers fetch higher prices than they do at home, but their labor is about double that which we pay, while coal is cheaper. Rates are not half what ours are, and taxes, why, great guns! There are none!

"I did not see anyone out of work, and the ordinary laborer gets 6 shillings to 7 shillings 6 pence per day, while anything of a garden laborer gets from 7 shillings to 10 shillings a day. Carpenters and bricklayers, etc., get about £1 a day, and these all go to work like swells going to business, and change into overalls for work, and a little black bag contains their dinner. Everybody seemed well dressed, and if this would not make an impression upon anyone who has seen so much destitution the last few years, I don't know what would.

"I met many, yes, hundreds of men who have 'gone out' within the last few years (some twenty years) and not one but what is doing well. The 'kindly remember me to so-and-so' was really hearty, and not one did I meet but made inquiries respecting the old country—'What is going to happen to it?' etc. But the answers I made to these questions I will not attempt to put into print."



MR. HIDER ON CARNATIONS.

Experience With Varieties.

In carnations the Enchantress family will be my choice in white, light pink and rose-pink. In red, Beacon has them all beat; it will average fifty blooms to the plant. Victory, however, has the best of it in shape and color and also has better stems. Did you notice the jealousy of Winsor, stretching out her long stems to get even with, if not the best of, Rose-pink Enchantress? Winsor knows when the flowers are worth having. I will grow my Winsor outdoors next year and house it in July. Sarah Hill can not have a place on my grounds. Lawson, Lawson-Enchantress, Lady Bountiful, Boston Market and Mrs. J. C. Vaughan will not be grown again, except a few plants of Mrs. Vaughan, which I will try again next year. Mrs. Chas. Knopf will not bear comparison with an old standby like Enchantress, though the blooms of Mrs. Knopf are larger when it is well done.

Now, I hope that no one will be offended by what I have said. I am just speaking from my standpoint. Some others may have an entirely different opinion, and we all, no doubt, would like to hear the story of their experience with the different varieties. I do not pretend to be a first-class florist, as I have only about 4,000 feet of glass and have been in the business only five or six years.

Cultural Methods.

I am now going to tell you how I grow my carnations. When I get my young stock into 2-inch pots I give them good, new soil from land never used before. I have an acre of heavy loam land, on which I allow such stock as hogs, horses, cows and chickens to run all winter. I plow up this land in the spring, take the top soil and make a heap large enough to give me all I want in the greenhouse. I turn this heap of soil once or twice to get it thoroughly mixed. I use no bone meal or anything of that kind. I use the same soil to pot my young stock, and when they have got the pots well filled with roots I move them to a cold greenhouse, about March 15 to 20. Now, there is no heat in this house at all and the plants just stand still. I only give them water enough to keep them alive. They stay in this house until April 10 to 20.

I spade the ground instead of plowing it, and get it in fine shape. Then I plant my young stock out, doing all the planting myself and seeing that each plant is set right. I have cut out the use of water in summer, giving the plants no moisture except the rain they get. I work the ground every week, except in wet weather, and keep the plants free from weeds.

About July 20 to August 10 I house my plants. I have my houses all cleaned well and whitewashed. I put one inch of cow manure in the bottom of the bench and five inches of the soil previously mentioned. When I have the bench full, I take a straight 4-inch plank, about two feet longer than the width of the bench, and by means of this, with a man on one side and myself on the other, we level the surface nicely. I now take a short-handled rake and go over the bed, loosening the soil so as to let the water soak through. Then I take the hose and give the beds a good watering. In about three to four days the beds will be ready to plant. Some advise waiting a week or two before planting any stock in newly filled beds, but I can not see it that way.

Before I begin to plant I have my glass whitewashed. Then I mark the bed lengthwise and crosswise and begin to plant. I dig the plants a few at a time and put them in just as soon as possible. I water each lot as soon as planted; not the whole bed, but just around the plants. When I get all my houses planted I go over the beds, and where I see a plant not standing well I first see whether it has had enough water or not and begin to coax it until it gets hold of the new soil. I never give any heavy watering until they get well established, but just use a fine spray all over the house two or three times a day. When the plants begin to show a bright-looking foliage I take the rake and go over the bed, loosen the soil a little and give them a good shower bath, just like a shower of rain, and from then on I keep the bed worked every week. I use air-slaked lime every month and spray with To-bak-ine once a week. I plant 10x10, but next year will give the Enchantress and Winsor 12x12 and Beacon 14x14.

Simon J. Hider.

RED SPIDER ON CARNATIONS.

Which is the best of the tobacco extracts to use as a spray to get rid of red spider on carnations? J. H. W.

You will find salt water about the best remedy for red spider. Dissolve a 2-inch pot of common table salt in three gallons of water and apply with a fine spray. Several nicotine products are advertised in the columns of the Review. All are

good, some growers preferring one, some another. We use the To-bak-ine, and find it a splendid article. A. F. J. B.

CARNATION ADMIRATION.

The illustration of the single bloom which appears on this page is a reproduction of a photograph of Carnation Admiration, made at the establishment of Charles Knopf Floral Co., Richmond, Ind. Several good sorts have originated at this place, but Mr. Knopf thinks this is the best thing he has yet grown. The color is pink, somewhat lighter than Winona, and it shows up splendidly under artificial light, where a large part of the carnations of this color must necessarily be used. Mr. Knopf says the variety is an exceedingly easy one to grow, and those who have visited his place this season report it certainly is doing well with him.

SIX WEEKS BEHIND.

I recently purchased a greenhouse stock, the carnations of which were benched in July. The soil is a light, sandy leaf-loam, without manure. The varieties are Enchantress, Rose-pink and White Enchantress, Bassett, Beacon and White Perfection. The plants are six weeks behind what they should be.

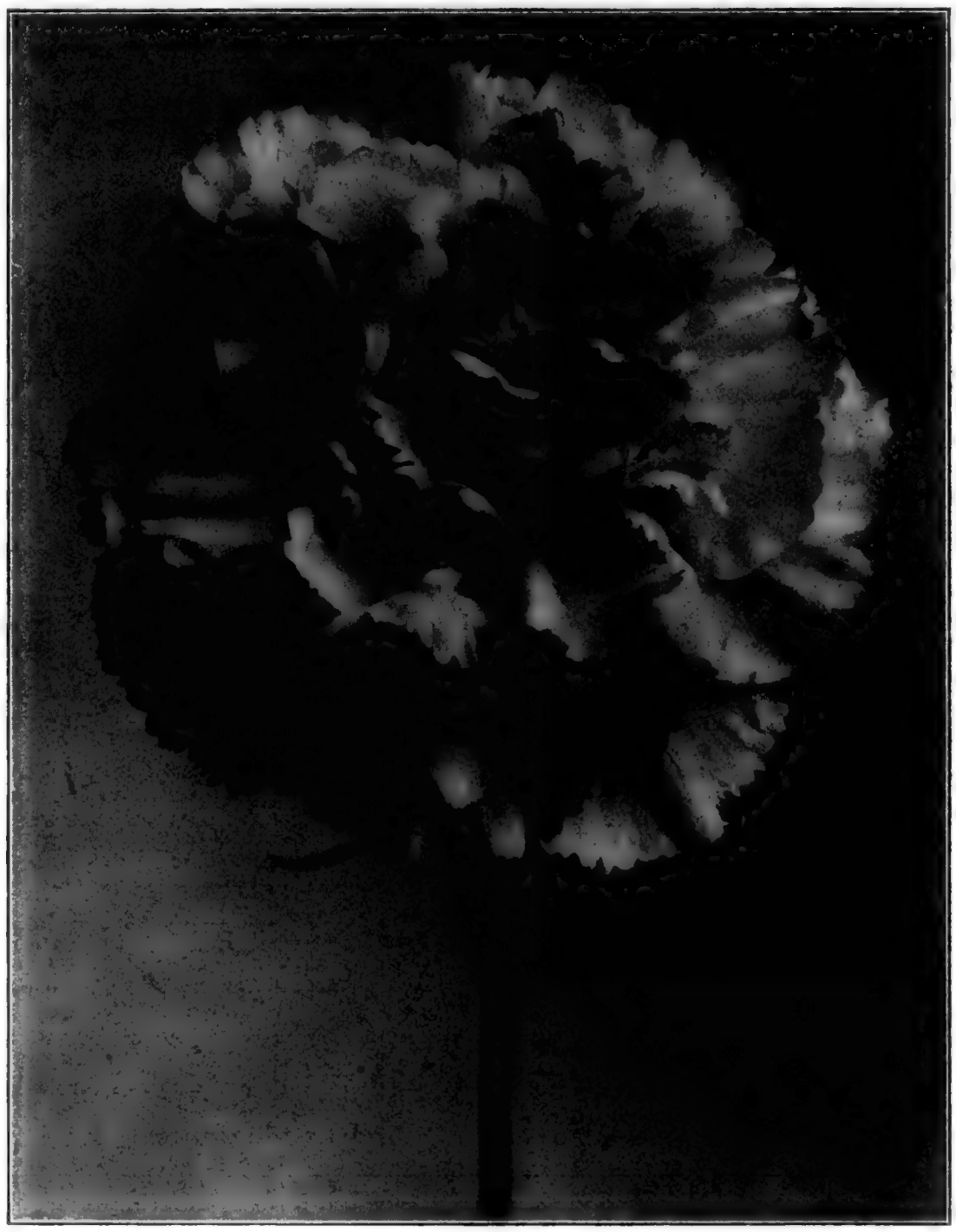
I have settled the soil until it is fairly firm, and given a light dressing of bone meal. Now, in order to bring them along faster, which would be the better, liquid manure or a chemical fertilizer? If the latter, what and how often? I am unable to get anything except fresh cow manure. Would a dressing of sheep manure help, and how long should I wait after having applied the bone meal?

J. H. W.

I would not advise you to feed your plants with chemicals now, and not until late in January or February. During the next six or eight weeks you are likely to have a great deal of cloudy weather, when growth will be rather sluggish and the carnation plants will not be in condition to take up much concentrated feed.

If the plants are robust and are only backward with the crop of blooms, I would suggest the following course of treatment: Give a light top-dressing of sheep manure, about one 3-inch potful in each row across a 5-foot bench. This will make them start up, and if you will make some weak liquid cow manure and give them a dose about once in every ten days, they should come along in good shape. You can also mix some of that fresh cow manure with an equal bulk of soil. Leave it in that shape for a few days and then pulverize or grind it before you apply it, about half an inch thick, all over the beds. You might also raise the temperature to about 54 degrees for a time, providing you will give them plenty of ventilation. It is doubtful whether this would pay, however, at this time of the year, when heavy firing is in order to keep the houses warm enough.

One thing you must bear in mind; you cannot force a crop of carnation blooms along much without injuring the quality. You will find it pays better to wait for a crop of high grade blooms than to hurry in a crop of inferior stuff. You may miss Christmas, but good carnations are good property any time up to warm weather. Especially is this true in a retail business like yours. Buy what you need until your crop comes in, but let your crop be good when it does come. A. F. J. B.



Carnation Admiration.

AMERICAN CARNATION SOCIETY.

Department of Registration.

Stuart Low & Co., Bush Hill Park, Middlesex, England, register with the American Carnation Society the new carnation, Black Chief, deep crimson.

A. F. J. BAUR, Sec'y.

The Premium List.

The premium list for the exhibition at Pittsburg January 26 and 27 has been mailed to members and will be found worthy of more than a passing glance.

I would call special attention to section C, which may be called the disseminators' section. It was our intention to get into this section every variety of carnation introduced last season, and we succeeded in getting fourteen out of the sixteen varieties sent out. It is our aim to make this arrangement a permanent one, and we believe that, once we get it under way, the disseminators will recognize its advantages and will offer to list their varieties in this section voluntarily. We look for a good showing of last spring's novelties at Pittsburg next month.

On page 19 will be found the instructions to judges of seedling classes. This set of instructions should be of special interest to the secretaries of local clubs and societies, whose judges frequently are not expert at the game of judging, and to whom these instructions should be of great assistance. While, of course, every society has a right to make its own rules for awarding recognition to meritorious varieties, yet it seems that no promiscuous body of men could expect to devise a better set of rules or instructions than those worked out by a large body of experts and specialists. This society would like to see all local clubs follow these instructions when judging new carnations. We have had a number of copies of these instructions run off separately, and any secretary who does not get the premium list can get one of these copies by writing to me.

The unusually fine lot of advertising shows how much the trade is interested in the coming convention.

A. F. J. BAUR, Sec'y.

PITTSBURG.

The Market.

Pittsburg got its share of the cold wave which passed over the country, the thermometer being reported as low as 6 degrees above zero, with a strong wind. The weather became milder on Saturday, December 11, and rain followed on Sunday night and Monday.

The retail stores complained consider-

ably about the slump in business after Thanksgiving, although they admit that trade was better than at the same time last year. The little lull, however, gave them an opportunity to get started on preparations for the holidays, and immortelles, boxwood, statice and magnolia wreaths are finding their way onto the counters. Plants, we are told, will be the feature at Christmas with all the stores. However, that is getting to be an old story, and there will no doubt be a better demand for cut flowers than for several years.

The wholesale houses report trade fair, their shipping business helping out where the city trade failed them. Those handling supplies report the demand better than ever before, and they predict, from the amount of business now being done, that the year will wind up all right.

Club Meeting.

The Florists' Club met Tuesday evening, December 7, at the Fort Pitt hotel, and it was an enthusiastic session. A number of new names were presented for membership and a fine display of Christmas plants was shown by the Phipps Conservatories, both at Schenley and Northside parks. Henry Negley had some fine cypripediums from his private collection. Considerable time was occupied in discussing the good and bad qualities of the various varieties of begonias. J. A. Peterson, of Cincinnati, was a visitor and made some interesting remarks during the evening.

Business Standing of Florists.

Several members of the trade, in the course of a little chat the other day, had under discussion the question, "Does the florist command the same amount of respect in the community as other men in the business world, doing an equal amount of business?" The assertion was made that he does not, and that when called on to make a decoration in a home and while on a first-class job, doing the work of an artist, he gets about the same consideration as a flunky about the house. Now, why?

One reason given was, that there is too much jealousy in the profession, that in the eagerness to get a decoration the prices are cut until a job which is worth $150 is given to the last man who gets a crack at it for $75 or $80. Then the people who let the order feel that, instead of dealing with business men who have something to sell which has a definite value, they are dealing with a set of men entitled to no more consideration than the Russian rug peddler who asks $10 and takes $5 for the best rug in his pack and makes money.

Another man's reason was that florists, as a body, are seldom identified with any great movement which has for its aim the betterment of his city or the citizens. For instance, why leave it to the women's clubs to fight and work for a more beautiful city, when the very people who would be most benefited, the florists, do nothing? Why do they not get together and, either unaided or associated with such a body as the Chamber of Commerce, educate the people in how to beautify their yards and homes, thus cultivating those traits which would eventually mean dollars in the pockers of the florists? There are civic societies in every community which would accept the assistance of the florists gladly, and eventually the communities would bless the florists and place them among the public benefactors.

Visitors: Mrs. J. A. Bopp, Cumberland, Md.; Mr. Burkland, Youngstown, O.; Joseph Thomas, Greensburg, Pa.

Hoo-Hoo.

DETROIT.

The Market.

When stock moves rapidly at the commission houses it is a pretty sure indication that it is also moving rapidly at the retailers, meaning business is good. Such was the state of affairs in Detroit last week.

With the chrysanthemums just about all gone and enough dark weather to cause a considerable shortening up of all stock, the store men who received much funeral work were often in a quandary.

Unless we get some bright weather soon roses will be scarce for the holidays. Sweet peas are arriving daily now, although the supply is still limited. The call for holly, ground pine, boxwood, etc., started early this year. The stores are all doing more or less decorating for Christmas, using many holly wreaths, garlands, etc. Some of the florists are also working up a good stock of wreaths of all kinds.

Various Notes.

E. A. Fetters has engaged James C. Eastwell, formerly of Cleveland, to assist him in decorating and as a store man.

In anticipation of a big holiday business W. B. Brown, of Birmingham, has moved his family into the city until after New Year's.

Breitmeyer's fine, large delivery auto is the envy of the other florists these days. A horse soon gets tired pulling through snow and slush, but the auto seems to roll on livelier than ever.

At the last meeting of the club, J. F. Sullivan and A. Pochelon were appointed to take up the credit question in the retail business. The store men will eagerly await their report, at the first meeting in January. We all run across some poor-paying customers and hope that these gentlemen will find some way of eliminating them to some extent.

A fine new delivery wagon will help J. F. Sullivan in getting out his Christmas orders. Unfortunately Mrs. Sullivan has been confined to her bed for some time and there is no possible chance of her being able to help during Christmas week.

G. H. Taepke's new conservatory will be a great convenience in handling the rush. They are, at present, cutting a good crop of carnations at their large range of glass on McClellan avenue.

Nearly every supply house in the country had its representatives in Detroit last week, and they all report large sales.

Monday evening, December 20, the Detroit Florists' Club will hold a little show of Christmas plants at the Michigan Cut Flower Exchange. Every grower is invited to participate. In fact, no one can afford to miss this opportunity of advertising their Christmas stock.

The Bemb Floral Co. was busy last week supplying flowers for the society buds.

These are anxious days for the growers, who sit up nights to see that the flowers and plants, which mean so much to them, do not get chilled or overwarm.

H. S.



House of Cyclamens Grown by M. Bloy, Detroit.

BLOY'S CYCLAMENS.

The accompanying illustration is from a photograph made in one of the greenhouses of Michael Bloy, Detroit, Mich. The entire house is occupied by cyclamens grown for the Christmas trade. There were 1,500 plants in the house when the photograph was made. The center bench contained 600 plants in 8-inch and 9-inch pots, and Mr. Bloy has every reason to feel pleased with the success of his crop

Reading, Pa.—Robert E. Brooks is building a new greenhouse at his residence at Birdsboro.

Detroit, Mich.—B. Schroeter is mailing flower buyers a blotter pad, with celluloid cover carrying a striking spray of cattleyas in colors.

Greenwich, Conn.—Robert McMillen & Co. secured a judgment of $1,115 in their suit against James Everard, a wealthy customer, the case having attracted much attention from the newspapers.

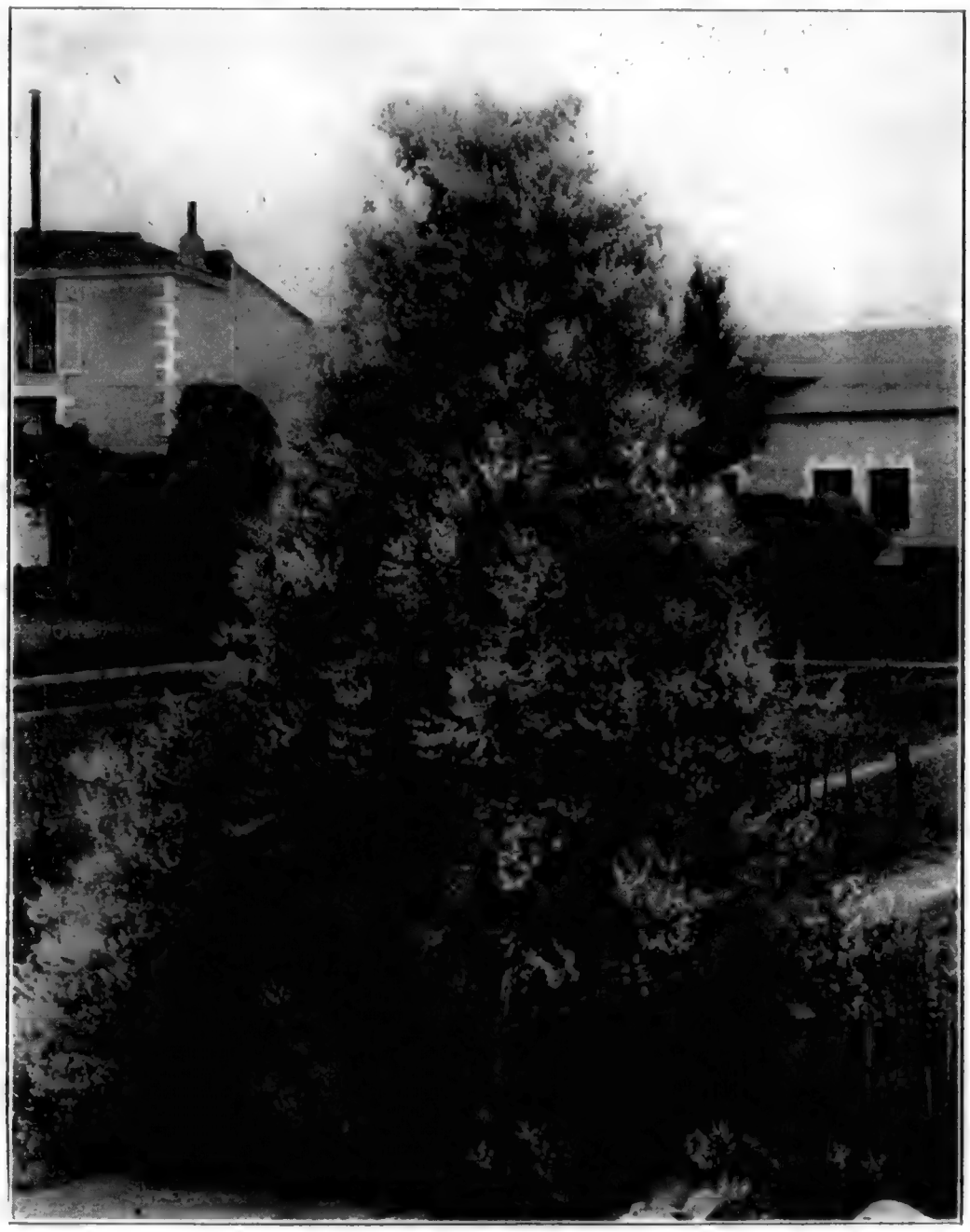
POLYGONUM BALDSCHUANICUM.

Polygonum is from the Greek, polys, many, and gonu, a knee joint, or many-jointed, and the common name is jointweed or knotweed. Indeed, many polygonums, and there are 150 to 200 species, are weedy plants and of little value if not, like the smartweed, which is a polygonum, a veritable pest. But among the small proportion of species that are of merit for cultivation it is of interest to note one is of special excellence and deserving of far greater attention than it has received. This is Polygonum Baldschuanicum.

Though first described by Regel in 1884 and grown to a considerable extent in Europe, Polygonum Baldschuanicum is still comparatively rare. It was first offered by Henry A. Dreer in 1900 and at Riverton it is considered one of the most interesting and showy of hardy climbers. Attention is directed to it afresh by the return from Europe of George C. Perkins, of Jackson & Perkins Co., Newark, New York, bringing the photograph reproduced herewith, taken in August in the nursery of Charles Detriche, at Angers, France. In speaking of the things of interest encountered on his trip, Mr. Perkins said: "I especially admired Polygonum Baldschuanicum, a climbing plant with bronzy white flowers, produced in great abundance all through the late spring and the entire summer. When I was across last year, I saw it in full bloom in May, and this year, during the latter part of August, it was a mass of flowers. I am told that it is hardy, it plainly is of strong, vigorous growth, and it seemingly would make a valuable addition to our climbing flowering plants."

Polygonum Baldschuanicum is a native of Bokhara and, while it is listed in few of the catalogues published in the United States, it is described in many of the books issued for the American trade by European plantsmen. It is a tall perennial climber, going sometimes twenty feet high. It becomes woody at the base. The leaves are cordate-oval or hastate, acuminate, slender-petioled. The flowers are small but extremely numerous, in terminal panicles, erect or drooping, by some described as white, bronzy white, or by others as rose-colored. It is said to be not only hardy but vigorous in growth and strikingly decorative.

It will be of interest if those who have grown it in this country will tell what their experience has been, for it seems remarkable that with so many people on the lookout for new plants of merit this should remain so comparatively little known.



Polygonum Baldschuanicum.

MILWAUKEE.

The Market.

The inclement weather during the last week, no doubt, was the cause for the inactivity of the flower business in this locality. For a whole week, since December 5, the mercury was down around the zero mark, even dropping to seven below, Tuesday night, December 7, thus cutting receipts considerably. But its the lack of sunshine, for it has been cloudy for two weeks straight, that is being more regretted than anything else, because in many cases, it will retard a good many buds, which, with favorable weather, could be had for the holiday trade. Stock, which of late showed the effects of the moderate weather, is bracing up nicely since the cold weather set in.

At every turn now the topic of discussion is the Christmas trade. From present indications it looks as though everybody will get his share. There are more flowering plants than in former years, which may come in handy should the supply of cut flowers be inadequate. The holly, which has arrived thus far, is of good quality.

Various Notes.

Roy Currie, speaking for Currie Bros. Co., says that the demand for holly wreaths is good, considering the early date; also, that they have an exceptionally fine lot of azaleas among their stock of pot plants, which consists of a large variety.

William Zimmermann is authority for the statement that, mainly, violets and sweet peas were used in corsage bouquets, worn at the recent charity ball. In speaking of funeral work, he said that there was none to speak of during the last week.

The C. C. Pollworth Co., which also grows a variety of pot stock besides roses and carnations for the wholesale trade, says that the sale of poinsettias and Begonia Gloire de Lorraine has been brisk. Their salesrooms are well filled with florists' supplies.

The Holton & Hunkel Co. is kept busy these days booking advance orders, which are running way ahead of expectations, especially in carnations. Says Fred Holton, "If we can only get the stock, then we'll be happy." They have a house 27x150 filled with poinsettias, mostly in pans, at their Humboldt avenue place, which is a grand sight at this time and of which they can justly feel proud.

The Edlefsen, Leidger Co., which always does a big plant trade for the holidays, again has its usual supply of stock in better shape than in former seasons.

Chas. Schnell, of the L. S. Donaldson Co., Minneapolis, Minn., was with us the fore part of the week, looking for Christmas stock, not only at the wholesale houses, but also visiting some of the growers. He expressed himself as well satisfied with all he saw.

Mrs. R. E. Miller, of the Racine Floral Co., Racine, Wis., and J. Bourgaise, Racine, Wis., came up to do some of their Christmas buying and ordering.

It has just leaked out that an unsuccessful attempt was recently made to burglarize the office of the Holton & Hunkel Co. The party or parties gained entrance through a window at the rear of the store. A mess of working clothes, belonging to the store help, was found in front of the safe and a lock at one of the desks had been tampered with. They undoubtedly were disturbed at their work, for they left, failing to take some money which had unintentionally been left on the desk. Although there was no loss, it serves as a warning to all to take extra precautions, especially during a holiday rush, as two other burglaries were committed in the immediate vicinity on that same night. E. O.

NEW YORK.

The Market.

Genuine winter weather is here, and a healthful tone pervades the cut flower market. There is no longer an oversupply of anything. Prices have hardened and the quality of the goods is now perfect.

Last week was dull until Saturday. Then the change for the better was marked. Beauties were in wide demand and a few specials reached record figures for the season to date. Of other roses, some remarkable stock of My Maryland, Killarney and Richmond is arriving; 42-inch stems are seen on these specialties and great is the demand for them. Bride and Maid, however, are not relegated to the discard by any means, and the best of them were worth 10 cents to 12 cents on Saturday, with 8 cents as a fair price for good stock. These prices may not be maintained this week, when Christmas shopping makes the multitude forget flowers completely.

The demand for orchids cleans up the market daily at good figures, and the out-of-town call is persistent. Nothing to compare with the Christmas display of orchids has ever been seen in New York. The cypripedium supply is abundant and of splendid quality and variety. There will be few chrysanthemums left for the holidays, and these are already spoken for.

Carnations are nearly all top-notchers now. Even the smaller growers are planting only the best varieties. The supply is enormous, but it all goes. If there is any surplus, the big speculators and the department stores sweep it off the boards. Prices have been satisfactory and the red varieties short of the demand. Alma Ward and Winsor seem to be the favorites of the white and pink novelties, though the latter is a novelty no longer. Lilies are going up and valley is strong at 3 cents to 4 cents, with the selected Long Island stock commanding 5 cents. Violets are now perfect, and for the special bunches of 100, 75 cents to $1 was the general quotation. They are here in millions now.

Of bulbous stock there is an ample supply, and, with the exception of bouquet green, nothing in green goods is wanting. One fortunate wholesaler in Brooklyn secured a three-ton shipment early, which is going at 10 cents to 12 cents a pound. Many are short and roping will sell at double last year's figure.

All things considered, the outlook is bright and cheerful and there seems to be no good reason why wholesaler, retailer and grower should not have the merriest Christmas of their lives.

Club Meeting.

The last meeting of the Florists' Club for the year took place Monday evening, December 13, with President Turner in the chair. The attendance was way above 100 and would have been double that if it had not been for the pouring rain. The special business was the annual election of officers, which resulted as follows:

President—A. L. Miller.
Vice President—Joseph A. Manda.
Treasurer—W. C. Rickards.
Secretary—John Young.
Trustees for two years—H. A. Bunyard, F. R. Pierson, Phil Kessler.
Trustee for one year—Wm. Duckham.

Edwin Pearson, L. J. Reuter and Alfred Demeusy were elected to membership, and F. B. De Forest, W. C. Wright and John Kessler were proposed.

W. H. Siebrecht, Jr., made a comprehensive report for the club's market committee, of which A. L. Miller is chairman, referring to the various meetings of the joint committees at the office of F. H. Traendly, October 27 and 29, at which the advisability of establishing a plant market at Canal and Spring streets was proposed and agreed upon by all. The city title to this land was thoroughly investigated by the attorney for the Plant Growers' Association, in which it was found the city had acquired the land, or part of it, in 1827, the balance of the block later, with the understanding that it could only be devoted to park or market purposes. Mr. Miller said he considered the property the most desirable place for a great city plant market and suggested leasing the land from the city and erecting a building suitable for this purpose. John Birnie suggested the three committees combine, and declared this the only place available in the city, because of its convenience for the early morning trade. After full discussion Patrick O'Mara moved the continuance of the committee, to make a full report at the January meeting, by which time the city authorities will be interviewed and a definite announcement made to the club.

The club's silver and bronze medals offered to the Chrysanthemum Society of America were won by George H. Hale and John W. Head, and the secretary announced their early delivery.

Benjamin Hammond's letter was read, announcing the sending of premium lists for the American Rose Society's meeting in New York and asking local enthusiasm and support in its behalf. C. B. Weathered suggested a committee of three to attend to the entertaining of the society and C. H. Totty, F. R. Pierson and Robert Simpson were appointed. F. H. Traendly, A. L. Miller and C. B. Weathered spoke in behalf of the American Rose Society and F. R. Pierson suggested that funds be provided without drawing on the funds of the club for entertainment purposes. A great meeting is anticipated and a fine banquet already assured. J. H. Pepper referred to the meeting of the American Carnation Society at Pittsburg in January, and a transportation committee of William Duckham, J. H. Pepper and C. B. Weathered was appointed. Quite a number announced their intention of a visit to the smoky city.

The death of John Seligman was reported. J. A. Shaw, W. J. Elliott and John Young was appointed a committee to draw up suitable resolutions.

President Turner announced his intended visit to Europe during the coming year.

The exhibits were excellent and attracted much attention. George Schuneman exhibited five vases of sweet peas. The varieties were Boddington's Snow Bird, and Zvolanek's Mrs. Alex. Wallace, Mrs. Charles H. Totty, Christmas Pink and Florence Denzer, awarded a cultural certificate. Frank E. Whitney, of Fishkill, showed a vase of carnations, Woodenithe, white, which scored eighty-six points and received a preliminary certificate. The Cottage Gardens Co. showed a magnificent vase of Mrs. C. W. Ward carnation, for which the thanks of the club were accorded, it having already secured the club's certificate. Charles Weber showed a vase of white carnations, Seedling No. 14, which scored eighty-two points, and a vase of his new pink, Seedling No. 12, which scored eighty-five points and won the club's preliminary certificate.

The house committee did nobly and a vote of thanks was given J. B. Nugent, Jr., for the turkey and cider from his own farm.

Captain Berry announced a turkey bowling contest for Wednesday evening, December 15, at Thumm's alleys, to which all the club members were invited.

Various Notes.

The plantsmen have already begun to deliver their holiday orders. Some of the biggest growers are completely sold out already.

The F. R. Pierson Co. is sending enormous quantities of Killarney and Winsor to the New York market, while the Alma Ward and Mrs. Ward carnations in addition keep Joseph Millang, the manager of the New York Cut Flower Co., hustling as he never hustled before.

Kessler Bros. are doing a large business in Boston ferns.

Oranges, ericas and camellias from A. Schultheis, of College Point, already brighten many retail windows. This week will leave nothing unsold in his big plant. R. Dreyer's stock has drawn a host of buyers, and at John Scott's David McKenzie says everything in bloom and all the big and medium Scottii are already booked for local delivery.

John Young and some of his friends celebrated his assumption personally of the responsibilities of the big plant at Bedford Station Saturday and Monday, with appropriate ceremonies. The genial wholesaler will be greatly missed, but he will maintain a city office and visit the street weekly and so keep in touch with the happy associations of nearly a quarter century. With the 701-foot houses now and the contemplated carnation range, he will soon have one of the largest cut flower plants in the east. As stated in this column last week, he has arranged with Traendly & Schenck for the disposal of his shipments. Henshaw & Fenrich have been fortunate in securing the fine store so long occupied by Mr. Young.

Moore, Hentz & Nash report a great call for red berries, their annual Christmas specialty.

President Hauck, of the Growers' Cut Flower Co., who lives at Bloomfield, N. J., was in the city several days last week, and with the other members of the company, is enthusiastic over the results to date.

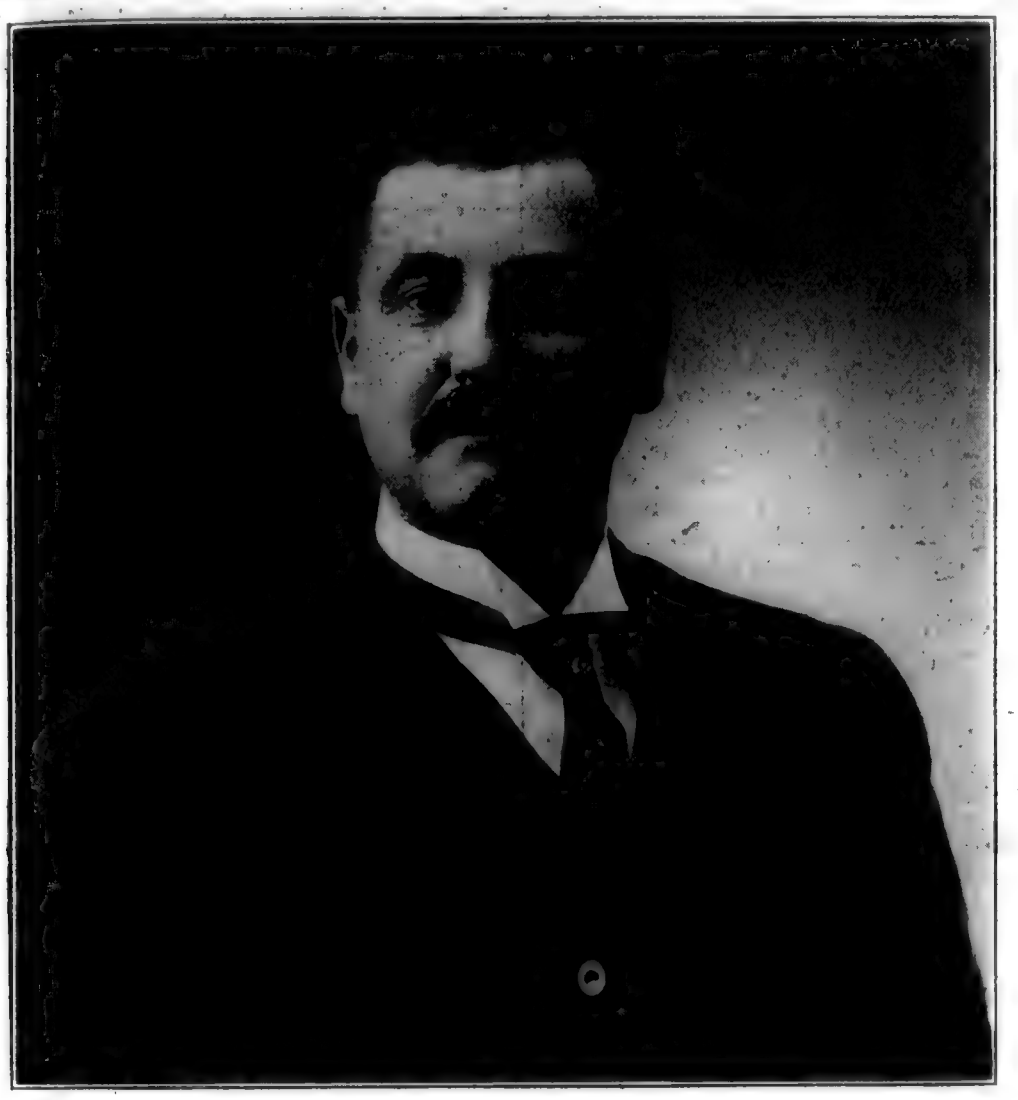
J. K. Allen has some handsome pans of pansies and poinsettias in his windows, an interesting side issue to his regular Christmas trade.

Charles Millang is celebrating his silver jubilee this month—twenty-five years in the wholesale business. In honor of the event, he says he has presented Mrs Millang with a silver tea service.

Myer, on Madison avenue, has taken a branch store on the opposite corner, where he has installed three Japs and two Japanese girls as assistants for the Christmas plant trade, handling imported evergreens and horticultural novelties of many kinds.

David Clarke's Sons are celebrating their sixtieth anniversary, and say this has been the best year of all.

Alex. McConnell says November business was encouraging and he has pre-



Abraham L. Miller.

pared for a big Christmas. He has this season imported heavily for his nursery and finds this branch growing rapidly in importance.

M. A. Bowe will have a Christmas branch store, as usual. A large addition to his force has been made for the holidays.

L. F. Carrillo, of Carrillo & Baldwin, sailed for Colombia to collect orchids last week, and the Brazilian collector of the firm sails Friday, December 17.

Gustave Breckner, of Bayside, L. I., one of the oldest growers of the Cut Flower Exchange, died of heart failure November 21. The business was established by his father over twenty years ago.

Henry Arthur Baker, of H. E. Froment's force, was 45 years old December 2. He started with J. J. Perkins in 1880 and has been in the service of J. K. Allen, Traendly & Schenck and John Young. He has charge of the rose department at Froment's.

Ford Bros. are handling some fine carnations from E. N. Kroninger, of Allentown, Pa., and Henry Hession, of Flatbush.

Lyman B. Craw, of the Lord & Burnham Co., has fully recovered his health and has plunged again into the activities and details of the firm's business.

Bonnet & Blake, in Brooklyn, now are located in a wholesale store that compares favorably with any in either city in size and appointments. Double the business of 1908 is their estimate of the present year.

The Greater New York Florists' Association, under the management of George W. Crawbuck, has made steady progress during the last year, and Mr. Crawbuck says everything is far beyond the growth anticipated.

August Millang has changed the title of his big store from Millang Bros. to his name.

Lager & Hurrell are shipping a large assortment of orchids to James McManus, who says the advance orders for the holidays exceed those of any of the twelve years of orchid history making in which he has been engaged.

A. J. Guttman reports a November business forty-five per cent above that of the same month last year.

James Scott, of Elmsford, is receiving congratulations because of the stork's visit, Sunday, December 12, with a baby girl.

A. C. Zvolanek, of Bound Brook, N. J., starts Tuesday, December 21, for his annual visit to California.

Notwithstanding the inclement weather, a considerable number of those interested in insecticides gathered at the Manhattan Flower Market, on West Twenty-eighth street, Monday afternoon, December 13, to witness a test of Aphine. Palms covered with scale, coleus with mealy bug, and mums with black and green fly in abundance were operated upon successfully, with R. M. Schultz as master of ceremonies. Roses, carnations and chrysanthemum flowers were also dipped in the pure product at its full strength, to show its harmlessness to everything except the insect pests. It was stated that G. E. Talmadge is no longer with the company that bears his name and that the manufacture and sale of Aphine is now in full charge of Treasurer Ebel.

The annual meeting of the New York and New Jersey Association of Plant Growers was held December 7 and the following officers were elected: President, Julius Roehrs, Jr., Rutherford, N. J.; vice-president, A. L. Miller, Brooklyn, N. Y.; secretary, W. H. Siebrecht, Jr., Astoria, N. Y.; treasurer, H. C. Steinhoff, West Hoboken, N. J.; directors, Louis Dupuy, Whitestone, N. Y.; F. R. Pierson, Tarrytown, N. Y.; Julius Roehrs, Sr., Rutherford, N. J., and David McKenzie, Flatbush, N. Y.

Bowling.

The Astoria Club bowled Tuesday evening, December 7. Even Captain Berry, of the New York Club, has concluded patience is no longer a virtue and has joined the Astorias. The probability now is that Astoria will represent the New York Florists' Club at the next convention. The scores of Tuesday were as follows:

Player—	1st.	2d.	3d.	4th.
Miesem	154	152	158	181
Donaldson	196	138	161	109
Siebrecht	164	127	137	127
Henry Siebrecht	130	122	118	120
Siebrecht, Jr.	122	155	136	144
Lorenz	122	112	129	104
Peter	131	160	138	144
Alfred	131	166	120	186
Berry	110	129	128	143
Arnold	118	121	117	111
Donaldson, Jr.	135	161	124	150
Schleth	167	139	151	149
Tollman	140	165	104	134
Doerhoefer	112	175	156	150
Einsman	152	196	168	175

J. AUSTIN SHAW.

A. L. MILLER.

It seems to be really a correct principle, as well as a generally accepted one, that the men who have been energetic and successful in their chosen trade have thus given pretty good evidence of their ability to serve efficiently as officers of that trade's societies or clubs, if—"ay, there's the rub"—if such men do not refuse the offices because they cannot spare the time to give any attention to club affairs. The New York Florists' Club must be considered fortunate, therefore, in securing Abraham Lincoln Miller as its president for 1910. He surely has the qualification, also, of being well acquainted with the club, its methods, its aims and its needs, for he has been a member of it for more than twenty years.

Mr. Miller was born May 1, 1865, in East New York, now part of Brooklyn and of Greater New York. Forty-five years ago his father, Henry Miller, founded the modest establishment which formed the beginning of the present prosperous business at 290 Jamaica avenue, Brooklyn. Twelve years ago the father retired and was succeeded by his son, the subject of this sketch. The new proprietor, having a clear insight into the probabilities of the future and perceiving the opportunities for expansion that existed in the florists' trade, began at once to enlarge his facilities. He erected several more houses and, as business increased, he bought thirteen acres of land at Jamaica, L. I., establishing there a business in conjunction with the East New York business. On the newly purchased ground he built some greenhouses, gradually increasing the size of the range until it now contains about 50,000 square feet of glass, where he grows Christmas and Easter plants, carnations and cut flowers. On this thirteen-acre tract he also has one of the largest and finest collections of herbaceous and nursery stock on Long Island.

CINCINNATI, O.—The greenhouses of J. T. Conger, at Hartwell, were recently damaged by fire to the extent of about $500. Prompt action by the fire department saved them from complete ruin.

OBITUARY.

William K. Harris.

William K. Harris passed peacefully away at his home in West Philadelphia at 10 a. m., Monday, December 13, after a long illness. A devoted husband and father, a warm friend, a skilful grower, an able man of business, he is mourned by all who knew and loved him. Self-made, earnest, hard-working, farseeing, of the highest integrity, William K. Harris represented what is best in the world of flowers. A florist for forty-two years, a leader in his profession, with a reputation far wider than local, his loss will be keenly felt by many and his memory will be cherished in their hearts for years to come.

William K. Harris was born in Philadelphia March 10, 1838. His father, a seafaring man, apprenticed him at the age of 7 to a New Jersey farmer, who treated him harshly. The boy ran away when 9 years old, returning to Philadelphia, where he worked for Robert Dunk, a basket-maker and florist. He became a good basket-maker and continued with his employer for many years. Plants were at that time only a side issue, serving to keep the wolf from the door. As the boy grew into a man his love for plants increased. April 1, 1867, he commenced business as a florist in a small way, with the greenhouses of William Hobson, a botanist, at Fifty-fifth street and Darby road. Here Mr. Harris grew geraniums, fuchsias and heliotropes in pots for sale in the spring—not ordinary stock, but of such fine quality that, when Robert Buist saw them, he said it was odd that the best geranium grower in the country was a basket-maker. Basket-making was still kept up, gradually giving way to plants and flowers.

Mr. Harris was a keen observer and progressive. He soon had the best varieties of geraniums and other flowering plants in quantity. Everything that he grew was grown well. When competition brought down the price of geraniums, other things were tried. For years a house of Stevia serrata was grown for Christmas. Roses were tried, but with the exception of some wonderfully successful Jacqueminots, they did not do well and were dropped. William K. Harris never fooled with crops that did not pay. Another objection to the roses was that they stayed too long in the houses. Mr. Harris liked to clear up a house quickly, then follow with another crop. Pandanus Veitchii was a great money-maker; so were rubbers. He was a pioneer with the branching type. Then came the lilies, an opportunity quickly grasped. The story of the hit made by Lilium Harrisii is well known all over the country. The chrysanthemums, too, gave him a splendid field. Ivory, Miss Minnie Wanamaker, Mrs. Frank Thomson, Miss Florence Harris, Our Dear Friend, are a few of the best known productions of his camel's-hair brush.

April 1, 1891, Mr. Harris moved to his present place at Fifty-fifth street and Springfield avenue, where he erected the first houses of his present fine range. Two of these houses are of plate glass. They made a stir when they were built; in fact, they are still believed to be the only commercial plate glass houses in the country. Everyone gave Mr. Harris credit for being extraordinarily prosperous. He at once rose to the front rank among the growers. As a matter of fact, these plate glass houses were not the expensive luxury people supposed. A lull in the market enabled Mr. Harris to buy this plate glass at a low figure. Under its flawless panes he has colored Pandanus Veitchii and fruited Otaheite oranges in a way to excite the admiration of the critics. Mr. Harris' sagacity and skill in rotating crops is shown in his management of the shamrock. These little Irish favorites were sown, grown and sold in increasing quantities each year, just in time to make room for the final pre-Easter spread of azaleas, hydrangeas, genistas, spiræas and other flowering stock, for which he is famous. Many other things might be mentioned, the great specimen bougainvilleas and the sport named after himself, the ferns of Boston type, the daffodils, primulas, buttercups. Enough has been written to show what Mr. Harris has done and wherein lay his success. May it inspire others to labor faithfully to elevate our flower business standard.

Mr. Harris has been president of the Philadelphia Florists' Club and of the Philadelphia Wholesale Flower Market. He wrote verses, loved bowling and thoroughly enjoyed social gatherings. He is survived by a widow, two daughters and one son, William K. Harris, Jr., who with his brother-in-law, Mark B. Mills, have for many years lightened his business cares.

PHIL.



William K. Harris.

John H. Myers.

John H. Myers, a member of the well-known firm of Myers Bros., of Altoona, Pa., died December 8, as a result of drinking a large quantity of sulphuric acid, which he mistook for medicine that was near by. He was removed in an unconscious condition to the Altoona hospital, where he died within a few hours.

William S. Phelps.

W. S. Phelps, for about seven years senior member of the firm of W. S. Phelps & Sons, South Framingham, Mass., died December 6 at the age of 78 years. The plant at one time operated by the deceased is now in the hands of Lemoine Bros. Mr. Phelps grew carnations and chrysanthemums and forced large quantities of bulbous stock while in the business.

Sewall Fisher.

Sewall Fisher, one of the pioneer hybridizers of carnations, well known to the trade fifteen to twenty years ago, died in Boston, at the home of his daughter, December 5, in his seventy-sixth year. The deceased gentleman located in Framingham, near the present plant of William Nicholson, in 1869, and during the late eighties and early nineties raised and introduced quite a number of seedling carnations. Among these were: Crystal, white; Mary Fisher, variegated; Saxon, scarlet; Seber, crimson; Mrs. Fisher, white, one of the most popular of its color for several years, a fine outdoor bloomer and still grown in some places. It is doubtful if any carnation gave a greater number of flowers, although many were in those days sold as shorts. Florence, scarlet, was much esteemed for several years, while Anna Webb was the leading crimson of its day and twenty years ago, with Grace Wilder, Silver Spray, Heinze's White, Portia, Tidal Wave and Astoria, was the variety mostly in evidence.

Mr. Fisher retired from business some years ago and, while living quietly in Boston, was a frequent visitor at the various exhibitions in Horticultural hall. He was a member of the Massachusetts Horticultural Society and keenly interested in flowers, particularly carnations, until the last. The interment was at Edgell Grove cemetery, Framingham, December 6, when a number in the trade among others gathered to pay the deceased their last tribute of esteem.

W. N. CRAIG.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.



BALDWINSVILLE, MASS.—Gerry Blodgett has torn down his greenhouse and erected a larger one, 20x150 feet.

NEWTON CENTER, MASS.—Fire destroyed a small greenhouse December 5, at the residence of John McCarthy.

DUBUQUE, IA.—W. A. Harkett is sending his customers and others a handsome hanger in many colors, showing a splendid vase of carnations.

RICHMOND, IND.—E. G. Hill lectured on plant breeding, with special reference to rose hybridization, before the students of Earlham college December 9.

MANCHESTER, MASS.—The greenhouse which Roberts & Hoare have been building at Eaglehead is now nearly completed. The building includes a cold storage house and boiler house.

MICHIGAN CITY, IND.—Wm. A. Kintzele, who conducts the Floral Confectionery, says that business has increased wonderfully since he moved into the Grand Opera House building.

WEST NEWBURY, MASS.—The business formerly conducted by the late T. C. Thurlow and his sons has been incorporated as T. C. Thurlow's Sons. The capital stock is $15,000. The peony is one of the leading specialties.

ELWOOD, IND.—The marriage, November 29, of Mrs. Laura M. Duebendorfer to Chas. E. Stone, of Chicago, came as a surprise to their friends. Mrs. Duebendorfer has conducted the establishment at 1918 Main street for a number of years.

PAINESVILLE, O.—Werner Bros. have donated a large quantity of yuccas and Japanese ornamental grasses to the city for park purposes. The park department is giving special attention to the culture of yuccas at Baldwin park.

RAPID CITY, S. D.—James Glendinning has removed to the room on St. Joe street formerly occupied by the Boston store. This is a much better location than the former one, being nearer the business section and easier of access. The new store also contains better facilities for the display of stock.

WYOMISSING, PA.—It is said that the greenhouses of Heck Bros., Frank D. Shearer and Charles C. Stitler have lately been thronged daily with visitors, viewing the displays of chrysanthemums, which are of immense size. Heck Bros.' leaders are pink and Mr. Shearer's leader is a beautiful yellow.

FORT WAYNE, IND.—Miss C. B. Flick has installed a handsome fountain in the center of her store. The large basin of the fountain affords excellent space for the artistic display of plants and flowers. Some beautiful specimens of Italian ware, recently received, also add to the attractiveness of the store.

NORWELL, MASS.—Edward Jacobs is building a greenhouse, to be used for forcing rhubarb.

WESTPORT, N. H.—H. H. Bolles is erecting another greenhouse at his range on Hyponeco street.

MADISON, IND.—L. E. Hitz has worked up a stock of several hundred plants of that seldom seen plant of merit, Begonia incarnata.

ADA, O.—Henry Young has sold his greenhouses and business to J. H. Milnor & Son. It is understood that the houses will be torn down and moved away in the spring.

SCRANTON, PA.—John M. Brown and Joseph Kilpatrick have entered into partnership and will start a flower business in the Poll building, in this city. The firm name will be Brown & Co.

FREEPORT, ILL.—John Bauscher, Jr., has completed the new section of his greenhouses. This addition, which measures 63x310, was greatly needed on account of the rapid increase in business.

SPRINGFIELD, MO.—The Springfield Seed Co. is making several improvements in its equipment, including the construction of a seed testing laboratory and the installation of a new refrigerator for the display of cut flowers.

LANSING, MICH.—Fred Marquart, who has been connected with the Michigan Agricultural College, is about to form a partnership with Mrs. D. Dingman, of Portland, Mich. A greenhouse, to cost about $1,000, is now being erected.

WAKEFIELD, MASS.—Charles C. Ball, who purchased the H. E. Wiley property and began business here last summer, now has a prosperous trade. He remodeled the greenhouses and now has the whole establishment in excellent condition.

MARION, IND.—The greenhouse near the corner of Mill and Second streets, owned by Jos. Shane, was slightly damaged by a wind storm recently. The wind tore away and broke a large number of panes of glass, damaging the greenhouse to the extent of at least $30.

ROCKVILLE, CONN.—The partnership of Calverly & Risley has been dissolved by mutual consent, Mr. Risley retiring from the firm. The firm has been in business here for eight months and has greenhouses on Annawan street, Hartford. The business will be continued by Calverly & Co.

NEW CASTLE, IND.—Some property owned by Peter Weiland, of Weiland & Olinger, and located about a mile west of this city, was recently destroyed by fire. A new barn, a horse, thirty tons of hay, over 200 bushels of grain and some farming implements were consumed by the flames. The loss was about $3,500, with insurance to the amount of $1,800.

BURLINGTON, VT.—C. E. Gove has installed a new boiler at his greenhouses on Shelburne street.

SPRING FORGE, PA.—William Ness has just completed a greenhouse 24x100 and will cover an acre with glass as soon as the weather will permit.

GREENFIELD, MASS.—E. W. Todd has built a greenhouse, 20x60, on Harrison avenue, and will use it for growing vegetables, violets and other flowers.

NEW HAVEN, CONN.—The greenhouses of the Edward Malley estate, on Derby avenue, were recently damaged by fire. The loss was about $500, mostly due to smoke and water.

NEWBURGH, N. Y.—Henry C. Spengler, Jr., has added greatly to his facilities, on the Cochecton turnpike a mile west of this city, by the erection of a new greenhouse, 30x100 feet.

ROCKPORT, ME.—A recent fire at the establishment of George Glarentzel destroyed his greenhouses and a wing of his residence. The loss on the residence was covered by insurance, but there was no insurance on the greenhouses.

WAKEFIELD, R. I.—The greenhouse on the Shadow Farm, owned by Edward L. Welsh, has been destroyed by fire. Conrad Vernstrom, the gardener, succeeded in removing some of the palms and ferns before the fire reached its height.

COUNCIL BLUFFS, IA.—It is reported that Roy Wilcox, oldest son of J. F. Wilcox and associated with his father in the business, has induced the daughter of their nearest neighbor to name a day in February.

TORONTO, ONT.—J. H. Dunlop has sent out a handsome and unusual Christmas greeting to his retail trade. A special cover carries a winter scene. Within, and attached merely by a band and bow of 2-inch wide red ribbon, is a four page price list of cut flowers and plants, combined with which is a little talk on the appropriateness of florists' stock as Christmas gifts and information as to Dunlop's facilities for making telegraph deliveries in distant places.

PORTLAND, ME.—E. J. Harmon & Co., formerly on Congress street, have recently opened their new store in the Baxter block. This is said to be the finest appointed and most up-to-date florists' store in New England, and compares favorably with any in the country. One feature that is sure to attract much attention is the electric fountain and fish pond which is in one of the windows. This fountain runs itself, the colored slides passing across underneath the illuminated water by the use of clock work. The little jets are all brilliantly lighted up, and together with the many fish swimming about in the tank below, make an especially attractive display.

OBITUARY.

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William K. Harris passed peacefully away at his home in West Philadelphia at 10 a. m., Monday, December 13, after a long illness. A devoted husband and father, a warm friend, a skilful grower, an able man of business, he is mourned by all who knew and loved him. Self-made, earnest, hard-working, farseeing, of the highest integrity, William K. Harris represented what is best in the world of flowers. A florist for forty-two years, a leader in his profession, with a reputation far wider than local, his loss will be keenly felt by many and his memory will be cherished in their hearts for years to come.

William K. Harris was born in Philadelphia March 10, 1838. His father, a seafaring man, apprenticed him at the age of 7 to a New Jersey farmer, who treated him harshly. The boy ran away when 9 years old, returning to Philadelphia, where he worked for Robert Dunk, a basket-maker and florist. He became a good basket-maker and continued with his employer for many years. Plants were at that time only a side issue, serving to keep the wolf from the door. As the boy grew into a man his love for plants increased. April 1, 1867, he commenced business as a florist in a small way, with the greenhouses of William Hobson, a botanist, at Fifty-fifth street and Darby road. Here Mr. Harris grew geraniums, fuchsias and heliotropes in pots for sale in the spring—not ordinary stock, but of such fine quality that, when Robert Buist saw them, he said it was odd that the best geranium grower in the country was a basket-maker. Basket-making was still kept up, gradually giving way to plants and flowers.

Mr. Harris was a keen observer and progressive. He soon had the best varieties of geraniums and other flowering plants in quantity. Everything that he grew was grown well. When competition brought down the price of geraniums, other things were tried. For years a house of Stevia serrata was grown for Christmas. Roses were tried, but with the exception of some wonderfully successful Jacqueminots, they did not do well and were dropped. William K. Harris never fooled with crops that did not pay. Another objection to the roses was that they stayed too long in the houses. Mr. Harris liked to clear up a house quickly, then follow with another crop. Pandanus Veitchii was a great money-maker; so were rubbers. He was a pioneer with the branching type. Then came the lilies, an opportunity quickly grasped. The story of the hit made by Lilium Harrisii is well known all over the country. The chrysanthemums, too, gave him a splendid field. Ivory, Miss Minnie Wanamaker, Mrs. Frank Thomson, Miss Florence Harris, Our Dear Friend, are a few of the best known productions of his camel's-hair brush.

April 1, 1891, Mr. Harris moved to his present place at Fifty-fifth street and Springfield avenue, where he erected the first houses of his present fine range. Two of these houses are of plate glass. They made a stir when they were built; in fact, they are still believed to be the only commercial plate glass houses in the country. Everyone gave Mr. Harris credit for being extraordinarily prosperous. He at once rose to the front rank among the growers. As a matter of fact, these plate glass houses were not the expensive luxury people supposed. A lull in the market enabled Mr. Harris to buy this plate glass at a low figure. Under its flawless panes he has colored Pandanus Veitchii and fruited Otaheite oranges in a way to excite the admiration of the critics. Mr. Harris' sagacity and skill in rotating crops is shown in his management of the shamrock. These little Irish favorites were sown, grown and sold in increasing quantities each year, just in time to make room for the final pre-Easter spread of azale hydrangeas, genistas, spiraeas and oth flowering stock, for which he is famo Many other things might be mention the great specimen bougainvilleas a the sport named after himself, the fer of Boston type, the daffodils, primul buttercups. Enough has been written show what Mr. Harris has done a wherein lay his success. May it inspi others to labor faithfully to elevate o flower business standard.

Mr. Harris has been president of t Philadelphia Florists' Club and of t Philadelphia Wholesale Flower Mark He wrote verses, loved bowling a thoroughly enjoyed social gatherings. H is survived by a widow, two daughte and one son, William K. Harris, Jr., w with his brother-in-law, Mark B. Mil have for many years lightened his bus ness cares.

PHIL.



William K. Harris.

John H. Myers.

John H. Myers, a member of the we known firm of Myers Bros., of Altoon Pa., died December 8, as a result o drinking a large quantity of sulphur acid, which he mistook for medicine tha was near by. He was removed in an u conscious condition to the Altoona hos pital, where he died within a few hours

William S. Phelps.

W. S. Phelps, for about seven years senior member of the firm of W. S Phelps & Sons, South Framingham Mass., died December 6 at the age of 78 years. The plant at one time operate by the deceased is now in the hands o Lemoine Bros. Mr. Phelps grew carna tions and chrysanthemums and force large quantities of bulbous stock whil in the business.

Sewall Fisher.

Sewall Fisher, one of the pioneer hybridizers of carnations, well known t the trade fifteen to twenty years ago died in Boston, at the home of his daugh ter, December 5, in his seventy-sixt year. The deceased gentleman locate in Framingham, near the present plac of William Nicholson, in 1869, and dur ing the late eighties and early ninetie raised and introduced quite a number o seedling carnations. Among these were Crystal, white; Mary Fisher, variegated Saxon, scarlet; Seber, crimson; Mr Fisher, white, one of the most popul of its color for several years, a fine out door bloomer and still grown in som places. It is doubtful if any carnatio gave a greater number of flowers, a though many were in those days sold a shorts. Florence, scarlet, was much e teemed for several years, while Ann Webb was the leading crimson of its da and twenty years ago, with Grace Wilde Silver Spray, Heinze's White, Porte Tidal Wave and Astoria, was the variet mostly in evidence.

Mr. Fisher retired from business sev years ago and, while living quietly Boston, was a frequent visitor at t various exhibitions in Horticultural ha He was a member of the Massachuset Horticultural Society and keenly inte ested in flowers, particularly carnation until the last. The interme was Edgell Grove cemetery, Framingham, D cember 6, when a number in the tra among others gathered to pay their c ceased their last tribute of esteem.

W. N. CRAIG.

The Review sends Scott's Florist Manual postpaid for $5.

NEWS, NOTES, AND COMMENTS

BALDWINSVILLE, MASS.- Gerry Blod has torn down his greenhouse and ted a larger one, 20x150 feet.

NEWTON CENTER, MASS.—Fire de- yed a small greenhouse December 5, the residence of John McCarthy.

DUBUQUE, IA.—W. A. Harkett is send- his customers and others a handsome ger in many colors, showing a splendid e of carnations.

RICHMOND, IND.—E. G. Hill lectured plant breeding, with special reference ose hybridization, before the students Earlham college December 9.

MANCHESTER, MASS.—The greenhouse ich Roberts & Hoare have been build- at Eagle head is now nearly com- ted. The building includes a cold rage house and boiler house.

MICHIGAN CITY, IND.—Wm. A. Kint- e, who conducts the Floral Confection- y, says that business has increased won- rfully since he moved into the Grand pera House building.

WEST NEWBURY, MASS.—The business rmerly conducted by the late T. C. hurlow and his sons has been incor- rated as T. C. Thurlow's Sons. The apital stock is $15,000. The peony is ne of the leading specialties.

ELWOOD, IND.—The marriage, Novem- r 29, of Mrs. Laura M. Duebendorfer Chas. E. Stone, of Chicago, came as a surprise to their friends. Mrs. Duebendorfer has conducted the establishment at 918 Main street for a number of years.

PAINESVILLE, O.—Werner Bros. have nated a large quantity of yuccas and Japanese ornamental grasses to the city r park purposes. The park depart- ent is giving special attention to the ture of yuccas at Baldwin park.

RAPID CITY, S. D.—James Glendinning s removed to the room on St. Joe street rmerly occupied by the Boston store. is is a much better location than the mer one, being nearer the business tion and easier of access. The new e also contains better facilities for display of stock.

WYOMISSING, PA.—It is said that the nhouses of Heck Bros., Frank D. rer and Charles C. Stitler have lately n thronged daily with visitors, view- the displays of chrysanthemums, ch are of immense size. Heck Bros.' ers are pink and Mr. Shearer's er is a beautiful yellow.

FORT WAYNE, IND.- Miss C. B. Flick installed a handsome fountain in the r of her store. The large basin of fountain affords excellent space for artistic display of plants and flowers. beautiful specimens of Italian recently received, also add to the ctiveness of the store.

NORWELL, MASS. Edward Jacobs is building a greenhouse, to be used for forcing rhubarb.

WESTPORT, N. H.—H. H. Bolles is erecting another greenhouse at his range on Hyponeco street.

MADISON, IND.—L. E. Hitz has worked up a stock of several hundred plants of that seldom seen plant of merit, Begonia incarnata.

ADA, O.—Henry Young has sold his greenhouses and business to J. H. Milnor & Son. It is understood that the houses will be torn down and moved away in the spring.

SCRANTON, PA.—John M. Brown and Joseph Kilpatrick have entered into partnership and will start a flower business in the Poll building, in this city. The firm name will be Brown & Co.

FREEPORT, ILL.—John Bauscher, Jr., has completed the new section of his greenhouses. This addition, which measures 63x310, was greatly needed on account of the rapid increase in business.

SPRINGFIELD, MO.—The Springfield Seed Co. is making several improvements in its equipment, including the construction of a seed testing laboratory and the installation of a new refrigerator for the display of cut flowers.

LANSING, MICH.—Fred Marquart, who has been connected with the Michigan Agricultural College, is about to form a partnership with Mrs. D. Dingman, of Portland, Mich. A greenhouse, to cost about $1,000, is now being erected.

WAKEFIELD, MASS.- Charles C. Ball, who purchased the H. E. Wiley property and began business here last summer, now has a prosperous trade. He remodeled the greenhouses and now has the whole establishment in excellent condition.

MARION, IND.- The greenhouse near the corner of Mill and Second streets, owned by Jos. Shane, was slightly damaged by a wind storm recently. The wind tore away and broke a large number of panes of glass, damaging the greenhouse to the extent of at least $30.

ROCKVILLE, CONN. The partnership of Calverly & Risley has been dissolved by mutual consent, Mr. Risley retiring from the firm. The firm has been in business here for eight months and has greenhouses on Annawan street, Hartford. The business will be continued by Calverly & Co.

NEW CASTLE, IND. Some property owned by Peter Weiland, of Weiland & Olinger, and located about a mile west of this city, was recently destroyed by fire. A new barn, a horse, thirty tons of hay, over 200 bushels of grain and some farming implements were consumed by the flames. The loss was about $3,500, with insurance to the amount of $1,800.

BURLINGTON, VT. C. E. Grove has installed a new boiler at his greenhouses on Shelburne street.

SPRING FORGE, PA.- William Ness has just completed a greenhouse 24x100 and will cover an acre with glass as soon as the weather will permit.

GREENFIELD, MASS.- E. W. Todd has built a greenhouse, 20x60, on Harrison avenue, and will use it for growing vegetables, violets and other flowers.

NEW HAVEN, CONN.- The greenhouses of the Edward Malley estate, on Derby avenue, were recently damaged by fire. The loss was about $500, mostly due to smoke and water.

NEWBURGH, N. Y.- Henry C. Spengler, Jr., has added greatly to his facilities on the Cochecton turnpike a mile west of this city, by the erection of a new greenhouse, 30x100 feet.

ROCKPORT, ME.—A recent fire at the establishment of George Glarentzel destroyed his greenhouses and a wing of his residence. The loss on the residence was covered by insurance, but there was no insurance on the greenhouses.

WAKEFIELD, R. I.—The greenhouses on the Shadow Farm, owned by Edward L. Welsh, has been destroyed by fire. Conrad Vernstrom, the gardener, succeeded in removing some of the palms and ferns before the fire reached its height.

COUNCIL BLUFFS, IA.—It is reported that Roy Wilcox, oldest son of J. F. Wilcox and associated with his father in the business, has induced the daughter of their nearest neighbor to name a day in February.

TORONTO, ONT.—J. H. Dunlop has sent out a handsome and unusual Christmas greeting to his retail trade. A special cover carries a winter scene. Within, and attached merely by a band and bow of 2-inch wide red ribbon, is a four page price list of cut flowers and plants, combined with which is a little talk on the appropriateness of florists' stock as Christmas gifts and information as to Dunlop's facilities for making telegraph deliveries in distant places.

PORTLAND, ME. E. J. Harper & Co., formerly on Congress street, have recently opened their new store in the Baxter block. This is said to be the finest appointed and most up-to-date florists' store in New England, and compares favorably with any in the country. One feature that is sure to attract much attention is the electric fountain and fish pond which is in one of the windows. This fountain runs itself, the water slides passing across underneath, illuminated water by the use of clock work. The little jets are all brilliantly lighted up, and together with the many fish swimming about in the tank below, make an especially attractive display.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1909: President, J. A. Valentine, Denver, Colo.; vice-president, E. G. Gillett, Cincinnati, O.; secretary, Willis N. Rudd, Morgan Park, Ill.; treasurer, H. B. Beatty, Pittsburg.

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
The Review brings results.

Milwaukee wants the Carnation Society's convention in 1911.

Why is it that some men, always spick and span in personal appearance, do not seem to consider neatness a desirable quality in their greenhouses?

And still we grow. The white paper consumed in printing this issue of the Review weighed 8,642 pounds, or slightly more than four and one-quarter tons.

December usually is the month of lightest supply in the cut flower markets; January and February frequently bring the best and steadiest demand.

Not a few subscribers save themselves the bother of annual renewal by sending the Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

The National Council of Horticulture has begun its season's publicity campaign with articles on Christmas greens. As heretofore, J. H. Burdett, who is secretary of the Horticultural Society of Chicago, is handling the work.

The schedule of premiums for the exhibition of the American Carnation Society to be held at Pittsburg January 26 and 27 has been mailed to members. Others interested will be supplied if they write to Secretary A. F. J. Baur, Indianapolis, Ind.

There is a growing tendency in the trade to allow trade prices on trade quantities sold in a trade way, without stopping to inquire into the identity of the purchaser; but some of the best houses still refuse trade prices to those whose connection with the trade is not known. A printed letterhead usually is accepted as establishing the user's right to trade rates.

William H. Bowker, Boston, is the author of a pamphlet of fifty-two pages, neatly printed, on "Plant Food; Its Sources, Conservation, Preparation and Application," which has proved so full of interest that a second edition was required almost at the date of publication. The pamphlet deals primarily with the subject from the viewpoint of the gardener in the open field, but it contains much of interest for all who are engaged in horticultural pursuits.

A PINK SHASTA?

A subscriber on the Pacific coast writes: "Some time ago we saw a reference in the Review to a pink form of the Shasta daisy. We do not find anyone offering stock. Who has it? We should be glad to hear of any grower who can supply a Shasta daisy of a good, clear pink. We think we need such a daisy in our trade."

The Review will be pleased to pass along the information if someone can help this reader.

PRINTED LETTER-HEADS.

Ting-a-ling-ling went the Review's telephone bell.

"This is So & So, the wholesale specialty house," said the voice. "We have an order from U. B. Careful, florist at Umpteeyalla; what do you know about him? Good for anything he wants, you say? Well, this is a pretty fair order, and he isn't rated. We thought he must be small potatoes, for he hasn't got a printed letterhead. Good, you say? Much obliged. Good-bye."

And then, again:

A Review man dropped into a wholesale florist's. The wholesaler had an opened letter in his hand.

"What do you know about this fellow?"—extending the letter. "Never heard of him? Neither did I; thought you knew 'em all. He wants quite a little jag of stuff. Oh! Well! Guess he's good for it. See what a nice letter-head he's got."

Which doesn't always follow.

But in these two incidents you have both sides of the case.

In this world a good many people take things at face value; they accept them for what they seem, without stopping to look beneath the surface.

CHICAGO.

The Great Central Market.

The Chicago market has suffered a handicap for nearly a week. Following the severe cold, which at the beginning of last week ran 20 degrees below normal for the season, there came a few days of pleasant weather, and business began to improve, but Saturday, December 11, was one of those slushy days that are an obstacle to the transient trade so great a feature of the day, and then sleet, rain, snow and dark skies ruled for four days. The weather conditions scarcely could have been worse for the flower business. Both production and demand were reduced to the minimum.

Everyone in the market feels that if the weather only would settle down to something seasonable, business would boom. The shipping demand continues fair, and local social activities and funeral work are keeping the retailers fairly well occupied; the sentiment is that if we could have pleasant weather the slackening off usually felt just before the holidays would be less apparent this year than usual.

It has been possible to find all the long Beauties required in the last week, but the price has held up well and now is slowly advancing. The only shortage in roses has been White Killarney. A lot of buyers have come to think as well of this for white as the great majority of buyers now do of Killarney for pink; but the growers who planted only in small quantities now have begun to employ all their wood for propagating, so that the receipts of White Killarney are extremely light. Colder weather has brought an improvement in the quality of practically all roses. Killarney is fine and there have been enough to go around. Richmond also is in fine shape, several growers having begun to cut on their Christmas crops. Maryland, Jardine, Cardinal and others have their friends, but are not so much in evidence.

There has been no special feature in the carnation market since last report.

Killarney and RICHMOND

The greater part of our large supply—the largest and finest lot of roses we ever handled at Christmas—are the "special" and "select" grades. Splendid stock of the lengths that are in greatest demand, sure to please your trade. We specially want orders for Killarney—this stock will make friends for you and for us.

If your trade calls for the very best, extra long-stemmed roses, order our "extra special" Killarney and Richmond—nothing better ever offered—Killarney with 30 to 36-inch stems, Richmond 30 to 48 inches. A big supply of this grade.

Carnations

We will have an extra heavy cut of Carnations and the quality is right up to top notch—no danger of not getting your order filled if you send it to us. A larger proportion of Red than ever before at Christmas.

Our Carnations are widely known as always the most uniformly high grade large lot on the Chicago Market.

Beauties

Our Beauties are in crop at the right moment—splendid stock, mostly medium to long. There will be a shortage of Beauties, the crops of many growers being too late. We shall be able to take care of a big lot of orders. Don't wait until someone disappoints you—order of us and make sure.

Violets

We have for years handled the cream of the Hudson River Violets and this year our supply will be larger than ever before. Also the finest fragrant home-grown Singles. Buyers who wanted to make sure of getting the best Violets obtainable have already placed many large orders with us (we never have booked so heavily in advance), but we shall have an enormous supply—and all good. Let **YOUR** order come.

Miscellaneous Stock

Don't overlook the other items you need for your Christmas boxes—Stevia, Paper Whites, Romans, Sweet Peas, Valley, Lilies, Trumpet Narcissi, Bouvardia—we have them all in quantity. Poinsettias that are handled right and will sell fast. We can supply everything you need.

Fancy Valley Always on Hand

Christmas Price List.

AMERICAN BEAUTY	Per doz.
Long stems	$12 00
Stems 24 to 30 inches	$8 00 to 10.00
Stems 15 to 20 inches	5.00 to 6 00
Stems 12 inches	2.00 to 3.00
	Per 100
Killarney, special	$25.00
" select	$15.00 to 20.00
" seconds	8.00 to 12.00
Richmond, special	25.00
" select	15.00 to 20.00
" seconds	8.00 to 12.00
Maid and Bride, special	20 00 to 25.00
" " select	15.00
" " seconds	8.00 to 10.00
Mrs. Field	6 00 to 25.00
My Maryland	6.00 to 25.00
"Extra Special" grades charged accordingly	

CARNATIONS	
Common	4.00 to 5.00
Select, large and fancy	6.00 to 8.00
Red	10.00

MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	2.00
$15 00 to $20.00 per 1000	
" fancy single	2.00
$15.00 per 1000	
Poinsettias, doz., $2.00 to $4 00	
Bouvardia, fancy	4.00 to 6 00
" short.	3 00 to 4.00
Sweet Peas, fancy	1.50 to 2.00
Valley	4.00 to 5.00
Easter Lilies per doz., $2.50	20.00
Callas " 2.00	
Stevia	2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4 00
Narcissus Trumpet Major	5,00

DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri....per 100	2 00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax per doz., $1.50	12.00
Ferns per 1000, 2.00	.25
Galax, bronze " 1.00	.15
" green " 1.00	.15
Leucothoe	.75
Boxwood .35c bunch; $7.50 case	
Mexican Ivy per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

You can wire for anything you are short of in

Christmas Specialties
IN FLORISTS' SUPPLIES

No house in the country is better equipped to handle your rush orders. We have a big line of Supplies—a complete line—no matter what you need, call on us and we will get it off to you by first train.

FANCY HOLLY and WILD SMILAX ready for immediate shipment. Wire your orders.

JAPANESE AIR PLANT

Another big importation just in. The last lot was so fine it didn't last long. This lot is just as good.

CHRISTMAS RIBBON

Red or Foliage Green

No. 5, per bolt	$0.25	No. 22, per bolt	$0.75
No 16, per bolt	.60	No. 40, per bolt	.90
No. 80, per bolt			1.00

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments 19-21 Randolph St., Chicago

Mention The Review when you write.

Receipts have been only moderate in quantity, because of dark skies, and quality suffered in the soft weather, but is now improving. There is a larger proportion of red and white, Enchantress being less in proportion to the total planting than it was last year. This will have an effect on the Christmas market; while buyers can get more red, they also will have to take more white, and Enchantress should later be better property than last season.

Violets have been coming in a little heavier, of splendid quality, and have sold excellently when one considers the unfavorable weather conditions; neither zero nor rain tends to increase the demand for violets.

Chrysanthemums are passing, but there still are enough in the market so that anyone who needs them can be supplied. Some late Bonnaffon are good, but much of the stock is ragged. There will be a few good mums for Christmas. Sweet peas are coming in more abundantly and the stems are getting longer. In another fortnight they will be an important item. Easter lilies and callas are more plentiful. Valley is selling well; some houses say it is scarce. There is a fair demand for mignonette, but not much good stock available. Paper Whites have been a drug, and Romans, while not in large supply, do little better. Stevia is everywhere.

Asparagus, both strings and bunches, are light in supply. Smilax, too, is shortening up. Boxwood is arriving in quantity. Many of the houses already are picking over their ferns.

The gyrations of the bouquet green market have been a theme of discussion. Almost every buyer one meets tells of having been asked $12 to $14 per case, but none will admit having paid those prices; sales are made between $9 and $11, occasionally a little more if the buyer previously has not been polite in his dealings with the seller. This is one of the seasons when a man who wants one crate gets a lower price than the man who wants a couple of tons.

Nearly every wholesale house has had its tale of woe to tell through the freezing of incoming shipments during the almost zero weather last week. The Rhinebeck violets suffered especially. Shipments which left Rhinebeck in Indian summer weather arrived here with the temperature at zero. If there is any one thing a wholesaler hates to do it is to inform a grower that the stock arrived frozen and was a waste. This time, shipments coming just a few miles were caught, and in one case reported the same grower's stock was frozen two days in succession.

Christmas Prospects.

The unfavorable weather conditions of the last few days have given rise to rather more speculation than usual as to the Christmas prospect. Everyone agrees demand will be large, though advance orders are none too heavy; the question is as to the supply. The wisest of prophets is he who says there will be flowers for all buyers; if not the flowers preferred, then some other flowers to take their place.

With good weather there will be a fair crop of Beauties, and the prospect for a shortage is drawing to this market consignments of Beauties from all over the country, from Philadelphia and from Council Bluffs, which are nearly 1,500 miles apart. A fair supply of roses is looked for, but with a big demand. Most of the wholesalers agree that carnations will be the most abundant of the big staple items, but sometimes it turns out that where the market believes one item is to be plentiful and others scarce, the exact opposite proves to be the case. Violets are expected to equal the demand. Poinsettias are considered plentiful; the demand is not strong. Of miscellaneous flowers there will be enough so everyone can get what he wants.

The advance orders in many houses are reported to be light on carnations and also light on the extra long grades of roses; the heaviest orders are for the medium to long roses, especially Killarney and Richmond, with some big local orders for violets.

Once more growers are urged not to pickle. The weather is especially unfavorable to it, and besides the commission man ought to be given a chance to treat his customers as fairly as the growers expect to be treated. No grower would approve if his commission man made returns with checks that were not convertible into money.

Aphine

The new insecticide discovery that kills plant lice of every species.

Effective Indoors and Outdoors

Send for Descriptive Circular

GEORGE E. TALMADGE, Inc.

Madison, N. J.

Mention The Review when you write.

Various Notes.

Wm. H. Arthur, representing the National Clock & Electric Mfg. Co., of St. Louis, Mo., is visiting the trade here.

A. H. Budlong says 1909 has been a much better year for the J. A. Budlong estate than was 1908 or 1907. The latter half of the year has been especially good. Phil Schupp, manager of the store, has been out of town for a week.

H. Bauske is cutting a fine rose crop.

Anton Then has a full crop on a fine house of Richmond and is carrying them cool, to save as many as possible for Christmas.

The Superior Machine and Boiler Works is sending out a 1910 calendar carrying pictures of its hot water boilers, used in many greenhouses, especially in the north end district.

Edwin G. Scott, of Scott Bros., Garfield, Wash., visited relatives and trade

LET THE ORDERS COME

FOR CHRISTMAS CUT FLOWERS

WE HAVE THE STOCK TO FILL THEM

KILLARNEY

Best color, best flower, best stem. If you need strictly fancy stock, we have it. Also shorter lengths of equally good quality.

RICHMOND

Splendid quality in this leading Christmas rose. Fine large flowers, perfect foliage, on all lengths of stem, including the special long, fancy.

ORDER YOUR BEAUTIES OF US

We have a large cut of fine Beauties and the crop will be at its best for Christmas. You can call on us for any quantity.

Also strong on My Maryland; it's a ready seller

CARNATIONS

Day after day and year after year we handle more carnations than any other house in the West. Call on us Now, for Christmas, and all the time. We've got 'em.

MAIDS AND BRIDES

You won't find better roses anywhere than those we are shipping to our customers. Large heads, good color, fine strong stems, clean foliage. Order of us and you will get fine stock.

STEVIA, MIGNONETTE, SWEET PEAS, VALLEY, PAPER WHITES

No Christmas Box is complete without some of these flowers. Mignonette has improved in quality very fast and is fine. Sweet Peas now have good long stems and nice color. Fancy Valley in quantity at all times. Plenty of extra fine Stevia and Paper Whites.

VIOLETS

Violets have for years been one of our leading specialties. We handle largest quantities and from the best growers in the United States. Don't wait to find out that some one else can't supply you, but place your Christmas order with us.

GREENS

Red Berries are fine this year. Finest Delaware Holly. Can supply Boxwood, Galax, Leucothoe, best fancy Ferns and all other greens in any quantity without notice. Also all greenhouse greens. You need these in stock at all times, especially at Christmas. Prices the same as always.

We look for a big Christmas all over the country. Better put in a larger order than last year. Do it now. With orders in early we shall know where we are at and can better take care of the late additions by wire.

Glad to send a Price List if you haven't received one.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS

Carnations, common..... $6.00 per 100
Carnations, fancy..... 8.00

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Holly, per crate. $4.00.
Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00.
Fancy Eastern Cut Ferns, per 1000, $1.50; 5000, $6.25.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist

311 MAIN STREET, Phone M-980 **CINCINNATI, OHIO**

Mention The Review when you write.

points of interest here last week on his way to Amherst, Mass., where he will take the college course in floriculture this winter.

N. J. Wietor is president of the High Ridge Improvement Association, which is seeing that the property owners get a square deal in the cost and quality of the paving to be put down on a number of streets in Rogers Park. The improvement affects a number of growers who have frontages on the streets to be improved.

John Muir's sister now runs the three sets of books kept by the Muir establishments.

Bassett & Washburn are making a trial of a new machine for getting out price-lists and other circulars. It is the Planotype, made by the A. B. Dick Co., which also makes the machine now in use in many wholesale establishments. The new machine prints direct from type and produces a fine imitation of a typewritten letter.

George Walther reports that a real estate agent who has the big building at State and Lake streets, formerly occupied by Pitkin & Brooks, would like to remodel it for the special use of wholesale florists.

Mr. Snyder, of the El Paso Carnation Co., El Paso, Ill., was a visitor last week, as was George W. Jack, of Springfield, Ill.

Vaughan & Sperry report that for some time past Wm. Dittman, at New Castle, has been cutting 150 to 200 long Beauties a day.

John Zech has been laid up for a day or two by rheumatism, and two of the children in the family have the whooping cough.

W. H. Hilton has been confined to his home for three weeks with rheumatism and there is little prospect of his getting out until after Christmas.

J. P. Risch makes a different report from most of the growers. He says crops are on with Weiland & Risch and that too much warm, bright weather will rush them off before Christmas.

Dom. Freres says he has considered business good so far this month. He sells the Muno stock.

Arthur Blome, who buys for Paul Blome & Co., says he never has seen a season when wholesale prices were so steadily in the retailers' favor, especially on roses, but also on carnations. He says he has been buying this season at least

twenty-five per cent cheaper than in the same months last season.

Bassett & Washburn have sent the trade a post card printed in color, featuring the O. P. Bassett carnation for Christmas.

A new flower store has been opened at 607 North State street, named the Studio Florists.

A. E. Hunt, on his way home to Evanston from the Flower Growers' Market Sunday, December 12, was in the big wreck on the Northwestern railroad. He was in the same car in which two men were killed and many seriously injured, but escaped with a bad shaking up; it kept him at home a few days.

The John C. Moninger Co. has recently issued two new catalogues, one on greenhouse structural material and the other on boilers and generators. Each one is fully illustrated and contains a number of reproductions of blue prints. The boiler catalogue contains some valuable heating tables and general information on the subject, likely to cause it to be preserved.

The E. F. Winterson Co. says the business in Christmas greens is running away ahead of expectations, in a wholesale way, and a big retail trade is expected next week.

John Poehlmann reports valley in excellent demand. They are cutting in considerable quantity, but find it all cleaned up, even in the recent stormy days in which local trade was light.

Leonard Kill says a few bright days will add immensely to Peter Reinberg's cut.

C. W. McKellar finds the call for white orchids increasing rapidly, possibly because cattleyas still are scarce.

A well-known Beauty grower, one who is in a position to see and who uses his eyes, predicts that Beauties will be extremely fine property December 23 and 24, but that the January thaw will find the king of the Christmas market a vexing problem on the wholesaler's hands.

Kyle & Foerster report that A. L. Glaser, of Dubuque, Ia., was in town last week to place his Christmas orders, sanguine as to the business outlook. He bought heavier than ever before.

Theron Brown, formerly with the A. L. Randall Co. and before that with the Central Floral Co., is a holiday addition to the force of the E. Wienhoeber Co.

E. C. Amling thinks it is highly important that uniform grades should be established in this market for roses, the same as was done some years ago for Beauties, though it is hardly practical to adopt an arbitrary designation by inches of stem in the case of the smaller roses. As it now is, a buyer who is not ordering regularly often experiences difficulty in making his wants known, and a wholesaler runs the same risk of being misunderstood when he quotes a price to a prospective customer. Mr. Amling thinks many vexations would be avoided if both buyers and sellers could understand that a certain name indicated a rose of a certain quality.

Mrs. John Sterrett returned December 10 from her trip to Florida, where Mr. Sterrett recently bought a 10-acre farm for fruit. Since then there has been a display of grape fruit, oranges, etc., at the store of the Benthey-Coatsworth Co.

Hoerber Bros. are getting figures on the cost of eleven more houses to be erected in the spring, which will about double their glass area at Des Plaines.

Norby & Hoefle, of Des Plaines, have in the last few days been sending Kennicott Bros. Co. a big cut of Bonnaffon mums, as many as 500 at a shipment.

C. M. Dickinson was absent from his desk at E. H. Hunt's all last week and now carries his arm in a sling. It was found that his fall December 2 had fractured two bones in his hand. W. E. Lynch says he looks for the biggest demand next week this market has yet seen.

Harry Lubliner welcomed a daughter at his home December 9.

Bowling.

The tail-ender teams took a fall out of the leaders in the Florists' League December 9, but it left the Violets and

WESTERN

Chas. W. McKellar ORCHIDS 51 Wabash Avenue, CHICAGO

Headquarters

Christmas Price List

ORCHIDS—Cattleyas, lavender	Per doz.,	$9.00 to	$12.00
Dendrobium Formosum, white,	"	5.00 to	6.00
Vanda Cærulea, white, tinted blue.	Per doz.,	3.00 to	4.00
Cypripediums, green.	"	2.00 to	2.50
Oncidium Tigrinum, yellow	Per 100,		10.00
Assorted, selected flowers	Per box,	5.00 to	25.00
Gardenias	Per doz.,	5.00 to	9.00
AMERICAN BEAUTY—Specials..	"		12 00
30 to 36-in.	"	9.00 to	10 00
20 to 24-in.	"	6.00 to	8.00
15 to 18-in.	"	4.00 to	5.00
Shorter	"	1.50 to	3.00
Killarney, special	Per 100,	20.00 to	25.00
" select	"	10.00 to	15.00
" seconds	"	6.00 to	8.00
My Maryland, special	"	20.00 to	25.00
" select	"	10.00 to	15.00
" seconds	"	6 00 to	8.00
Richmond, special	"	20.00 to	25.00
" select	"	10.00 to	15.00
" seconds	"	6.00 to	8.00
Mrs. Field	"	6.00 to	25.00
Bridesmaid	"	6.00 to	15.00
Bride	"	6.00 to	15.00
ROSES, our selection, mixed	"		6.00
CARNATIONS			
Select	Per 100,	$4.00 to	$ 5.00
Fancy	"	6.00 to	8.00
MISCELLANEOUS STOCK			
Chrysanthemums, fancy	Per doz..	3.00 to	4.00
" medium	"	1.50 to	2.00
Violets, double	Per 100,	1 50 to	2.00
" single	"	1.50 to	2.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00		15.00
Sweet Peas	"	1.00 to	1.50
Bouvardia	"	5.00 to	8.00
Paper Whites and Romans	"	3 00 to	4.00
Stevia	"	1.50 to	2.00
Poinsettias	per doz., $2.00 to $4.00		
Mignonette	"	4.00 to	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
" "	Per bunch,	.35 to	.75
" Sprengeri	Per 100,	2.00 to	6.00
Adiantum	"	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50 to $2.00		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.25
" " " "	Case 10,000,		10.00
Leucothoe	Per 100,		.75
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO

Mention The Review when you write.

Decorations made with our
ARTIFICIAL FLOWERS
Plants and Designs
are economical and attractive.
Send for Catalogue.
Chicago Artificial Flower Co.
4209 No. 44th Ave., CHICAGO, ILL.
Mention The Review when you write.

When in want of choice
Cape Flowers
write for samples and special prices.
CHAS. W. JACOB & ALLISON, Importers
18 Cedar St., New York
Mention The Review when you write.

Ever Ready Flower Pot Covers
The best and cheapest Pot Covers now on the market.



New Reduced Price List

	Per doz.	100
To fit 4-in. pots.	$1.00	$ 7.00
To fit 5-in. pots.	1.10	8.00
To fit 6-in. pots.	1.20	9.00
To fit 7-in. pots.	1.35	10.00
To fit 8-in. pots.	1.60	12.00
To fit 9-in. pots.	1.85	14.00
To fit 10-in. pots.	2.10	16.00
To fit 12-in. pots.	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
W. H. GREVER, Manager
146 Hughes Avenue, BUFFALO, N. Y.
Mention The Review when you write.

Lily of the Valley

For Cut Flowers—Prices, $3.00 and $4 00 per 100. Have an entire house of it and solicit a share of the trade of the Southwest. Satisfaction guaranteed. Shipping facilities are the best and we can handle all orders.

A. E. BOYCE, Bartlesville, Okla.
400 E. 3d St., or Phone 206 Long Distance
Mention The Review when you write.

ORDER OF US ...FOR... CHRISTMAS

We shall have a good supply in all lines and can take first-class care of your orders.

Carnations, Roses, Poinsettias, Violets, Stevia, Paper Whites.
A Fine Cut of Richmond Roses.

We are prepared to do the largest business in our history. Supply larger than ever before at Christmas and stock all in fine shape.

PERSONAL SERVICE COUNTS

We shall, as always, give personal attention to every order, large or small, and see that nothing is left undone that will help to get for every customer exactly what he wants. We already have heard from most of those who ordered of us for Thanksgiving. Let's hear from **YOU.**

ZECH & MANN, WHOLESALE FLORISTS L. D. Phone, Central 3284 **51 Wabash Avenue** **Chicago**

Mention The Review when you write.

Carnations tied for first place as before. The scores were:

Violets—	1st.	2d.	3d.
Bergman	139	165	166
Johnson	166	147	157
Kruchten	101	111	125
Lieberman	109	144	96
Yarnell	161	155	144
Totals	676	722	688

Carnations—	1st.	2d.	3d.
Ayers	151	154	146
Pasternick	154	155	164
Krauss	161	69	132
Farley	133	154	137
A. Zech	170	155	162
Totals	769	687	741

Orchids—	1st.	2d.	3d.
Huebner	147	127	170
Vogel	115	92	116
Asmus	188	133	153
Graff	166	115	121
J. Zech	156	161	145
Totals	772	628	705

Roses—	1st.	2d.	3d.
Fischer	177	137	184
Goerisch	127	155	131
Orseske	116	139	145
Skafgard	143	134	143
Wolf	163	148	162
Totals	726	713	765

BOSTON.

The Market.

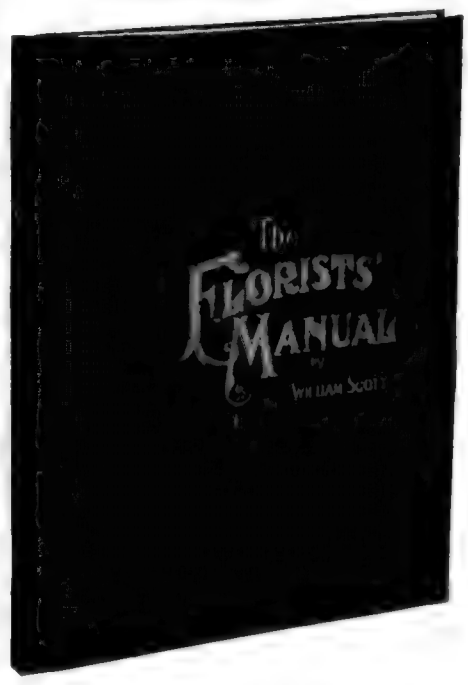
Good winter weather has been our lot of late, and growers and retailers welcome it. Supplies have fallen off rather sharply, due to lessened production and the usual holding back for Christmas, but there has been sufficient to go around and some to spare. Prices are now showing a hardening tendency and, if we can only be favored with pleasant climatic conditions for Christmas week, business should easily break all records. Roses, which have not been selling well, are in reduced supply and moving a good deal better. Quality all around is good. Carnations show a stiffening tendency, but violets as yet hang fire. The cold weather affects the sale of these, fewer being worn on the streets than when it is warm.

Chrysanthemums continue to come in, and there will be a fair number of nice blooms of some varieties for Christmas. They do not cut much figure in the market, however. Paper Whites and Romans are plentiful and both freesias and Trumpet Majors have already appeared. Some good gardenias are coming in; these bring high prices, as do cattleyas. Cut poinsettias are in fairly good demand, the best fetching $4 to $5 per dozen bracts. Valley is selling quite well. Callas are rather more plentiful. Of lilies a good number are arriving. Stevia is abundant, and single white azaleas, mignonette and cypripediums are more in evidence. Smilax and other greenery sell well.

Business in Christmas greenery is unusually active, the demand for laurel and boxwood being particularly heavy. Holly is also in excellent demand. Plant trade is becoming quite active, azaleas, primroses, Lorraine begonias, cyclamens and poinsettias being leaders.

THE IDEAL

Christmas Gift



The Florists' Manual

A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Just the thing for a gift for your employees or friends in the trade. Give us the name of the person you wish to remember. We will ship the book in time for delivery

CHRISTMAS MORNING

with a letter telling that the book is sent with your best wishes.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings. **Price, $5.00, prepaid by express or mail.**

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn St., **CHICAGO**

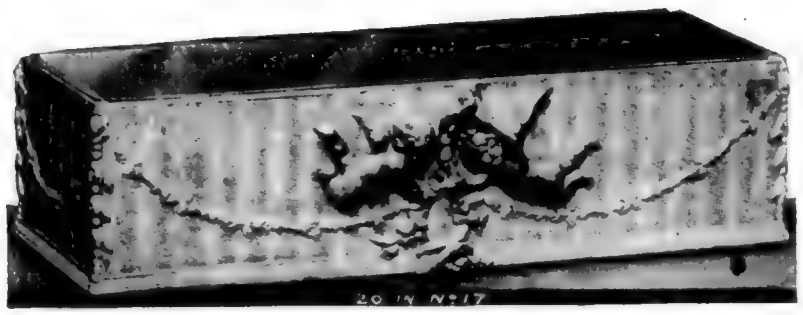
Something New—

Dellwood Fern Dishes

and Window Boxes



They are light, neat, attractive and are made from an unbreakable composition. They have a pan to contain the soil, with an extra drip pan below. Strong and durable. Made in antique assorted finishes, in these sizes:



5x7 in., 8x8 in., 4x13 in., 4x18 in. and 5x20 in., and are from 4 to 5 in. high.

Complete description and list of prices, YOURS FOR THE ASKING.

Manufactured by

GOLD FURNITURE CO., 2300-2318 S. Western Ave. Chicago

N. Y. Office, E. J. SCHWABE, 814 Broadway

Mention The Review when you write.

Club Field Day.

Ideal weather prevailed for the field day of the Gardeners' and Florists' Club to Nashua, N. H., December 11. A party of over fifty left the North station on the 11:30 express, having a special car to themselves, and an orchestra which furnished inspiring music on the outward and inward journeys. Arriving at Nashua Junction, the party was welcomed by George E. Buxton and others from the Granite State city, as well as a number of club members and friends who had come on other trains. Quite a number of ladies were included, the party numbering eighty all told.

Special electrics were waiting to convey the party to the Tremont hotel, where a splendid dinner was served at Mr. Buxton's expense. W. W. Powers saw that the party did not lack for cigars. Judge C. W. Hoitt presided and made one of his usual witty speeches in welcoming all to Nashua. He called upon President Downs, who expressed his pleasure at seeing so many present and thanked the Nashua gentlemen for their splendid welcome.

After dinner, which was enlivened by orchestral selections, cars were taken to George E. Buxton's establishment. Everything here was found in apple-pie order and the condition of the carnations caused many expressions of pleasure. Pink Beauty, a seedling raised here, showed up splendidly, color a rich, rosy pink, flowers large and full, with excellent stems. A house of white seedlings was superb. Granite State was a veritable mass of bloom and buds and should prove a winner. No. 3 and No. 9, also pure whites, were equally good. With big blooms, excellent calyxes, strong stems, all should be heard from again. Other excellent seedlings were noted and no second rate ones were observed.

Among standard sorts, Beacon was in heavy crop. Fenn was a leading crimson. A few Ruby were being tried and looked well. Winsor was carrying a heavy crop, as was Melody and Variegated Lawson. Enchantress and Rose-pink Enchantress were still among the top-notchers. Pink Delight carried a heavy crop and is well liked. Afterglow looked better than it is usually seen. Winona and White Perfection were also in first-class shape. Boiler-rooms, packing-shed, flower room and everything else on the place were scrupulously clean. Further refreshments were served here, and the party photographed before leaving.

Judge Hoitt insisted on a short call being made at his handsome residence on the return journey, and his aviaries of rare birds were inspected. The judge, not to be outdone in hospitality, compelled the party to accept something more for the inner man.

August Gaedeke & Co. were next visited and darkness fell by the time the houses had been looked over. Carnations here looked extremely well. A house of Fair Maid was particularly good. Bay State, White Perfection, Beacon, Enchantress and others were all well done. There were also excellent batches of Easter lilies, Lorraine begonias, poinsettias, azaleas and a fine general line of stock, in which the firm does a large business. Gaedeke & Co. also furnished a most generous collation for the visitors, and the open-hearted hospitality and kindness received in Nashua on the first club outing to the Granite state will long live as a pleasant memory with all who were fortunate enough to be present. Rousing cheers were given the generous hosts before leaving, and Boston was reached in good season, all present voting the outing the best ever.

A few of those present were: W. Nicholson, W. R. Nicholson, A. Roper, A. Christensen, William Downs, M. A. Patten, E. F. Wheeler, W. C. Stickel, P. M. Miller, T. H. Westwood, T. J. Grey, J. P. A. Guerineau, Thomas Pegler, Eber Holmes, H. H. Bartsch, W. G. Wyman, Julius Heurlin, W. J. Kennedy, Harry Cole, H. E. Fiske, Maurice Fuld,

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., Brooklyn, N. Y.

Mention The Review when you write.

Krick's Florist Novelties



Manufacturer and patentee of the Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc. (every letter marked). Send for price lists. Sample pair of Pot Handles 10c postpaid. **Just the thing for plant growers; will sustain a weight of 100 lbs.**



1164-1166 Greene Ave., BROOKLYN, N. Y.

Mention The Review when you write.

Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross

NOTHING LIKE IT FOR THE MONEY

Gustave Schroeder, Artificial Flower Manufacturer

1524 Prospect Ave., Cleveland, O.

Samples sent on receipt of 16c to cover postage.

Mention The Review when you write.

HEADQUARTERS FOR



Xmas Greens

Holly Wreaths

	Per 100
Extra fine grade	$10.50
Michell's "special" made up	12.00
Michell's "Extra Special"	15.00

Holly (Loose)

The very choicest, well berried; will sell on sight, packed in cases 2x4x2, or 16 cubic ft. Extra selected, well berried and foliage well colored.

Per 1 case	$ 5.00
Per 5 cases	22.50
Per 10 cases	42.50

Laurel Wreathing

Michell's extra heavy special, made up.

Per 25-yd. lots	5c per yd.
Per 100-yd. lots	4½c per yd.
Per 1000-yd. lots	4c per yd.

Mistletoe

Well berried and perfect foliage.

¼ case	$ 3.00
½ case	5.50
1 case (16 cubic ft.)	10.00

Lycopodium Wreathing

Extra fine quality.

Per 10 yds	$0.70
Per 100 yds	6.50

Moss

Green Lump, extra fine, per bbl., $1 50; 5 bbls. for $6.25.

Sheet Moss, extra fancy, $2.75 per bbl. sack.

Sphagnum, clean and selected, bbl. bales, 75c; 5 bbl. bale, $2.25; $11.00 per 5 bales.

Henry F. Michell Company

Market Street, above 10th Street, Philadelphia

Mention The Review when you write.

THE RIGHT RIBBONS

For You, the Enterprising Florist, are

The Pine Tree Brand

plenty of rich, brilliant luster, made in many widths and colorings. These ribbons are fresh from our looms daily and the prices are no more than ordinary ribbons. No jobber can offer you ribbons like these at our prices.

Postal brings Samples

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

W. H. Ward, W. J. Stewart, George M. Anderson, Paul H. Burke, J. B. Velie, F. N. Sanborn and A. Eisenhardt.

Various Notes.

A. Leuthy returned December 9 from a visit among the leading plant growers for the New York and Philadelphia markets. He reports stock as looking good and well sold out. Mr. Leuthy has 3,500 azaleas right for Christmas and an abundance of other stock.

W. W. Edgar & Co. are doing a rousing trade at present in azaleas, Lorraine begonias and other Easter plants, and will have little left in the way of blooming plants for Christmas.

Visitors last week included A. Zirkman, of M. Rice & Co., Philadelphia; James Comont, of James Carter & Co., London; W. B. Cleves, representing A. T. Boddington, New York.

A Japanese garden in one of T. F. Galvin's windows has attracted much attention the last few days. It is the work of W. W. Rawson & Co.

Edgar Bros. had what might have easily proved a disastrous boiler explosion December 9. A boiler which had not been in service for some time was started and, all valves being closed, an explosion occurred which lifted the boiler out of place a few feet, blew out the back and destroyed all connections, lifted the floor of the shed and blew out some windows. No one was near at the time of the explosion. Messrs. Edgar hastened to get in a temporary boiler and managed to keep the houses above freezing.

Backer & Co. have a fine lot of poinsettias for Christmas, bracts averaging twenty to twenty-four inches in diameter.

N. F. Comley is still cutting some extra fine Nonin and Eaton chrysanthemums and has a fine lot of Intensity for Christmas.

The first freesia and Trumpet Major narcissus seen this season arrived December 11 from the E. Sutermeister estate.

Montrose Greenhouses will have a heavy cut of white and pink Killarney and extra fine Richmond for Christmas.

The club meeting December 21 promises to bring out the biggest attendance of the year. There promise to be keen contests for president, vice-president and the executive board.

May Day and Shasta carnations are unusually fine with Patten & Co., of Tewksbury, at present.

J. Gale and L. E. Small are handling extra fine double violets at Park Street Market No. 2.

Henry M. Robinson & Co. are experiencing the greatest rush of business in their history and are having to work night and day to keep abreast of their orders.

Mann Bros. are handling extra fine lots of lilies and bulbous stock in variety

Niessen's
News Column

We can truly say that our supply of roses for the

Christmas Holidays

is the most superb stock we have ever offered to the trade. We doubt if it is equaled in the Eastern market. Particular attention we would call to the three big sellers:

BEAUTIES
WHITE and PINK KILLARNEY
RICHMOND

We will have them in immense quantity, and you can depend on our filling your order properly. We will have plenty of Richmonds with stems 30" and 36" long, good, clean foliage, and large, perfect flowers. In the better grades of roses you will find the best values.

CARNATIONS

Will be in fine form, and our supply consists, principally, of the better varieties. They will be subjected to the closest inspection to guard against anything not in the best condition.

In Bulbous Stock we will have a large supply of

PAPER WHITES
and
STEVIA

Very desirable stock where something inexpensive is wanted.

To add variety to your supply, and increased choice for your customers, we can recommend

CYPRIPEDIUMS
DAISIES, white and yellow
SWEET PEAS
MIGNONETTE
POINSETTIAS
VALLEY
and
a large stock of choice

Double and Single Violets

WITH OUR UNUSUALLY FINE SUPPLY OF CUT FLOWERS FOR CHRISTMAS, WE EXPECT TO GAIN NEW CUSTOMERS AND MAKE THE OLD ONES MORE SOLID.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

The Finest Holly

We have some cases of extra-selected, exceedingly well berried, with glossy green foliage. This stock has been carefully chosen to satisfy the wants of those who require **Holly** above the ordinary prices, $6.00 per case.

Select Holly

Good stock, well berried, with nice foliage; equal to strictly first-class, $5.00 per case.

Christmas Flowers

We have an excellent stock of all kinds of Christmas flowers and especially call your attention to our:—

Fancy Carnations, white, pink and red; **Valley,** large bells, well hardened; **Double Violets,** both Lady Campbell and Marie Louise; **Single Violets,** ordinary and fancy; **Poinsettias,** large flowers on long, medium and short stems. These are a few of Our Specialties. We have all other varieties in the market. Order early.

Wild Smilax for the decorator.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

at present. They are also having an excellent plant trade.

William Nicholson thinks White Enchantress a much better paying white carnation than White Perfection, with many less second-grade flowers.

The past bulb season was the best Boston dealers ever had. Hardly a bulb of any kind was left over, and many late orders could be only partially filled.

W. J. Goddard is finding Carnation Pink Delight a wonderfully free bloomer and fine seller. He prefers White Perfection to White Enchantress.

Julius A. Zinn opened his new store on Park street December 10. His large window was finely arranged and attracted much notice. The new location is a vast improvement over the Beacon street store vacated. W. N. Craig.

PHILADELPHIA.

The Rising Eastern Market.

The first two weeks in December have been in marked contrast. The week ending December 8 was so poor, just at a time when improvement was expected, that a deep shadow was cast over the market. The second week, ending December 15, has shown a marked improvement. The volume of business was large, at prices that were moderate in most cases. The features of the first week were the strength of Beauties, orchids, gardenias and valley, with a surprising weakness in carnations and in so-called small roses. The features of the last week were the improvement in the small roses, in which Beauties have shared, and in carnations. This improvement has affected the cheaper rather than the fancy grades. Fancy roses are less called for than ordinarily in mid-December, and when called for the price is more closely scrutinized. White roses have been quite scarce, commanding a higher price than pink. White Killarney has been the leading white, few growers being able to produce Bride that will compare favorably with White Killarney now that it is rounding into form.

The price of carnations has advanced, anything worth having commanding 2 cents, while fancies bring 4, 5 and 6 cents. Beacon, Enchantress, Winsor and White Perfection are all represented in the fancy class.

Violets are decidedly off crop as regards singles. The doubles also are less plentiful, but only in fair demand. Cattleyas are increasing in demand as the supply increases. Prices remain unchanged. Gardenias have weakened a little. There are now several grades a step apart. Callas are in strong demand, the rather light supply being absorbed rapidly. Easter lilies are plentiful and seem to sell better with the wane of the autumn queen. Some fine snapdragons are offered. There is a little bouvardia and more mignonette, daisies and pansies. The winter-flowering sweet peas can be had in all colors. Greens have improved. Smilax is sharing in the demand for adiantum and asparagus. The valley situation is easier.

The supply of all kinds of Christmas greens except lycopodium is large. Holly is particularly fine, although the best grade can only be had in limited quantity. The demand for boxwood is heavy. All dealers are short on lycopodium.

Christmas Prospects.

The best judges in the cut flower market believe that the stock of high grade flowers will be large—larger in proportion to the ordinary grades than ever before. They predict that there will be no shortage of anything unless the weather should be adverse. While it is difficult to forecast prices, it is probable that last year's basis will be somewhere near the mark.

Christmas Plants.

Improved varieties and improved culture have given us Christmas blooming plants in every way equal to the city's reputation for Christmas foliage plants and for foliage plants at all seasons of the year. We have this season in and about Philadelphia some exceptional stock, stock that the slangy would describe as "classy," or possibly "nifty,"

Christmas Prices

In effect Monday, Dec. 20, 1909. Subject to change without notice.

ALL PRICES QUOTED ARE PER 100 UNLESS OTHERWISE NOTED



P/M QUALITY

BEAUTIES

Philadelphia Growers have a national reputation for the quality of their Beauties and it is with pride that we can say the best are coming to the P/M establishment. They are now cutting freely all lengths, especially the better grades, quality, deep rich color and long, heavy bud, satisfying the most critical buyers.

ROSES

	Special	Fancy	Extra	First	Second	Third
American Beauty	$125.00	$100 00	$75 00	$50.00–60.00	$30 00	$10.00–15.00
" " doz	15.00	12.00	9.00	6.00- 7 50	4.00	1.25- 2.00
Richmond	50.00	35.00	25.00	15.00	10 00	8.00
Liberty	50.00	35.00	25.00	15.00	10.00	....
Bride	....	....	20 00	15 00	10 00	....
Bridesmaid	....	....	20.00	15 00	10.00	....
Killarney	40.00	30.00	25.00	15 00	10.00	....
Maryland	40.00	30.00	25.00	15.00	10.00	....
White Killarney	40.00	30.00	25 00	15.00	10.00	....
Mrs. Jardine	....	....	25.00	20.00	12.00	....
Perle	....	....	....	12.00	....	....
Sunrise	....	....	....	12.00	....	....

Special for Christmas Week

ROSES, our selection, in lots of 200 or over, $6.00 per 100. **CARNATIONS,** in lots of 500 or over, our selection, good quality, $6.00 per 100.

POINSETTIAS

Good to extra, per doz	$3.00 and $4.00
Specials—long stems and extra large flowers—per doz	5.00 and 6.00

CARNATIONS

Specials	$8.00	$10.00
Fancies	6.00	8.00
Firsts		5.00
Beacon	12.00	15.00
Other Reds	8.00	10.00

VIOLETS

Single	$1.00
Double	1.50
Few extra choice double	2.00

VALLEY

Extra special	$6.00
Special	5.00
Extra	4.00
No. 1	3.00

FARLEYENSE FERNS

Specimen fronds	$15.00

GARDENIAS

No. 1, per doz	$5.00
Fancy, per doz	7.50
Specials, per doz	9.00

ORCHIDS

Cattleyas, per doz	$10.00
Cypripediums per doz. $2 00	15.00
Dendrobium Formosum, per doz	6.00

Miscellaneous Cut Flowers

Chrysanthemums, Jeanne Nonin, per doz	$3.00	$4.00
Easter Lilies, per doz		2.00
Callas, per doz		3.00
Swainsona, per bunch (short stems)		.15
Daisies, White, $3.00; Yellow		4.00
Sweet Alyssum		.25
Paper Whites	3.00	4.00
Snapdragon, goor stems, per doz.		2.00
Mignonette	5.00	6.00
Sweet Peas, pink, white	1.00	1.50
Bouvardia	5.00	6.00
Stevia, per bunch		.25
White Romans	3.00	4.00

Greens, Moss and Foliage

Adiantum Croweanum, per 100	$ 1.00
Asparagus Plumosus, per bunch	.50
" " strings	.50
" Sprengeri, per bunch, extra long sprays	.50
Smilax, $15.00; extra long (heavy)	20.00
Galax, Bronze, per 1000, $1.00; per case	6.50
" Green, new crop, per 1000	1.00
" " per case (ten thousand)	6.50
Ivy Leaves, fresh, new crop, per 1000	3.00
Leucothoe Sprays, green, per 100	.75
" " " per 1000	6.00
" " bronze, per 100	1.00
" " per 1000	7.50
Green Moss, per bbl	1.25
Sphagnum Moss; per 7 bbl. bale	2.25
Green Sheet Moss, per bag	2.50
Hardy Ferns, regular grade, per 1000	2.00
" " extra large, per 1000	2.50
Cut Hemlock, large bundle	2.50
Wild Smilax, per case	5.00
Boxwood Sprays, $15.00 per 100 lbs. (packed in 50 lb. cases.)	

Christmas Greens Christmas Plants Christmas Ribbons

Open 7 a. m., close 6 p. m. **Not open for business on Sundays.** **Not responsible for flowers after delivery to express company.**

Store Closes at Noon

Christmas Day

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow St., Philadelphia, Pa.

1212 New York Ave., WASHINGTON, D. C.

Cut Flower and Shipping Boxes

ALL SIZES

THE Florists' Supply House of America

HOLIDAY SPECIALTIES

IMMORTELLES, all colors, in any quantity. We can fill your rush orders instantly.

CREPE PAPERS, water-proof and pleated, in all best flower shades; very choice.

HOLLY WREATHS, well berried, handsome and more lasting than the ordinary stock.

PORTO RICAN MATS, just received; very desirable.

HOLIDAY BASKETS, with and without handles, round, oval in shape, or any size you desire. **Willow, Reed** or **Rattan,** plain or fancy. Be sure to have plenty on hand, for you can turn your short-stemmed flowers to account, we think, as you can in no other way. Just think of those odds and ends of poinsettias, Romans and what-nots, and the pretty combinations you can make with the right kind of basket.

FERN FRONDS. Durable, electrically prepared, perfect fronds of **Adiantum, Pteris, Asparagus, Araucaria;** something you can use anywhere; combining the grace of the fern with—well, not the strength of the oak, but they certainly have a thousand times more strength than the delicate ferns you generally use.

Our factory can turn out anything you want in florists' supplies. Send for our illustrated catalogue.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.



Mission No. 1.

Florists' Baskets

Our aim is Artistic Baskets; that is what makes them appeal to discriminating people. Every basket is made by hand, and finished as if our whole reputation depended upon that particular basket. Madison Basketcraft Co.'s baskets are designed for use as well as beauty. They are practical, indestructible, made of willow in odd and artistic shapes, and colored in various delicate tones. Greens, gun metal and browns are the best colors.

PRICES TO THE TRADE

Diameter Outside	MISSION No. 1 Opening	Each	Diameter Outside	MISSION No. 1 Opening	Each
10-inch	8-inch	$1.25	15-inch	11-inch	$2.50
12-inch	9-inch	1.75	18-inch	13-inch	3.00
13-inch	10-inch	2.00	21-inch	15-inch	3.50

We sell nothing but Baskets. Make two hundred different shapes. Send in a trial order. Any that do not please, you may return.

YOUR ORDER NOW—PLEASE

MADISON BASKETCRAFT CO.

MADISON, OHIO

Let us send you illustrated catalogue with prices.

Mention The Review when you write.

a plantsman's triumph under adverse weather conditions.

In order to get an expert's view on these improvements, I went to Robert A. Craig and asked him to tell me briefly what had been accomplished during the last year. Mr. Craig pointed out cyclamen of perfect shape, with flowers of almost orchid size, glossy green foliage, an improved strain from selected seed; begonias of the Lorraine type, almost ball-shaped, hard and covered with bloom, all pinched stock; poinsettia with large, sturdy bracts, and, best of all, foliage down to the pot, evidently the result of studying nature's way. There were other things, but these are sufficient to show why I was convinced that the brains and enterprise that have placed Philadelphia growers among the front rank of plantsmen will keep them there for many a long day to come.

Various Notes.

The new greenhouse on the seed trial farm of the H. F. Michell Co. has been completed.

Miss Dundore, with Harry Shroyer, Lancaster, Pa.; A. B. Ellsworth and Mrs. Ellsworth, Allentown, Pa.; Ernest Ashley, Allentown, Pa.; A. N. Pierson, Cromwell, Conn., and Arthur Langhanz, Wheeling, W. Va., were here recently.

Arthur Philips Niessen has come to make his home with the secretary and treasurer of the Leo Niessen Co., bringing much brightness with him.

The Henry A. Dreer Co. took advantage of the mild weather to push out orders for what is promising to be an excellent Christmas in decorative plants and ferns.

Alexander Montgomery, Natick, Mass., not long since honored Wyndmoor and Dorranceton by a visit.

The Florex Gardens have begun forcing lily of the valley pips. They have commenced shipping the so bell-like flowers to Eugene Bernheimer.

William P. Craig is in the west middle states this week.

William J. Baker finds a ready market for callas, now coming in more freely.

There have been many visitors to the Rising Eastern Market during the last few days. They include Loyd G. Blick, Norfolk, Va.; George Cooke and Mrs. Cooke, Washington, D. C.; Frank B. Rine and Mrs. Rine, Lewisburg, Pa.; F. G. Berger, E. A. Seidewitz, and Charles and William Feast, all of Baltimore; W. J. Carney, of J. B. Murdoch Co., Pittsburg; Benjamin Passmore, Malvern, Pa., and a representative of the Loudon Nursery Co.

William K. Harris died December 13 after a long illness at his home in West Philadelphia.

Stephen Ager was scheduled to speak before the Germantown Horticultural Society's December meeting on "The Winter Preparation of the Garden." The present officers were reëlected for 1910.

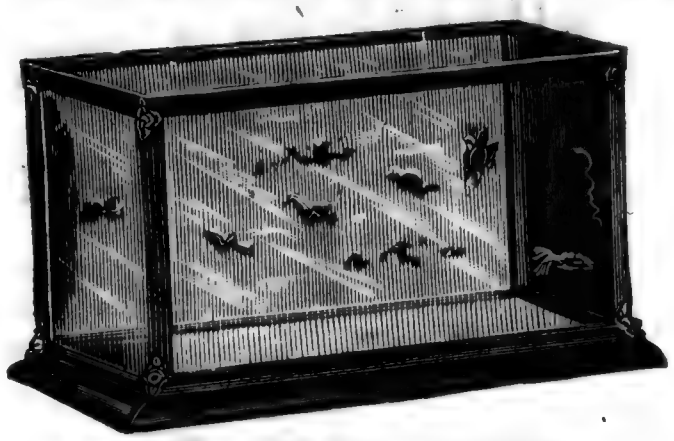
The poultry show of the Henry F. Michell Co., held at 518 last week, brought out 600 birds and on the closing day a crowd estimated at 2,000 passed under the electric arches erected for the occasion.

An able judge of cut flowers earnestly advises the growers to come into the market and look over their stock when it is offered for sale before they decide on the prices that should be realized at the holidays.

The Philadelphia Wholesale Flower Market has paid a final two and one-half per cent dividend. PHIL.

Sell Goldfish and Increase Your Christmas Profits

An article in the REVIEW of November 18, headed "Profit in Goldfish," made this statement: "A large number of retail florists are now handling goldfish as a side line and find them surprisingly profitable, as a globe of them placed in a window attracts attention and not only sells the fish, but also helps the sale of flowers."



Invest $25.00; realize $54.00; your profit $29.00

(And one aquarium for yourself)

1	Doz. 1-pt. globes, retail for 10c each	$ 1.20
1	Doz. ½-gal. globes, retail at 25c	3.00
1	Doz. 1-gal. globes, retail at 50c	6.00
3	1½-gal globes, retail at 75c to 85c	2.40
2	2-gal. globes, retail at $1.00	2.00
2	3-gal. globes, retail at $1.50	3.00
6	Doz Fish Food, retail at 10c box	7.20
1	Doz. Cabomba moss, retail at 10c	1.20
1	Doz. castles, at 15c each	1.80
1	Doz. castles, at 25c to 35c	3.00
½	Doz. boxes sea shells, at 20c	1.20
1-6	Doz. large castles, at 50c each	1.00
100	Medium small fish, at 10c	10.00
40	Medium large fish, at 20c to 35c	8.00
4	Extra fancy fish (Japanese Comets)	2.00
1	Dip Net, free. 1 Large rustic stand	1.00
	TOTAL	$54.00

OUR XMAS OFFER

One Aquarium like this for your own use given FREE with each order for this assortment.

SEND FOR ILLUSTRATED CATALOGUE

The Auburndale Goldfish Co.,

New No., 920 W. Randolph St., CHICAGO, ILL.

Mention The Review when you write.

GREEN GOODS FOR CHRISTMAS

Galax, green and bronze	per 1000, 50c; per case of 10,000, $4.50.
Fancy and Dagger Ferns	per 1000, 90c; per case of 5000, 4.00.
Leucothoe, green, standard size	$2.00 per 1000, any quantity.
Leucothoe, green, small size	1.00 per 1000, any quantity.
Beautiful Bronze Leucothoe	3.00 per 1000, any quantity.
Rhododendron, and Kalmia Sprays	3.00 per 1000, any quantity.

Don't be afraid we will disappoint you; we FILL ORDERS NOW.

T. J. RAY & CO., ELK PARK, N. C.

Mention The Review when you write.

FERNS, GALAX, Etc.

Good goods, prompt service, and reasonable prices. If you give your order to a cheap John, you will get disappointed. If you give it to us, you will get the goods.



Fancy or Dagger Ferns	$1.00 per 1000;	$3.50 per case of 5,000
Galax, Green or Bronze	.50 per 1000,	4.00 per case of 10,000
Green Leucothoe Sprays, large, any quantity		$2.00 per 1000
" " " 12 to 16 in		1.25 per 1000
Bronze " "		3.00 per 1000

Special prices on lots of 50,000 and up.



Watauga Evergreen Co., Butler, Tenn.

Mention The Review when you write.

HOLIDAY PRICE LIST

GALAX, FERNS AND LEUCOTHOE

Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50	per 1000
Galax, green, violet size, 2 to 2½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.

Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.

BANNERS ELK, N. C.

GEO. M. AUTREY & SON

want your orders for

Galax Leaves and Leucothoe Sprays

We always carry in stock a large amount of these evergreens. Write us for prices.

HARVARD, N. C.

FREEPORT, ILL.—The opening of the flower shop of the Freeport Floral Co., in the Frueh building, was held Saturday, December 4. The store will be known as the Fairview Flower Shop.

DULUTH, MINN.—J. J. Le Borious, who has greenhouses at 921 East Third street and at Woodland, has now opened a downtown store, located at 6 East Superior street.

ST. LOUIS.

The Market.

Business so far this month has not been any too good. The weather last week was bad under foot, and this had a good deal to do with slow trade. With the holidays close at hand, the trade is bound to pick up greatly, with all kinds of work. A good deal of funeral work was reported for last week, but outside of this, nothing much was made up. Most of us are now busy making up holiday goods. Our wholesalers have had plenty of everything, but most of them think that stock of all kinds will be scarce for Christmas and prices high.

California violets have been scarce and are up to $1 per hundred for the best. Roses and carnations have been enough for the demand, at no advance in price. Paper Whites and Romans are coming in fine and will be in plenty. Shipping trade is looking up and quite a lot of orders have been placed for Christmas. In greens, asparagus and smilax are in good demand.

Club Meeting.

The Florists' Club held its regular monthly meeting Thursday afternoon, December 9, in Odd Fellows' building. The meeting was again largely attended, there being thirty-one members present. There was also a nice exhibition of carnation blooms staged. The Chicago Carnation Co., Joliet, Ill., sent Sangamo, Mary Tolman and Conquest. The Miami Floral Co., Dayton, O., sent a vase of Miami Queen. The Charles Knopf Floral Co., Richmond, Ind., staged a vase of the fine new pink, Admiration.

President George B. Windler and all the other officers were present. G. M. Grossart, of Belleville, was elected to membership by a full vote, and W. A. Rowe, grower at Kirkwood, made application for membership. The chair appointed J. F. Ammann, F. J. Fillmore and E. W. Guy as judges on the carnations staged. A recess was taken, after which the judges made the following report: Admiration, an improved pink shade on Enchantress; Miami Queen, fine dark pink, an improvement on Lawson; Sangamo, fine medium pink color, stem

HOLLY HOLLY

Two Cars a Day

Fancy Holly

FRESH CUT

Packed and Inspected by Our Own Men

The W. W. Barnard Co.

Seedsmen

108-110 W. KINZIE STREET

CHICAGO

HOLLY HOLLY

Mention The Review when you write.

and form good, apparently a good commercial variety; Conquest, fancy, on the Prosperity type, showing pink color more distinct; Mary Tolman, salmon pink in color, form and stem good.

C. De Wever was then called upon to read his paper on "Advertising Through Our Florists' Club," which was followed by a discussion in which all the members took part. The paper was handed over to a committee of two, C. De Wever and J. J. Beneke, to report on it at the next meeting. The chair requested Frank J. Fillmore to read a paper at the next meeting on "The Troubles of a Grower."

A vote of thanks was extended to the carnation growers who exhibited blooms, and to Mr. De Wever for his able paper, also to the management of the poultry show for their kind invitation to attend the show in a body. After the meeting adjourned, all members were taken in hand by W. C. Smith and taken to view the poultry show at the Coliseum. The next meeting of the club takes place Thursday afternoon, January 13.

J. F. Ammann and Henry Blixen, of Edwardsville; John Connon, of Webster Groves; E. W. Guy, of Belleville; F. Vennemann, W. A. Rowe, W. J. Pilcher and Edwin Denker were our suburban members who attended the meeting. Ex-President H. C. Irish, superintendent of the Missouri Botanic Garden, also attended.

Various Notes.

W. C. Young and Alexander Waldbart were appointed by the court as appraisers of the stock of the Michel Plant & Bulb Co., who filed a petition in bankruptcy some time ago. The ground upon which the Michel Plant & Bulb Co. is located is the property of the Henry Shaw estate and the lease has seven more years to run. The Michel property will no doubt be sold in bulk and the buyer can retain the seven-year lease.

William C. Young is contemplating a trip to New Orleans soon after Christmas. Mr. Young says he never has been that far south. Our old friend, Harry Papworth, will take care of him on his arrival.

Miss May Burns, late with Kahrs Floral Co., is now with Grimm & Gorley on Washington avenue. Miss Burns will be a good help to the cut flower department.

The H. J. Weber & Sons Nursery Co., Sanders Nurseries and Emil Rothenheber had a busy fall season. The zero weather last week put a stop to their work.

The florists in the west end who have show-houses are offering some exceptionally fine, seasonable decorative and blooming plants for the holidays. Among those who are well supplied are: Mrs. Ayers, George Waldbart, Fred C. Weber, F. H. Weber, Ellison Floral Co., J. F. Windt, Sanders Nurseries and Kalisch Bros. Floral Co.

Bouquet green is extremely scarce here this year. The Third street commission men say there are only a few crates to be had and hold them at $15 per hundred pounds. Holly is plentiful at $4 to $5 per case.

C. Young & Sons Co. are showing a fine lot of poinsettias in pans, also other fine blooming plants.

The Engelmann Botanical Club held its regular monthly meeting Monday, De-

Last Week (in the Review) We Told You About

"Qualification"

MISTLETOE

—THE—

"Dewdrop" Brand

(We are sole sellers in Chicago.)

Well, we didn't make it too strong. Several lots have arrived in the past few days and the quality is worth "bragging" about.

We want you to have some of this dandy stock, it will make you money.

Original Cases

10 lbs..... $2.25
25 lbs..... 5.00

Broken Packages

1 lb..... $0.25
5 lbs..... 1.20

Order now and we ship by express when you want it.



Winterson's "Baby" Christmas Trees

(See illustration above.)

"THE" NOVELTY OF THE SEASON

These miniature trees are well shaped, measuring from 10 to 24 inches in height, with from 10 inches to 18 inches of spread. The base is firmly attached to a round block of beautiful white birch wood with the natural bark thereon. Price, each, 25c; dozen, $2.00; per 100, $12.50. Write for prices on larger quantities.

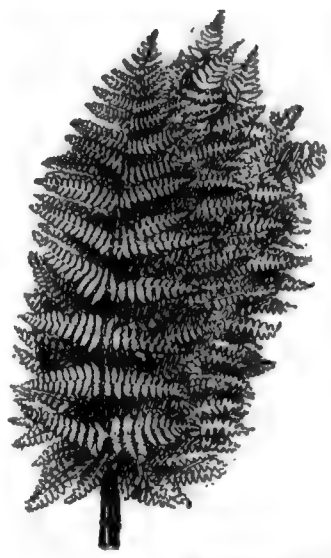
We are well stocked on

BOUQUET GREEN (Yes, We Have It),
EVERGREEN WREATHING,
FANCY HOLLY, IMMORTELLES,
CAPE FLOWERS, Etc.

Complete Christmas Price List Mailed Free. Buy NOW and save money. We ship when you say the word.

WINTERSON'S SEED STORE

45-47-49 Wabash Ave., CHICAGO



Merry Christmas To All



Holly, best florists' stock, $5.00 per case

Cut Boxwood.....35c per bunch; 50-lb. case, $8.50
Christmas Berries.....$2.50 per case
Laurel Wreathing, good.....$8.00 per 100 yards
Ground Pine Wreathing.....$5.00, $6.00 and $7.00 per 100 yards
Leucothoe, green and bronze.....$1.00 per 100; $7.50 per 1000
Fancy Ferns, best stock..... 1.50 per 1000
Galax Leaves, green and bronze.....$1.25 per 1000; $7.50 per case
Beaven's Fadeless Green Moss.....$3.50 per bag

Full supply Roses, Carnations, Valley, Violets, Lilies, Paper Whites, Romans, Poinsettias, Stevia, Sweet Peas, Adiantum, Smilax, Asparagus, Etc.

WILD SMILAX, 50-lb. case, $5.00; 25-lb. case, $3.00 per case.

MICHIGAN CUT FLOWER EXCHANGE

38-40 Broadway, All Phones Detroit, Mich.

Western Florist Supply House

Save freight and expressage by buying near home.

Christmas Greens

Holly, Wreaths, Roping, Etc.

Write for our new price list.
A large stock now ready for prompt delivery.

THE BARTELDES SEED CO.

DENVER, COLO.

Mention The Review when you write.

FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Mention The Review when you write.

Southern Wild Smilax

Ferns, Pines, Palms, Holly

Louisville Floral Co., Louisville, Ala.

Mention The Review when you write.

..SPECIAL STOCK..

THE NEW JERSEY MOSS & PEAT CO.

Established 1890 BARNEGAT, N. J. IRVING PREDMORE, Prop.

Wholesale and Retail Dealers in . . . **MOSS and PEAT**

We take pleasure in submitting this list, which we trust you will take time to read and be benefited by it. We have been in this business for the past nineteen years, so in dealing with us, you are sure of getting the benefit of our nineteen years' experience in this line.

WE QUOTE MOSS AT THE FOLLOWING PRICES:

Natural Growth Moss. Bales of 5 bbls., $2.25; bales of 10 bbls., $4.25. This grade is for fine design work.

Selected Stock Moss. Bales of 5 bbls., $2.60; bales of 10 bbls., $5.00. This grade is for very fine design work and special occasions.

For Nursery Stock Moss, please write for prices. Cash with order we will allow six per cent off.

Leaf Mold, Fibrous and Rotted Peat. We name the following prices per one barrel sacks: Lots of 1 to 5 sacks, at $1.00; 5 sacks at 90c; 10 sacks at 80c; 15 sacks at 75c; 20 sacks at 70c; 25 sacks at 65c.

Green Clump Moss. Per sack. 1 to 5 sacks at $1.50; 5 sacks at $1.25; 10 sacks at $1.12; 20 sacks at $1.00.

Silver Sand. Per Barrel. 1 to 5 bbls. at $1.75; 5 bbls. at $1.50; 10 bbls. at $1.25; 20 bbls. at $1.12; 25 bbls. at $1.00.

Honorable Mention. Society of American Florists. This is to certify that IRVING PREDMORE is entitled to HONORABLE MENTION for having clean and well packed SPHAGNUM MOSS and PEAT. Exhibited at Cleveland, O., Aug. 18-21, 1896. William Scott, Pres. Wm. J Stewart, Sec'y.

Orders received and filed for future shipments as requested.

Special Offer. Enclose this Coupon with cash and you may have your choice of these Special Offers.

	Natural Growth.	Selected Stock.
1 Ten Barrel Bale for.....	$ 3 90	$ 4 50
2 " " " "	7.75	8.75
3 " " " "	11.50	13.50
6 " " " "	22 50	25.50
10 " " " "	37 00	40.00
15 " " " "	54.00	60.00
20 " " " "	70.00	75.00

This offer will expire on Jan. 30, 1910.

THE NEW JERSEY MOSS & PEAT CO.

Reference: R. & J. Farquhar & Co., Boston, Mass. Geo. M. Stumpp, New York, N. Y. Hoopes Bro. & Thomas, West Chester, Pa.

Mention The Review when you write.

READY NOW For Fall and Winter Shipments.

G. J. WALKER

Dealer in

FANCY AND DAGGER FERNS

SAVOY CENTRE, MASS.

P. G. GIANNOPULOS & CO.

Wholesale dealers in



DAGGER FERNS, GALAX,

Princess Pine, Laurel Leaves, Sprays, Etc.

New Haven, Conn.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per bunch.....25c Per case of 50 lbs.. 7.50

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.50 Per 50 lb. case.. 5.00

SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, WHOLESALE COMMISSION FLORIST, 34-36 East Third Street, **Cincinnati, Ohio**

Mention The Review when you write.

cember 13, in the botanical laboratory of the Central high school. Henry Stark gave an interesting lantern talk on "Nature Photography," from both the technical and the practical standpoint. The nominating committee will, in a few days, present the nominations for officers for the year of 1910. The election will be held at the next meeting. J. J. B.

PROVIDENCE, R. I.

The Market.

Business last week was good, funeral demands continuing brisk, and the outlook for Christmas is bright. Already wreaths of holly, well berried, evergreens, laurel and box are seen on all sides, and plants are putting in an appearance. There is an unusually brisk demand for red immortelles. Roses are bringing from 2 cents to 15 cents; carnations, 2 cents to 3 cents, and violets 50 cents to $1 per hundred. Chrysanthemums are about done for, though some few are still coming in and meet with ready sale. Violets stiffened in price 25 cents per hundred, wholesale, last week.

Various Notes.

Frank A. Budlong and J. J. Budlong are enjoying an automobile and yachting trip in Florida.

The annual meeting of the Newport Horticultural Society is down for December 14. Efforts are being made to celebrate the twentieth anniversary of the society with a dinner in January.

Willie Greene, of H. Bayersdorfer & Co., Philadelphia, was in this city December 11.

Miss Fritz has accepted a position as bookkeeper with Johnston Bros.

Eugene McCarren had a pretty wedding decoration last week, red and green being the color effect. More than 500 Beacon carnations, with ferns and asparagus, were used.

Thomas J. Johnston & Co., Edward Brooks, manager, are being driven with funeral, reception and wedding work.

The Peirce brothers, of Waltham, Mass., called upon several of the florists in this city December 10. They made the trip to Providence and back in their automobile.

Arthur Zirkman was in this city December 11, in the interests of Rice & Co., Philadelphia.

John Johnston, of Johnston Bros.,

THE KERVAN CO.

113 W. 28th St., NEW YORK
WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.
Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.
Christmas Greens, Holly, Mistletoe, Pine Plumes, Table and Christmas Trees. **All Decorating Material in Season.**

Mention The Review when you write.


FANCY DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

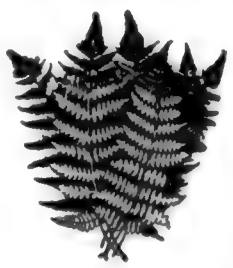
BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Bragué & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $1.00 per 1000, any quantity
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N. C.**

Mention The Review when you write.

WILD SMILAX

Free of stems and fresh: nice strings, neatly packed, ready for hanging, two to 6 feet long; something that no other shipper gives you; twice the green that others give for same money. $2.50 per case of 60 lbs.. $1.50 per half case of 35 lbs. **Last Chance for Choice Stock for Xmas. Write or Wire.**

D. S. CRUM, Pine Apple, Ala.

Mention The Review when you write.

Bronze Galax

New crop now ready. Medium size, 2½ to 3-in. at $3.00 per case. Large size, 3¼ to 4½ in.. at $3.50 per case. 10,000 to the case. "Low prices, low rates and first class leaves," my motto. Send me at least a sample order.

Cash with order.

C. H. WRIGHT, Saddle, N. C.

Mention The Review when you write.

XXXX HOLLY $5.00 per case



Laurel Wreaths, $2.50 per doz. and up.
Laurel Festooning, 6c per yd.
Boxwood Wreaths, $6.00 to $18.00 per doz.
Princess Pine Festooning, made all round, $6.00 100 yds.

Bu. Laurel, 50c.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Fancy and Dagger Ferns, $1.25 per 1000.
Green and Bronze Galax. Green, $1.00, 1000; Bronze, $1.50, 1000.



Cut Boxwood Sprays

$16.00 per 100 lbs.

Full line of Florists' Supplies. All kinds of Insecticides. Seasonable Cut Flowers. Chrysanthemum and Carnations in all standard varieties. Roses—Beauties, Richmonds, Marylands, the two Killarneys, Brides and Maids. Lilies, Orchids, Gardenias, Valley, Violets, Adiantum, Asparagus.

Henry M. Robinson & Co.

TELEPHONES
Main 2617
Main 2618
Ft. Hill 25290

Wholesale Commission Florists

15 Province St., and 9 Chapman Pl., BOSTON, MASS.

Orders filled promptly, properly and to your satisfaction.

Mention The Review when you write

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

A. BEAVEN, Evergreen, Ala.

Mention The Review when you write.



Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Fancy
Maryland
Delaware
Virginia

HOLLY

Holly, long or short branches, per case	$3.00
Green Sheet or Log Moss, per bbl	1.25
Laurel, for decorating, per case	2.50
Laurel, for roping, large bag	1.00
Stone Tomato Seed, per lb	.50

Cash with first order Telegraph orders promptly filled.

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.

Blooming and Decorative Plants for Christmas

Azaleas

$1.00, $1.25, $1.50, $2.00 each.

Begonias in Bloom

Gloire de Lorraine, 3-in., $ 0.00; 4-in,, $35.00; 5-in , $60.00; 6-in., $100 00. Red Vernon, 4 in., only $25.00. Pink Incarnata 3-in., only $15.00. Rex, 3-in., $10.00; $4 in., $25 00.

Celestial Peppers

3-in., $7.50; 4-in., $12.50.

Primroses

Chinese and Obconica, 3-in., $7.50; 4-in., $12.50; Forbesi, 2½-in., $5.00 per 100.

Roses in Bloom

3-in. Baby Ramblers, $12.50. 3-in. Soupert and Hermosa, $12.50; 4-in. $20.00.

Japanese Air Plants in Baskets

$1.50, $2.00 $2 50, $3.00 per doz. In Bird Nests, $6.00 and $9 00 per doz.

Christmas Evergreen Wreathing

20-yd. rolls, 60c 75c, $1.00. Wreaths, 10-in., $1.50; 12-in., $2.00; 14-in. $3 00. Holly Wreaths, 10-in., $2.00; 12-in., $3 00; 14-in., $4.00 per doz.

Decorative Plants

Araucarias, Rubbers, Palms, Dracaena Terminalis, Ferns, Bostons, Scottii, Whitmani, Amerpohlii, Piersoni, Plumosus Sprengeri, and Small Ferns for Ferneries. Write for lists.

Ferns

If you want Bostons, Whitmani, any size from 2½ to 10-in., write us.

Poinsettias

Small plants, fine for mixing in Fern Dishes, $5.00 per 100.

VERY SPECIAL

Whitmani and Plumosus Ferns, 4-in., $15.00 per 100.

GEO. A. KUHL, Wholesale Grower

PEKIN, ILL.

Mention The Review when you write.

Special for Christmas

Azaleas, 6 and 7-in., $1.50 each.

Geraniums, 6 in., 35c.

Red Dracaenas, 3 in., 10c and 12½c; 6-in., $1 00.

Araucaria, 4-in.. 4 and 5 tiers, 60c; 5-in., 5 and 6 tiers, $1.00.

Boston Ferns, 3-in., 5c; 4-in.. 12c; 5-in., 25c; 6-in., 40c; 7-in.. 90c; 8 in., $1.25.

Whitmani, 2¼-in. 4c: 4 in.. 20c; 5-in.. 30c; 6-in., 50c; 7-in., 90c; 8-in.. $1 00, 9 in., $1.25; special, 3 in a pan, $1.25.

Plumosus Nanus, 3-in.. 6c; 4-in., 10c; made up plants, in 5-in., 35c; 6-in., 50c.

Sprengeri, 2¼-in., 2½c; 3-in., 4c; 4-in., 8c; 5-in., 5c; 6-in.. 30c; 7-in., 75c.

Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. wm. Multiceps, Cyrt. Falcatum, Asp. Tenuissimense, 2½-in., $3.50 per 100; 3-in., $6.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.



100 Gallon Cypress Tank

for storing water, for scalding and salting, and many other purposes. Can furnish with tight cover, making it suitable for spraying. for $3.00 additional. We make all other size Tanks in any shape, for all purposes.

Steel Towers to elevate Tanks, Bells, Wind Mills, also Silos, Pumps and Gasoline Engines.

Goods guaranteed as represented, or money back.

THE BALTIMORE COOPERAGE CO.

Always mention the Florists' Review when writing advertisers.

spent several days last week in Boston, looking for Christmas novelties.

J. Kopelman & Co. have put in a large line of goldfish and globes for the holidays.

John Burke, with William Hay, is on the sick list with an attack of the grip.

Charles W. Smith, secretary of the Rhode Island Horticultural Society, who was reported critically ill last week, is somewhat improved.

Arthur Griffin, of Newport, was a visitor in New York last week.

O'Connor had the decorations for the big Black-Thurber wedding, December 8.

George Johnson & Sons, of Elmwood avenue, report an unusually large business during the last month or six weeks. They are rushed on plants and decorative stock for Christmas.

Ernst Carl is building a large addition to his dwelling house at 295 Lowell avenue.

The decorations for the twenty-seventh annual concert and ball of the Providence Police Association, in Infantry hall, December 8, were by James B. Canning. Laurel predominated.

Mr. Slattery, with Galvin Bros., of Boston, was in this city December 6.

John Lomas was seriously cut on the right hand by a fall, while putting in some new glass on the greenhouses of E. Schultz, at Westerly.

Robert Johnston enjoyed an exciting day's sport, December 9, in the northern part of the state on a hunting trip. He showed a bag of game upon his return.

W. H. M.

YOUR paper certainly sells the stuff.—G. E. FINK, Roselle, N. J.

HADLEY, MASS.—The contract has been awarded for the glazing of part of the new range of rose houses which the Montgomery Co. is locating here.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By all-round florist; can grow carnations, mums and general stock; not afraid of work, married, 36 years old. Address 351 W. Second St., Peru, Ind.

SITUATION WANTED—After January 5, by a good all-round man; life experience; 38 years old; commercial place; steady, sober. Address No. **85,** care Florists' Review, Chicago.

SITUATION WANTED—As plant grower or general work inside; eleven years in all branches; commercial place preferred. Address No. **94,** care Florists' Review, Chicago.

SITUATION WANTED—Gardener, 22, on private place as assistant; strong, willing and obliging; good grower; first class references; start any time. Address No. **93,** care Florists' Review, Chicago.

SITUATION WANTED—By experienced grower of roses, carnations, mums, bulbs; designer, decorator; good propagator; take charge; best references; good wages. Address Florist, 707 17th St., Detroit, Mich.

SITUATION WANTED—Orchid grower and gardener; thoroughly experienced man, able and willing to work up a collection for any lady or gentleman requiring my services; good knowledge of store, greenhouse plants, vegetables garden and lawn; first class testimonials. Address Gardener, Box 114, Secaucus, N. J.

HELP WANTED—A first-class packer; please give references. Thompson Carnation Company, Joliet, Ill.

SITUATION WANTED—By a young, experienced florist and gardener; good grower of carnations and general line of stock; best references; commercial or private. Address Florist, general delivery, Houston, Texas.

HELP WANTED—At once; a good carnation and mum grower; sober; state wages. H. P. Smith, Piqua, Ohio.

HELP WANTED—At once; a grower of roses and carnations to take charge; single, sober. John Bommersbach, Decatur Ill.

HELP WANTED—A good grower of roses, bulbs and bedding stock; able to handle help; must be a hustler; state salary expected, with references. Address Box 497, Tiffin, Ohio.

HELP WANTED—Storeman; an up-to-date man of experience as salesman and decorator; of good habits and capable of managing city store of a growing concern; state experience, references and salary expected in first letter. The L. C. Heacock Floral Co., Elyria, Ohio.

HELP WANTED—Gardener; married man, positively no children; to take care of small lawn and orchids and fine stove house plants in private conservatory located in central residence section of Philadelphia; best reference required as to ability and character. Apply to Louis Burk, Girard Ave. and Third St., Philadelphia, Pa.

HELP WANTED—At once; a good all-round greenhouse man to grow carnations mums, pot plants, ferns and palms; a good designer; not afraid to work, sober and reliable; to take charge when needed; must have good manners and be clean about his work; $35.00, board and room per month to start. Apply to Nussbaumer Floral Co., San Angelo, Texas.

WANTED—Frank Wagoner please address No. **89,** care Florists' Review, Chicago; strictly to your interest.

WANTED TO LEASE—Greenhouses or stores, in good retail location: state size, rent and other particulars. L. H. Wise, Jersey City, N. J.

PARTNERS WANTED—The advertiser has a business established on a firm basis; too much for one man to look after and push properly; with three good practical men to join me, we should soon be doing big things; so I have decided to form a company of practical men, to incorporate; one should be an all-round indoor man, a good general grower; another should be an all-round outdoor man, nurseryman, gardener and florist; the third should be an up-to-date store man; each of these should have a few hundred dollars to invest in the corporation, to give them a real practical interest in the business and make them push it; location is in a first-class city of 70 000 in western Pennsylvania, establishment located just outside the city limits on car line near large cemetery; no other nursery here; purpose opening store in the city in the spring; splendid opportunity for the right men. Address No. **86,** care Florists' Review, Chicago.

FOR SALE—A good investment at a reasonable price is offered; store and greenhouse, together with an established first-class trade. Address No. **90,** care Florists' Review, Chicago.

FOR SALE—Greenhouse conservatory and garden of three acres of as good land as there is in Illinois new good buildings. Address No. **91,** care Florists' Review, Chicago.

FOR SALE—One-third or half interest in new greenhouses, 10,000 feet of glass, seven acres; finest location in Kansas City, Mo. Address No. **88,** care Florists' Review, Chicago.

FOR SALE—In a growing city of 35,000, in central Ohio, well equipped greenhouse plant of 20,0 0 ft ; partiron gutters and cement benches and walks; steam heat; 2 boilers; natural gas; city water; street cars stop at door; opposite only cemetery in city. A. J. Baldwin, Newark, Ohio.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors 11-ft high, 14-ft. long, 6 ft. wide, price $275 00 f.o.b. Pittsburg. No. 2—McCray box, 10 ft. high by 8-ft. by 6-ft., no glass price f.o.b Pittsburg, $140.00. A W. Smith Co , Keenan Bldg. Pittsburg, Pa.

FOR RENT—For $50.00 per month, one of Chicago's oldest flower shops, ready for business, 25x35, tile floors, refrigerator in large show window, mantel, mirror, etc.; light basement, beamed ceiling; located in large private park, access from four sides; on Clarendon Ave., near Sheridan Road. Albert Fuchs, 803 Sheridan Road, Chicago.

FOR SALE—For $12,000, The North Boulder Greenhouses, of about 7 000 ft glass; hot water heat, store, cut flower cellar hotbed sash small dwelling, barn, horse, wagons, tools and stock in first-class condition: 5 lots, each 140x50 frontage, 250 ft. on main thoroughfare; 6½ blocks from court house and center of city of 12,000 inhabitants; state-preparatory school (500 students); state university (about 1 000 students), now having $500 000 worth of new buildings under construction; fine churches; excellent hotels; Colorado sanitarium; best climate; the 5 lots will in a few years be worth all I ask for the place; owner started here 8 years ago with $300 capital. For further particulars address S. Knudsen, Boulder, Colo.

FOR SALE—Retail store, good location, in Chicago; a bargain. Address No. 74, care Florists' Review, Chicago.

FOR SALE—Two greenhouses, 20x80 feet, in good shape, with ground, very cheap. Address No. 87, care Florists' Review, Chicago.

FOR SALE—In Chicago; 10,000 feet of glass, store, six-room dwelling and land 125x163; good reasons for selling; if you want a bargain, address No. 88, care Florists' Review, Chicago.

FOR SALE—Three greenhouses, one 25x 0, one 18x85, one 8x35; 14 inch glass; roof, Moninger cypress boiled in oil; posts, red square cedar; ventilators; sectional boiler; plate glass, 10x12; all complete for $250 00, cash or time; $50.00 extra, delivered on cars; can be had at once. Albert Fuchs, 803 Sheridan Road, Chicago

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways, orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. 84, care Florists' Review, Chicago.

Situation Wanted.

By thoroughly experienced landscape and nursery gardener, as foreman; 18 years' experience in laying out parks, growing nursery stuff, also fruit; has worked in large French and Holland nurseries, and completed large parks in U. S.; good references. Address No. 95, care Florists' Review, Chicago.

Situation Wanted

By the 1st of January or later, by reliable and experienced florist and gardener, single 34 years; first-class references furnished; please state particulars. Address No. 76, care Florists' Review, Chicago.

Situation Wanted

By a grower of general stock on commercial or private place; strictly sober and trustworthy; good wages expected, state full particulars in first letter. Address No. 80, care Florists' Review, Chicago.

A BUSINESS OPPORTUNITY

Wanted a partner with $5,000, or more and a good practical knowledge of the florists' business to take one-half interest in an established business, 15,000 feet of glass, with boiler capacity for as much more; also room for 50,000 feet more of glass, which could be made to pay big interest on investment, with a growing wholesale business which now exceeds by nearly half my present ability to produce; centrally located, four railroads and all express companies; all correspondence to be confidential. Address No. 53, care Florists' Review, Chicago.

WANTED.

By Jan. 1st, the sooner the better; salesman and decorator between the ages 25 and 35; must be industrious honest and manly fellow, with good habits and reputation; prefer man who has worked in smaller city and had the responsibility and care of medium and small jobs to one who has worked in large city and specialized. Address stating reference and salary expected in first letter; position permanent if satisfactory. Z. D. Blackistone, Washington, D. C.

FOR SALE

Large and small **Norway Maples**, from 1 to 4-inch caliper, **Myrtle** for cemetery and park planting, **Herbaceous Plants** of all kinds, **Privet** of all sizes, from 1 to 12 feet. Orders received now for spring delivery. Cash or deposit with order.

F. A. BOLLES, Coney Island Ave. and Ave. I,
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STORE AND RETAIL BUSINESS FOR SALE

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CYANIDE IN SMALL HOUSE.

In fumigating with hydrocyanic acid gas, what formula should be used in a house 17x40 feet, to rid it of the white fly? The house is partly planted with cucumbers and partly with tomatoes, and is badly infested with the white fly.

J. R. P.

Try one jar with a 2-ounce dose of cyanide, dropped into a pint of water and about the same amount of sulphuric acid. If the dose were divided and placed in two jars, it might distribute better. I think that amount will kill all the white fly. If it does not, increase it to three ounces, placed in two jars, an ounce and a half to a jar, and try again. The insects are easily killed, but there is some danger of injury to the plants if the gas is made stronger than necessary, or if the plants are wet. The plants must be dry and the temperature should be about 60 degrees, for best results.

H. G.

APHIS ON LETTUCE.

Please tell me whether nicotine solution for spraying would be all right to use for aphis on lettuce.

E. O. E.

Yes, the nicotine solution will kill all the aphis that it strikes, without injury to the plants, but it might possibly taste or smell when the lettuce is served on the table. For that reason, spraying for insects on lettuce is not advisable. There is also another reason, and that is, that most of the insects are under the crinkly leaves and are so protected that spraying is not likely to strike a majority of them. In spraying for sucking insects, only those that are struck by the spray are killed. The moment spraying is over the benefit of the spray is over also, and it might be washed off with water from the hose.

H. G.

SPRAYING FOR APHIS.

I am writing to you on recommendation of the Leonard Seed Co., for information regarding the best method of dealing with those little green lettuce lice in a hothouse. Is there any other method of destroying them besides smoking with tobacco stems? It is not very convenient to smoke my house. Is there anything that can be sprayed on the lettuce that will destroy the bugs and not hurt the lettuce? For instance, I have some lettuce in outside beds that cannot be smoked and is covered with bugs. I should be thankful for any information on the subject.

G. J. H.

Any and all insects can be kept in check by using a swift, fine spray on the plants from the hose. It knocks them from the leaves, drowns many of them and keeps the others from breeding, if done frequently. This is probably the only way to get any relief on beds which you cannot fumigate.

If you are dissatisfied with the tobacco stems for fumigating in the greenhouse, try some of the aphis punk fumigating papers. They are excellent for aphis.

H. G.

LETTUCE IN SIX WEEKS.

In the REVIEW some weeks ago I read something about forcing lettuce so as to cut it in six weeks from the time the young plants were set out. I should like to ask how it is done and what the name of the variety is.

F. H. B.

Grand Rapids forcing lettuce is the most popular variety of leaf lettuce and is grown exclusively by a majority of the leaf lettuce growers. It can be marketed in six weeks from the date of transplanting into the benches, but usually takes a week or so longer in winter. The length of time is uncertain, depending upon temperature, time of year, size of plants, when set out, or other points in their care.

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H. G.

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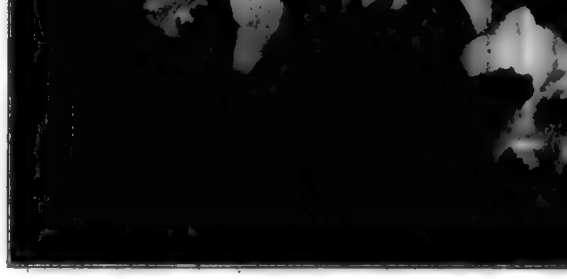
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Telephone 759 Madison Square



Thirteen years of steady growth and inspirational success in popularizing the **Orchid,** the u
variety, and here only. When the test of unusual demand appears we **always** have them in **their**
disappointed. That fact is worth much in the way of confidence to me, and should be so to you
and profitable for you. Here comes the holiday procession! Better tell me early what your sel
Cypripedium. Enough for all, and all you need for you. It is hardly necessary to tell you
Lilies, Poinsettias, Asparagus and **Roses.** These have long been a household word. Now prosp
Panama canal, the wonderful waterways and developments through irrigation, the encouragement
coming year. What can prevent the Florists' industry from securing its share of the " good time

Old year you shall not go—
So long as you have been with us,
Such joy as you have seen with us,
Old year, you shall not go!

He filled his bumpers to
A jollier year we may no
And though his eyes are
And though his foes
He was a friend to

May your New Year be the best of your life and let

JAMES M

Wholesale Florist, 42 West 2

Headquarters for CUT OR

ORCHIDS

ORCHIDS



1909

Telephone 759 Madison Square

ORCHIDS

the **undisputed and Crowned King of Flowers.** Here they are, as usual, in abundance and **their season** and you can call on us any day of the 365 and **know in advance** you will not be o you. To know that you have an unfailing source of supply makes **decorative estimating easy** ur selection is as they go by—**Percivaliana, Dowiana, Trianae, Formosum, Calanthes, Laelia,** you of our superb **Gardenias, Yellow and White Daisies, Lily of the Valley, Wallflowers,** prosperity is general. The President's message is reassuring. Great national achievements: the ment of our merchant marine, the great harvest of 1909, and the wonderful outlook for that of the time coming?" Perhaps we feel with Tennyson:—

ers to the brim
nay not see,
es are waxing dim
s foes speak ill of him,
nd to me.

But the New Year "waiteth at the door,"
And "There's a new foot on the floor, my friend,
And a new face at the door, my friend;
A new face at the door."

let Orchid Headquarters do its share in your behalf

McMANUS

st 28th Street, New York City

RCHIDS IN AMERICA

ORCHIDS

ORCHIDS

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street — **Cable Address: ALEXCONNELL** — **Western Union Code**

A. W. Smith Co.

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KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

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DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Flowers Delivered to All New England Points

Morse & Beals

Florists

8 Merrimack Sq., Lowell, Mass.

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The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

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DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

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Telephones, Prospect 2840 and 4065.

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orders given careful attention

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Iowa Seed Co., Proprietors

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Delivered in Albany and vicinity on telegraphic order

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Wm. L. Rock Flower Co.

Kansas City, Mo.

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Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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WE DELIVER ONLY

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Both Long Distance Phones.

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Mention The Review when you write.

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Late with Thos. Young, Jr.

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Near Madison Ave.

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Send me your Christmas orders this year. I will give them personal and careful attention. Steamer and theatre work my specialty.

Mention The Review when you write.

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

Mention The Review when you write.

JAMAICA PLAIN, MASS.

The Jamaica Plain Flower Store began business just fifteen years ago, December 10. The venture was made by the present proprietor, L. C. Margot, with his cousin, Adolphe Piguet, who then operated greenhouses in West Roxbury. Half of the shop on Elm street, adjoining Marshall's livery stable, served as store for a few weeks, when it became necessary to remove to a more practical location, this being to the store on Seaverns avenue, now occupied by the Clark Dry Goods Co. The partnership with Mr. Piguet was dissolved in about two years, he having been offered a position in the Harvard Museum of Botany, and therefore the business has been developed to its present condition by Mr. Margot. At the end of a five years' lease of the Seaverns avenue store, the

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Brodway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

W. A. Hammond

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Prompt shipment to all points in Virginia, North Carolina and other states

200,000 feet of glass to Cut Flowers

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Choice Flowers Rare Plants For All Occasions

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59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

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Headquarters for Cut Flowers and Funeral Designs

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The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones 4025-40x6, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Established 1874

WARENDORFF

NEW YORK CITY.
The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.

FLORISTS
COVER ALL OHIO POINTS
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Long Distance Phone
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Retail Florists
Flowers for all occasions, from cradle to grave.

E. O. LOVELL

GRAND FORKS
will give prompt attention to all orders for delivery in North Dakota

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The Anderson Floral Co.

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BERTERMANN BROS. CO.

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Orders for North Carolina promptly attended to by

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14th and H Streets

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Also
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Baltimore, Md.

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EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

Washington, D. C.

Marche & Co.
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14th and H Sts.

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In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

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ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

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Both Long Distance Phones

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We ship to all points in Illinois and Iowa.

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C. M. SCHAEFER, Mgr.
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Minneapolis, Minn.

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SWANSON'S, 618 Nicollet Ave.

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JACOB SCHULZ, 550 So. Fourth Ave.

A. C. BROWN,

SPRINGFIELD, ILL.
LARGE GREENHOUSES

business was moved to the present location, 696 Centre street, where it has been steadily improving and growing during the last ten years.

BUFFALO.

The Market.

Christmas is in the air. Ideal Christmas weather set in a few days ago, with heavy snow and cold. The stores have all taken on a holiday look, decorating with holly, statice, etc.

Stock around town is scarce and some of the store men have been east buying for the big trade. Neubeck, Palmer and Weise were down east last week and re-

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

"Where Quality is Paramount."

Ellison Floral Co

Both Phones. 4511-13 Olive St., ST. LOUIS

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1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph.

All orders given prompt attention.

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906 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill Mo.

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Regular discount allowed on all orders, either Plants or Cut Flowers.

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Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

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CLARKE BROS. 289 Morrison St.

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Special Deliveries Niagara Falls and Lockport

PROVIDENCE, R. I.

and all New England Points

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Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

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MINNEAPOLIS, MINN.

Funeral designs on short notice. One of the largest establishments west of Chicago.

turn with the news that stock is none too plentiful there.

Bowling.

As the bowlers approach the middle of the season excitement is keen. Sandiford still heads the list, with others close on his heels. The averages of the bowlers to date are as follows:

Sandiford	172	Scott	137
McClure	164	Felbelcorn	132
Wallace	161	Greiver	130
Neubeck	161	Longley	128
Gibson	160	Slattery	127
Walther	160	Gillis	126
Streit	155	Stunz	120
Stephan	137	Forbier	95

R. A. S.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Celtic	New York	Liverpool	Dec. 18
Haverford	Philadelphia	Liverpool	Dec. 18
California	New York	Glasgow	Dec. 18
Neckar	New York	Bremen	Dec. 18
San Juan	New York	Porto Rico	Dec. 18
Mongolia	S. Francisco	Manila	Dec. 21
Kaga Maru	Seattle	Hongkong	Dec. 21
Mauretania	New York	Liverpool	Dec. 22
Oceanic	New York	S'hampton	Dec. 22
Finland	New York	Antwerp	Dec. 22
Minnesota	Seattle	Manila	Dec. 22
Laura	New York	Italy	Dec. 22
La Provence	New York	Havre	Dec. 23
Philadelphia	New York	S'hampton	Dec. 24
Magdalena	New York	Jamaica	Dec. 24
Corsican Pr.	New York	Brazil	Dec. 24
Carolina	New York	Porto Rico	Dec. 25
Tenyo Maru	S. Francisco	Hongkong	Dec. 28
Monteagle	Vancouver	Philippines	Dec. 28

John King Dunn

Flower and Plant Shop

644 Madison Ave., just above Fifty-ninth St.

Phone 410 Plaza. New York City

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Corner Broadway and Gratiot Ave.

DETROIT, MICH

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1407 Fairmount Ave. and 702 N. Broad St.

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Orders for Philadelphia and surrounding country carefully filled on short notice.

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Everything grown here fresh every day

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41 Peachtree St., ATLANTA, GA.

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SPOKANE, WASH. Up-to-date Florists

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Daily deliveries to Notre Dame University and St. Mary's Academy.

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PERSONAL ATTENTION GIVEN YOUR CHRISTMAS ORDERS. SATISFACTION GUARANTEED

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Orders solicited for all parts of Connecticut.

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Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....

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All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand

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ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

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ST. PAUL, MINN.

WASHINGTON, D. C.

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We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.

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ALWAYS ON HAND.

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Established 1857.

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737-739 Buckingham Place

L. D. Phone 558 Lake View — CHICAGO

Send us your retail orders. We have the best facilities in the city.

Send Your **PHILADELPHIA** Orders to

CHARLES HENRY FOX

Sign of the Rose

BROAD AND WALNUT STREETS

Always on Time

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NEW YORK CITY

Out-of town orders for delivery in New York carefully and promptly filled at reasonable rates.

HUGO H. JAHN

Floral Designer and Decorator

Nostrand Ave. and Prospect Place, Brooklyn, N. Y.

Telephone No. 1592 Bedford

In the heart of the Bon Ton section of the City of Churches. Send your orders for steamers, theaters, etc. One trial will convince you.

Hoffman FLORIST

59-61 Massachusetts Ave. cor. Commonwealth Ave.

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JOHN A. KEPNER

Box 3, HARRISBURG, PA.

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MILWAUKEE, WIS. LEADING FLORIST

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The Fernery **E. D. SCHULTHEIS** FLORIST

Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.

HALL & ROBINSON, 855 St. Catherine Street, West.



Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

WALDO ROHNERT, Gilroy, Cal., finds it necessary to abandon the eastern trip he had planned. He is this season increasing his acreage in seed crops from 800 to 1,000 acres.

JAMES VICK'S SONS have a new pink aster, which has been given the name Rochester, and which the Chamber of Commerce there has adopted as the official flower of the city.

AT the annual meeting of the Rhode Island Grange Society, last week, it was voted to ask the general assembly to enact a law to provide for an inspection of all seed that is sold for horticultural and agricultural purposes in that state.

MOST of the big seed houses will this season avail themselves of the privilege of mailing their catalogues prepaid in cash without stamps. The post-office regulations have now been so simplified and have become so well understood that a considerable saving is made to anyone mailing large quantities of identical pieces.

THE first of the eastern general seed catalogues for 1910 to reach the REVIEW was that of the Livingston Seed Co., Columbus, O., which came to hand December 12—an advance copy—with which was enclosed the special catalogue for market gardeners. The general catalogue celebrates the sixtieth anniversary of the house and it is natural that a specially fine book should have been issued. The embossed lithograph cover of course carries a tomato, with the Ohio Sugar muskmelon on the back. The prices are of course a matter of interest. Peas of the popular sorts are from $2 to $2.75 per peck; beans from 40 cents to 60 cents per quart, with most of the largest sellers at 50 cents; Crosby's Egyptian beet, 75 cents per pound.

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

PLANTS and BULBS for Florists' forcing; Azaleas, Rhododendrons, Lilacs, etc.; Romans, Valleys, Lilies, etc., imported to order; delivery. Fall season 1910. Address

AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

Mention The Review when you write.

THE price of bouquet green in the west this year is governed entirely by the exigencies confronting the buyer.

THE scientific side of seed growing is receiving constantly increasing attention the world over, but the venerable house of Vilmorin-Andrieux & Co., Paris, is easily the leader in this respect and its work is coming to be recognized far and wide as of large importance to the industry of agriculture.

A BREACH of warranty case in Ireland recently was decided for the defendant, the Irish Wholesale Agricultural Society, on the ground that "a good or bad crop depended very much on the way the seed was sown, the soil, the climate and other matters beyond the control of the suppliers of the seed."

THE Aggeler & Musser Seed Co., Los Angeles, Cal., has sent the REVIEW an advance copy of its 1910 catalogue, now ready for mailing. The book shows progress. It carries lithographed covers, White Seeded Kentucky Wonder bean on the front and First Early tomato on the back, and contains 144 pages.

THERE still are some small surpluses of Dutch bulbs in the east.

DUTCH-BULB salesmen have become numerous in the west; they are coming earlier every year.

IF there is not a big business in gladiolus bulbs next spring, a number of people will meet with financial disappointment—but there is little danger of that.

THE U. S. Department of Agriculture issued, December 4, a bulletin on "The Deterioration of Corn in Storage" that will be of interest to seedsmen. It is by J. W. T. Duvel.

IN England all the conditions of "service" are closely prescribed by law. A new regulation limiting the hours of employment is held to apply to seedsmen's assistants and is causing alarm as being likely to seriously hamper the seed trade during the busy season.

W. W. BARNARD Co., Chicago, who annually make a leading specialty of Christmas greens in a wholesale way, are enjoying an extremely successful year with that highly speculative commodity, bouquet green. Acting on their belief that this was to be a year of shortage,

TO BUYERS OF

Choice Vegetable and Flower Seeds

OF HIGH GRADE QUALITY

Our illustrated list of Novelties was published last October, and should now be in the hands of all our customers.

Wholesale ILLUSTRATED Catalogue of our Specially Selected Vegetable and Flower Seeds now published. This catalogue contains 170 electros of Vegetables and Flowers, beautifully printed from photographs direct from nature. Send post card, and one will be promptly sent you.

WATKINS & SIMPSON

Wholesale Seed Merchants

12 Tavistock Street, Covent Garden, LONDON, ENGLAND

English Garden and Flower Seeds

THE TRADE REQUIRING

English Strains—English Grown

SHOULD ASK FOR PRICES FROM

KELWAY & SON

Wholesale Seed Growers

on their own freehold farms and in their celebrated nursery at

Langport, Somerset, England

Growers of choicest and newest Peas, Beans, Beets, Brassicas, Carrots, Onions, Lettuces, Cucumbers, Tomatoes, Turnips, Parsnips, Parsley, etc., from raisers' packets **for High-class Exhibition Trade.**

Independent, REASONABLE PRICES, Especially for Cash

Choice English Flower Seeds, such as Calceolaria, Cineraria, Asters, Stocks, Kelway's celebrated Gaillardia, Old English Hollyhocks, Pansy, Nasturtiums; true stocks of new English Sweet Peas, very carefully rogued; Wallflowers, etc.

Write for Special Offer Prices NOW and at any time



MR. HOMMO TEN HAVE

Westernwolth's Rye Grass Seed (Lolium-Westerwoldicum).

Herewith I have pleasure to inform my Foreign Customers that I am ready to offer my new crop of

Westernwolth's Rye Grass Seed

(Lolium-Westerwoldicum)

I shall be much obliged to have you inquire for sample and price.

Every seedsman who has not made a trial with my New Variety of Grass Seed should not fail to send post card for sample and circular giving full particulars.

Yours faithfully, **HOMMO TEN HAVE**

Seed Grower and Seed Merchant; only wholesale grower of Westernwolth's Grass Seed

SCHEEMDA, HOLLAND (Formerly Westerlee)

The Best and Quickest Growing of all Grasses. Never Beaten by Any Other Variety of Rye Grasses

they did not hesitate to take in all offerings.

THE general catalogue of the Holmes Seed Co., Harrisburg, Pa., is in the mails.

VISITED BOSTON: James Comont, representing James Carter & Co., London, England.

ARTHUR T. BODDINGTON, the New York seedsman, has closed his summer residence at Yonkers and returned to his Brooklyn home for the winter.

THE W. E. Kirchhoff Co., at Penbroke, N. Y., not only make a specialty of growing gladiolus bulbs for the trade, but are large shippers of florists' peat.

THE prices for produce are somewhat better than they were. This has a tendency to make the truck gardener more satisfied, and it will have a good effect on his spring seed order if it keeps up through January.

VISITED CHICAGO: W. H. Grennel, East Saginaw, Mich.; Mel. L. Webster, Independence, Ia.; L. M. Kimberlin, of Kimberlin Seed Co., Santa Clara, Cal. W. J. Fosgate and Chas. P. Braslan are expected to arrive shortly.

THE December onion set shipments are now going forward. It is reported that some of the stock is not keeping so well as was expected. The loss from this cause will have quite a bearing upon the value of sets when the spring demand begins.

TRADE conditions in general are reported good. Orders are more plentiful than the stock to fill them. The wholesalers are busy, some of them finding night work necessary to keep up. The catalogue men are expecting a good trade and are ready for it.

IT is interesting to note that the U. S. Department of Agriculture is watching the importations of grass seeds and grass seed adulterants, through the two-ounce samples gathered at the custom houses, and is following up their distribution after importation.

PUTTING finishing touches on the catalogues, the holly and green business, and the anxiety to get from the growers all that is coming to them on the pro rata basis, keeps many of the seedsmen from revising the list of those to whom they will give Christmas presents.

New Seed Phoenix Roebelenii

The Only Seed to be Offered.

SANDER, 235 Broadway, Room I, New York City

Representative, T. MELLSTROM.

Mention The Review when you write.

KALLEN & LÜNNEMANN, Boskoop, Holland

wish their many friends and customers a **Merry Christmas** and **Happy** and **Prosperous New Year.**

For Spring delivery they recommend their large stock and extensive collection of **Rhododendrons, Azaleas, Koster Blue Spruce, Conifers, Japanese Maples, Clematis, Roses, Ornamentals, etc.**

CATALOGUE AND PRICES FREE UPON APPLICATION

Mention The Review when you w

COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

P. O. Box 1250 26 Barclay St., NEW YORK

Mention The Review when you write.

F. J. Grootendorst & Sons

BOSKOOP, HOLLAND

Azaleas, Rhododendrons, Clematis,

Roses, pot-grown plants for forcing.

Buxus, Conifers, Japanese Maples,

Shrubs, Palms, Bulbs, Etc.

A postal brings our catalogue.

LET US QUOTE PRICES ON YOUR LIST OF WANTS

Mention The Review when you write.

HASSLACH'S

25th Jubilee Catalogue

1884-1909

For Flower and Garden Seeds, just issued.

JACQUES HASSLACH, Seed Grower

Mimosa Farm, St. Remy de Provence, France

Mention The Review when you write.

German Stock Seeds

A GRAND SPECIALTY

Price list on application.

PAUL TEICHER, Striegau, Germany

Oldest Special House

CAULIFLOWER CABBAGE Seed

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

Always Mention the....

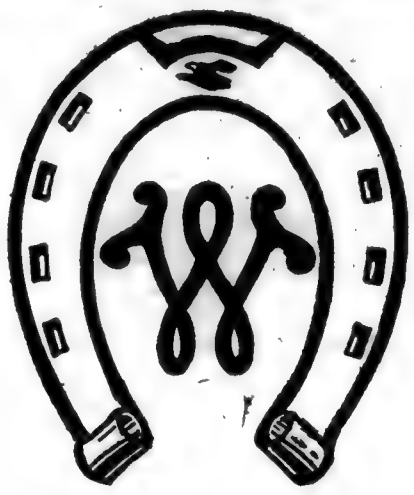
Florists' Review

When Writing Advertisers

THE specific duties on seeds seems to give a great deal better satisfaction to the seedsmen than the old plan. We do not hear so many complaints about the time it takes to get import shipments through the customs house.

THE shipments from Europe are farther behind hand than ever. Reasons given are that the weather has been unfavorable since harvest time, causing delay in threshing and cleaning. The va-

Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

RALPH M. WARD & CO.,
12 West Broadway NEW YORK

Mention The Review when you write.

Arkansas Valley Seed House

Lakin, Kan.

CONTRACT SEED GROWER

of Watermelon, Muskmelon, Cucumber and Squash. All seeds grown under irrigation. 20 years' experience. Write us after the 1st of January for estimates on 1910 crops. We also have a small surplus of several varieties of Muskmelon and Cucumber.

Write us today.

Mention The Review when you write.

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write.

rieties that the American seedsmen depend upon European growers for are so important that this unusual delay causes much inconvenience.

ALL the California growers' representatives on eastern trips report conditions on the coast quite favorable, when they left there, for seasonable operations, and the outlook is said to be very encouraging for getting everything in shape for a good harvest in 1910.

IMPORTS.

The imports of seeds through the port of New York for the week ending December 4 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto ..	4	$ 40	Lycopod'm ..	6	$ 477
Caraway ..	24	375	Millet	485	1453
Castor	3284	11341	Mustard	763	5255
Celery	150	2273	Poppy	2	11
Clover	30	900	Rape	22	153
Cummin ..	52	767	Other		6767
Grass	1258	4077			

In the same period the imports of bulbs, trees and plants were valued at $27,340; peas, $2,195, and beans, $18,285.

LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

Mention The Review when you write.

C. C. MORSE & CO.

WHOLESALE SEED GROWERS

SAN FRANCISCO CALIFORNIA

YOU will be satisfied with the products of

Burpee's "Seeds that Grow"

Better write to **Burpee, Philadelphia,**—for new Complete Catalog

Mention The Review when you write.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

Mention The Review when you write.

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

BEAN, CUCUMBER, TOMATO

Radish, Pea, Muskmelon

Squash, Watermelon, Sweet Corn

CORRESPONDENCE SOLICITED.

Mention The Review when you write.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

Mention The Review when you write.

Onion Sets = Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

Mention The Review when you write.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

Mention The Review when you write.

RETAIL PRICES.

Judging from the prices printed in catalogues for 1910 so far at hand, values in most cases will be about as they were in 1909. In the case of beans the early issues of catalogues are likely to

GET QUOTATIONS FROM

LANDRETH SEEDS WHICH SUCCEED

Bloomsdale Farms **BRISTOL, PA.**

Mention The Review when you write.

THE HAS. H. TILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

Mention The Review when you write.

MICE PROOF SEED CASES

HELLER & CO., Montpelier, O.

Or 220 Wyandotte St., Kansas City, Mo.

Always mention the Florists' Review when writing advertisers.



Prize-winning Display of Lily of the Valley Staged at Chicago by H. N. Bruns

You can have VALLEY just like this for CHRISTMAS

If you order BRUNS' VALLEY now

You can have VALLEY like this ALL THE YEAR ROUND, if you give me an order for VALLEY PIPS for regular shipments and grow my

CHICAGO MARKET BRAND, Finest Valley in America

Giving the largest number and biggest bells all the year round.
There is nothing **better** imported. $1.75 per 100; $15.00 per 1000.

BERLIN SPECIAL BRAND. Fine Valley for early and spring forcing, giving good results. $1.50 per 100; $13.00 per 1000.

H. N. BRUNS, 1407-11 W. Madison St., CHICAGO

Mention The Review when you write.

have prices too low, especially on the popular varieties of wax sorts, as the deliveries are falling much below estimates.

Cucumbers and muskmelons should be higher than last year, although the trade in general seems inclined to hold close to last year's prices for the retail catalogue.

Golden Self Blanching celery is one item that must go up. Onion seed, it is thought, should stand at last year's prices. Beets, radish and all root crops would stand for an advance. Sweet corn is worth as much or more. Peas of all varieties and pole beans are shorter than they were reported at this time last year. The dwarf limas are as scarce and judging from reports gathered from reliable sources nothing in garden seeds need be priced low.

LILY BULBS.

A suit, the outcome of which will be watched with interest by the trade because of the fact that everyone dealing in seeds and bulbs is exposed to the same danger, has been instituted by Eugene N. Foss against Herbert W. Rawson and Sarah E. Rawson, executors of the estate of W. W. Rawson. The action is in the Superior Court at Boston and the bill filed in connection therewith sets up a claim for damages in the sum of $10,000 as the result of the alleged failure of a crop of lilies forced for Easter, 1908.

Eugene N. Foss is proprietor of the Rosemere Conservatories, at Dorchester, of which David Ring is superintendent. In his bill of complaint Mr. Foss says that in 1907 he bought 9,200 lily bulbs from the late Mr. Rawson—4,100 of them

LILY OF THE VALLEY FOR PROMPT DELIVERY

EXPOSITION GRADE. This is an extra fancy grade of Berlin crowns. There are never enough of them to supply the demand. Out of Mr. Reimschneider's entire growing, he usually has only 50,000 to 75,000 of this grade, which is evidence of the care with which they are selected. **In cases of 2000 crowns, at $32.00 per case; $17.00 per 1000.**

PERFECTION GRADE. This is a true Berlin, extra selected, 3-year-old straight, long, clean crown with long, fibrous roots. Under proper treatment, they force out with tall racemes, bearing the maximum number of large bells free from decay at the bottom. The foliage is ample but not too abundant. **In cases of 1000 pips, at $14.00 per case.**

HOLSATIA GRADE. These are suitable for later forcing, or for cold storage purposes, and are highly recommended to seedsmen. Very fine selected 3-year-old Hamburg Pips, very heavy roots, extra strong growth. Will hold over well in cold storage and produce good flowers the following fall. **In cases of 2500 pips, at $30.00 per case; per 1000, $13.50.**

HYDRANGEA OTAKSA. Pot-grown, fine plants, in 6-in. pots, **$15.00 per 100.**

JACKSON & PERKINS CO., NEWARK, NEW YORK

Mention The Review when you write.

CUT PRICE ON FORCING GLADIOLUS

	Per 100	Per 1000
THE BRIDE, Pure White	**$0.50**	**$4.50**
BLUSHING BRIDE, Rosy White, striped Carmine	**.60**	**5.50**
PEACH BLOSSOM, Delicate Pink	**.85**	**8.00**

STOKES' SEED STORE, 219 Market St., Philadelphia.

Mention The Review when you write.

Sow Now

Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, **we shall be glad to mail one on receipt of a postal.**

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

Mention The Review when you write.

Horseshoe Brand Products

This country is the richest in the world. The wealth is not in Wall Street either—it is from the soil. Our products this year are worth nearly nine billion dollars. If the market value of our crops this year had to be paid for in spot cash in one transaction, the world's known stock of gold would fall one billion dollars short of footing the bill. The corn crop, valued at $1,720,000,000, has been grown in about 120 days, or at the rate of about $15,000,000 a day. The cotton crop in the south will be worth twice as much as the entire gold output of the world this year. The mills in the south are consuming nearly one-quarter of this cotton. It was only thirty years ago when they began spinning. We are progressing every year. The value of our crops has almost doubled in ten years.

Are you progressing with the times? Are you increasing your sales? We are, and you will too if you can produce the goods. Buy the very best in bulbs and sell at a profit. Good flowers always sell before poor ones, no matter what the price may be. Great care should be used, especially in buying Lily Bulbs. Buy selected goods; good, clean, well cured bulbs. For next Easter (April 16, 1911), we recommend Horseshoe Brand Giganteum. These bulbs are the cream of the crop; raised from only the healthiest seed bulbs; well ripened before they are harvested, and every case will be carefully inspected before shipment. We know from what field every case of bulbs comes; a most complete record being carefully kept.

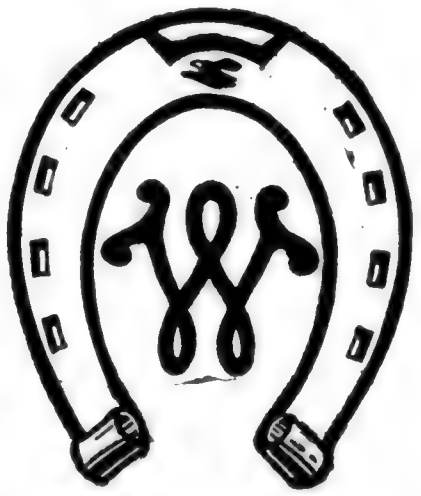
Ask any grower of Horseshoe Brand Giganteum what his opinion is. We don't ask you to take our word for it. Write us.

Ralph M. Ward & Co.

12 West Broadway, New York

Representing
Seitaro Arai, Yokohama, Japan. Martial Bremond, Ollioules, France

Cold storage Giganteum, Multiflorum and Speciosum ready for immediate shipment, or for shipment during 1910—Order now before they are gone.



Not How Cheap, But How Good

CANNAS

A select list of 30 extra good sorts; very heavy supply.

Dahlias

Jack Rose, Virginia A. Maule and many of the free blooming kinds that pay. Very large clumps; critically grown.

Gladioli

America, Augusta, Jessie, May, Mrs. King, Princeps; the extra good ones for florists; good for all purposes; surest bloomers.

Iris

The cream of over 500 sorts. Every florist should grow a few; they add variety and pay well.

Oxalis

Deppei, Lasiandra, Shamrock.

Peonies

1200 sorts; greatest collection; world wide. **La France** (Lem.), **M. M. Cahuzac, Baroness Schroeder, Milton Hill, P. Duchortre, La France** (P. M.), **Sarah Bernhardt, Marie Stuart, Dorchester,** etc., in extra supply. Strong plants.

Vines

Cinnamon and Madeira Vines

An excellent growing season has given us very fine clumps, bulbs and tubers.

Our supply is very large; exceptional quality. Send us a list of wants for special low prices. Our aim is to have the best sorts, best quality and harmonized with low prices—too low for the quality. We can use quite a lot of items in exchange—Carnation R. C., etc.

C. BETSCHER

CANAL DOVER, OHIO.

Mention The Review when you write.

were of the variety Lilium longiflorum multiflorum, and 5,100 were invoiced as Lilium longiflorum giganteum. Mr. Foss bought them for forcing for the Easter market of 1908, he says, and claims the seller was fully informed as to what he intended them for. He avers that he planted the bulbs and gave them every care, spending considerable money, but alleges the bulbs proved to be untrue and the crop a failure. He asks recompense for his loss of possible profits.

This appears to be another of those cases which will afford a test of the non-warranty now generally employed.

SEED APPRAISEMENTS.

The Board of General Appraisers, in the customs service, December 9 announced some reappraisements, which, while of minor importance, will be of interest as showing the invoice values on some of the large quantity of seeds entered through the port of Detroit:

SEEDS.—From Cooper, Taber & Co., London, exported Nov. 9, 1908, and Feb. 9, 1909; entered at Detroit. File Nos. 50685 and 51035. Invoice Nos. 24777 and 3192. Findings of De Vries, G. A.: Turnip White Egg and Long White Meaux; entered at 33s per cwt. Radish White Strasburg; entered at 44s per cwt. Kohl-rabi White Vienna; entered at 105s per cwt. Turnip Dobbins Golden Ball; entered at 33s per cwt. Radish White Icicle; entered at 40s per cwt. Ditto Chartier; entered at 42s per cwt. Discount 5 per cent. Add bags. No advance.

SEEDS.—From Gustav Jaensch & Co., Aschersleben, exported Nov. 21, 1908; entered at Detroit. File No. 50687. Invoice No. 1591. Findings of De Vries, G. A.: Radish Express Scarlet Turnip and Scarlet Erfurt Dreienbumen; entered at 78 marks per 100 kilos. Spinach Early Giant Thick Leaved; entered at 38 marks per 100 kilos. Beet Egyptian Blood Turnip; entered at 58 marks per 100 kilos. Parsley Early Turnip-rooted Thick Sugar; entered at 43 marks per 100 kilos. Spinach Jaensch's Original Giant Victoria; entered at 38 marks per 100 kilos. Parsley Dwarf Perfection Dark Green Moss Curled; entered at

GLADIOLI

Society of American Florists
AND
Ornamental Horticulturists.

This is to Certify that

E. E. Stewart

is entitled to

HONORABLE MENTION

for Gladiolus Fairy Queen, Lucille, Golden Queen, President Taft

Exhibited at Cincinnati, Ohio, August, 1909

J. H. Valentine President *Niles N. Rudd* Secretary

GOLDEN QUEEN. Rich cream color, clear cut maroon blotch, early, $4.00 per 100; $30.00 per 1000.

PRES. TAFT. Large, well opened flower of good pink shade with darker stain on lower petals, immense in bulb, spike and flower, $3.00 per 100; $25.00 per 1000.

These varieties are good for cut flowers, are offered to the trade for the first time, and should be catalogued by all up-to-date houses.

AMERICA. 1½ to 2-inch, $30.00 per 1000. 2-inch and up, $35.00 per 1000.

I am headquarters for planting stock of **MME. MONNERET,** and can supply in large lots.

Contracts for crop of 1910 solicited. Send for list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

A Chance of Your Lifetime—Never to Return

Speak quick and have the benefit of the new tariff, while stock is on hand.

Prices are strictly net cash and not less than 1000 in a lot.

HYACINTHS

In separate colors.....$12.00 per 1000 Extra, to name, fine stock.....$22.00 per 1000

TULIPS

Single or double, in separate colors, $4.00 per 1000.

	Per 1000		Per 1000
Artus	$ 6.00	Rose Blanche	$4.00
Belle Alliance	10.00	Yellow Prince	5.00
Cardinal's Hat	5.00	La Candeur	8.00
Duchess de Parma	5.00	Rex Rubrorum	8.00

CROCUS

Striped, white and purple, $1.50 per 100.

A full line of **Boxwood**—all sizes, Deutzia Lemoinei, Lilacs and specimen Evergreens are now ready to be sent out.

F. W. O. SCHMITZ, - Prince Bay, N. Y.

Mention The Review when you write.

Winter Flowering Sweet Peas

We carry in stock, all the leading and up-to-date varieties, and have many testimonials as to quality and trueness of type. Write for our Spring Catalogue for varieties worth growing.

ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY

Mention The Review when you write.

Meadowvale Florists' Light Mixture of Gladioli for Florists

WHAT DO YOU THINK OF THIS

UNPARALLELED OFFER

You cannot duplicate the quality for several times the price.

There are varieties in this mixture you would not sell for $15.00 per 100.

The vitality and power of multiplication is exceptional.

.....1910

ARTHUR COWEE, Gladiolus Specialist,
Meadowvale Farm, Berlin, N. Y.

Dear Sir:

Herewith find $..... for which you may enter my—our order for.....thousand of your Meadowvale Florists' Light Mixture to be shipped via freight—express about.....

.....F. O. B. Berlin, N. Y.

This order is given by me—us and taken by you with the understanding that if given proper soil and cultivation, we can, after blooming this season (1910) conscientiously say we have not received full value I—we can, at harvest time, return the stock, together with its increase in bulbs and cormels to you via freight—express and you will refund the above amount paid.

If returned freight—express charges will be paid by me—us.

Name .....

Town .....County .....

State .....

This order has been accepted and entered under the above conditions.

Berlin, N. Y.....1910

.....

For forcing I can recommend it as being almost equal to the best named varieties generally used for that purpose.

It contains named novelties of merit, and hybrids bred especially to supply the needs of Florists requiring light colors.

Having for many years experimented extensively to the end of supplying a White and Light Mixture especially adapted to the Florists' trade, for Funeral and Decorative work where light colors alone would be appropriate, I am now prepared to furnish my Meadowvale Florists' Light Mixture, which I can guarantee to contain the best quality obtainable in the world at the price. There is such a variation in Florists' Mixtures, as generally offered, that I do not wonder at the frequent disgust of the purchaser, and in my preparation of this stock I have endeavored to eliminate every variety with which the most critical florist could find fault, annually adding desirable varieties and roguing each year more closely.

This Mixture was first offered by me in 1906 since which time I have been unable to supply the demand. I have, however, this year a good stock and invite a trial from those not acquainted with, and increased orders from those who know its merits. For this season, 1910, it will be sold only by me and in lots of not less than 1,000 or more. **Price, $15.00 per 1,000,** F. O. B. Berlin, N. Y., cash with order, and will be sold subject to the conditions on above order blank.

This offer will hold good as long as the stock lasts and orders will be entered in their turn, although shipment may not be required until later. When the stock is all sold, this offer will be withdrawn, without further notice, therefore do not delay and miss it. May I not have the opportunity of demonstrating that I have a Mixture which, after growing one season, you would not part with for double the price paid? If so, fill out the order blank and send to me with remittance and I will sign and return duplicate to you.

Illustrated Catalogue of Other Collections, Mixtures and Named Varieties will be Mailed upon Application.

ARTHUR COWEE

GLADIOLUS SPECIALIST

Meadowvale Farm **BERLIN, N. Y.**

Lily of the Valley

PERFECTION PIPS

Case of 2000 pips, $26.00; 1000, $14.00.

Can be forced into flower 1st January.

Selected 3-year HAMBURG

Case of 2500, $26.00; 1000, $11.00.

WM. ELLIOTT & SON
NEW YORK, N. Y.

Mention The Review when you write.

LILIUM GIGANTEUM

7/9, fine bulbs, ready for delivery from cold storage as desired, $8 50 per 100; $80.00, 1000.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

58 marks per 100 kilos. Chevril Extra Moss Curled; entered at 48 marks per 100 kilos. All no advance.

SEEDS.—From Sluis & Groot, Enkhuizen, exported Dec. 4, 1908; entered at Detroit. File No. 50688. Invoice No. 3625. Findings of De Vries, G. A.: Cabbage Dutch Early Dwarf Red and All Head Early; entered at 74s 9d per cwt. Kale Dwarf Green Curled; entered at 52s 3d per cwt. Chives; entered at 13s 6d per pound. All no advance.

SEEDS.—From L. Robert & Co., Brain Sur l'Anthion, exported Dec. 7, 1908; entered at Detroit. File No. 50791. Invoice No. 246. Findings of De Vries, G. A.: Carrot Guerande, or Ox Heart; entered at 75 francs per cwt. Carrot St. Valery Long Red; entered at 72.50 francs per cwt. Celeriac Large Smooth Prague; entered at 77.50 francs per cwt. Carrot Half Long Chantenay; entered at 75 francs per cwt. Add bags. All no advance.

SEEDS.—From Vilmorin, Andrieux & Co., Paris, exported Oct. 31, 1908, and Jan. 18, 1909; entered at Detroit. File Nos. 50684 and 50887. Invoice Nos. 24349 and 1515. Findings of De Vries, G. A.: Beet Crosby's Egyptian; entered at 38.75 francs per cwt. Beet Ferry's Early Blood Turnip; Edmond's Blood Turnip; Early Blood Red Turnip; Bastian's Red Turnip; Ferry's Half Long Blood and Eclipse; entered at 36.25 francs per cwt. Parsnip Guernsey; entered at 27.75 francs per cwt. Carrot French Horn; entered at 86.25 francs per cwt. Carrot Dutch Horn; Nante; Chantenay and Carentan; entered at 80 francs per cwt. Radish Winter Russian Very Large White; entered at 61.25 francs per cwt. Swede Champion Purple Top, and Bangholm; entered at 33.75 francs per cwt. Swede Hartley Bronze Top; entered at 36.25 francs per cwt. Pepper Ruby King and Cayenne; entered at 186.25 francs per cwt. And similar goods. Add packing. All no advance.

SUDDEN COLD IN DENMARK.

Hjalmar Hartmann & Co., the Danish seed growers, who do a large export trade to America, write the REVIEW that "on the night between November 12 and 13 we have had a snowstorm of such an extent that according to the meteorological observation it was unsurpassed in twenty years, and there has been a large desolation in the telegraph and telephone lines, so that we in three days were not even able to wire to the United States. After the storm we have had severe frosts, and many cabbages and other vegetables intended for the market were entirely spoiled, as the strong winter came so suddenly that preparation was not made to cover the stock. This means a large loss to the inhabitants of Amager, who are growing all kinds of vegetables for the Copenhagen market and for export to Russia, Finland and Germany; also considerable lots of cabbage intended for seeds for the American trade were defected by frosts. However, we succeeded in getting the most part of our cabbage planted before the frosts, taking experience of the early frosts in

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. First size bulbs, 1¾ inches and up. **$3.00** per 100; **$18.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs, 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladiolus in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. **NEW YORK CITY**

Mention The Review when you write.

RHUBARB ROOTS For Winter Forcing

Extra Large Clumps. $1.50 per doz., $10 per 100. Special quotation by the 1000.

Begonias

TUBEROUS ROOTED—Splendid Bulbs

Gloxinias

	Per doz.	100	1000
Single Mixed	$0.85	$2.00	$18.00
" white, scarlet, crimson, rose and yellow	.40	2.25	20.00
Double Mixed	.60	3.25	
" separate colors	.70	3.50	
Choice Mixed	.50	3.00	
Giant Flowering, blue, white, spotted, crimson, violet with border and red with border	.60	3.25	

See our offer of **Surplus Bulbs** in last week's Review. Write for our **Florists'** and **Market Gardeners'** Wholesale Catalogue—just issued.

JOHNSON SEED CO., 217 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

Importers and Growers of High-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, Telephone 4285 Gramercy **NEW YORK CITY**

XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine. pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected. 6000 seeds. $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double. 500 seeds $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

VERBENA, Improved Mammoth, finest gianis grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

Mention The Review when you write.

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the **Originator of All Winter-flowering Sweet Peas**

ANT. C. ZVOLANEK, Bound Brook, N. J.

Mention The Review when you write.

The Best White Aster

We have grown all the best Asters and have given them full consideration. In making this statement, it is not only our opinion, but the verdict of those who last season tested it.

Smith's Peerless

READ WHAT THEY SAY

Smith's Peerless gave perfect satisfaction and were the prettiest and largest I have ever seen.—EDWARD LAMBERT, Maryland.

Your Peerless Asters, to my knowledge, were the best white among seven of the so-called best varieties.—W. D. HERRICK, Illinois.

The Peerless is the best white on the place. Am saving them all for seed. I know a good thing when I see it.—J. W. SHRADER, Illinois.

All I can say is I grew 9 varieties and Smith's Peerless came best of all. Every plant gave me perfect blooms.—JOHN BLAGYS, Connecticut.

Smith's Peerless was the best on my grounds. Alongside of Conway's, Vick's and Dreer's white, it was and had more perfect flowers.—JOHN D. GRIGOR, Ohio.

Will say Smith's Peerless is the best Aster I ever saw, and they did fine with me and were the admiration of every one who saw them.—C. H. ESTEY, Massachusetts.

Smith's Peerless Asters have done remarkably well. They are full of beautiful blooms now and are certainly named rightly—Peerless.—MRS. J. W. SPANGENBERG, Michigan.

Your Peerless Aster gave us some extra fine flowers; in fact, the best we had. We planted the different branching Asters sent out by the various growers.—DAVID GROFF, Maryland.

Will say Smith's Peerless is the best white Aster I ever saw. Some specimens were particularly fine and I shall plant no other kind for white hereafter.—J. A. MERIWEATHER, Illinois.

Smith's Peerless was especially fine and, while not quite as large as some of Crego's white, they had a quality which the latter lacked—a more perfect, full center and stiffer stem.—DR. A. B. PRICE, Indiana.

I am glad to report that Smith's Peerless was most satisfactory. Have usually imported my Aster seed from Germany, but yours excel them in every way. Strong, vigorous plants, with large blooms.—THOS. JONES, Oregon.

The Smith's Peerless Asters from seed purchased from you last spring have done exceedingly well for us this season. We consider it the best of a number of varieties we have in our garden. It produced long, thrifty stems.—P. C. BRADLEY, Michigan.

Your Smith's Peerless did very well with us. I consider it the best white we ever grew. A fine shaped, very double flower with long, stiff stems, many of them 3 feet. A good keeper. All of our Asters are grown under glass.—FRED H. WILSHIRE, New York.

Out of the forty plants of Smith's Peerless from the small packet there was not one flower that was single. Every flower was very double, pure white and of immense size, with good long stems. It was easy to distinguish the difference between this and Carlson's white growing near.—JAMES SKINNER, New York.

The foregoing is a partial list of testimonials. It is unquestionably the most double White Aster known. In most soils the stems are long and unusually strong. Large size, form perfect, and pure white. Per oz., $8.00; ¼ oz., $2.50; 1-16 oz., 75c; trade packet, 15 grains, approximately 450 seeds, 50c. We have other Aster seeds in standard kinds at moderate prices. Our Mums require no introduction, everybody grows them.

ELMER D. SMITH & CO., New Catalogue ready early in January. **Adrian, Mich,**

Excelsior Tuberose and Caladium Esculentum bulbs and Canna roots now ready for delivery.

WRITE

JOHN F. CROOM & BRO.

Bulb Growers MAGNOLIA, N. C.

Mention The Review when you write.

November last year, which had such influence in the failure of the cabbage crop.''

VALLEY PIPS.

On steamer Amerika from Hamburg, which reached New York December 4, there were the following consignments of lily of the valley pips:

Consignee	Cases
Darrow, H. F.	150
Siebrecht, W. H.	40
Lunham & Moore	254
Meyer, C. F.	236
McHutchison & Co.	200
Pierson, F. R., Co.	100
Rolhis, J. A.	90
Schultheis, A.	75
Total	1,145

On the steamer Bulgaria from Hamburg, reaching New York December 7, there were the following consignments:

Consignee—	Cases.
Hagemann, W., & Co.	265
Lunham & Moore	149
Schultheis, A.	100
Total	514

SWEET PEA TRIALS IN ENGLAND.

The committee of the English National Sweet Pea Society will hold its annual series of trials at the Times Experimental Station, Ladygrove Farm, near New Guildford, in 1910, and will test novelties, and grant awards and cer-

Early Giant Forcing Valley

$14.00 per 1000

Gladioli

The Bride	$5.00 per 1000
Blushing Bride	5.00 per 1000
Peach Blossom	9.00 per 1000

Currie Bros. Co., Seedsmen and Florists, **Milwaukee, Wis.**

Mention The Review when you write.

NEW CROP SEED

Asparagus Plumosus Nanus

True Eastern Greenhouse Strain

An unusually fine crop enables us to offer our exclusive quality at the remarkably low figure of $3.50 per 1000, or $30.00 per 10,000 seeds.

No order accepted for less than 1000 seeds.

W. W. RAWSON & CO., Seedsmen

5 UNION ST., BOSTON, MASS.

Mention The Review when you write.

Dutch Bulbs, French Bulbs, Freesia, Easter Lilies, in Stock Now.

H. H. BERGER & CO., 70 Warren St., New York

Mention The Review when you write.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

Mention The Review when you write.

Boddington's Quality Flower Seeds for Florists

SELECTED SEEDS, SUCCESSFULLY SOWN, SECURE SURE, SAFE AND SERVICEABLE SATISFACTION.
Remember you may deduct 5 per cent if cash accompanies order.

AGERATUM

	Trade pkt.	Oz.
Mexicanum album	$0.10	$0.20
Blue Perfection	.15	.50
Imperial Dwarf Blue	.10	.25
Imperial Dwarf White	.10	.25
Little Dorrit	.15	.50
Swanley Blue	.10	.25

Little Blue Star, trade pkt. 25c., 5 pkts. for $1.00.

BODDINGTON'S MAUVE BEAUTY

Large Mauve flowers; dwarf, compact, very free-flowering. A unique variety. Trade pkt. 10c., oz. 50c.

ALYSSUM

White Gem

A grand improvement on Little Gem, being much more compact; grand for bedding. Trade pkt. 25c., oz. $1.

	Trade pkt.	Oz.	Lb.
Little Gem, dwarf, best for pots	$0.10	$0.30	$3.50
Carpet of Snow, for hanging baskets and borders	.10	.25	
Sweet (the old variety)	.10	.15	1.25

ASTERS

BODDINGTON'S Asters are famous. Write for catalogue of other varieties and prices.

QUEEN OF THE MARKET ASTERS

Boddington's Extra-Early

	Trade pkt.	Oz.
Pink	$0.15	$0.60
White	.15	.60
Light Blue	.15	.60
Dark Blue	.15	.60
Crimson	.15	.60
Rose	.15	.60
Flesh-Color	.15	.60
Light Rose	.15	.60
Scarlet	.15	.60
Red-Lilac	.15	.60
Finest Mixed	.15	.60

BODDINGTON'S GIANT ANTIRRHINUM

(Height, 3 Feet)

	Trade pkt.	Oz.
Coral-Red. Striking color	$0.20	$0.60
Carmine. Splendid color	.20	.60
Daybreak. Light pink	.20	.60
Brilliant. Scarlet, golden yellow and white	.20	.60
Crescia. Dark scarlet	.20	.60
Queen Victoria. Pure white	.25	1.00
Luteum. Yellow	.20	.60
Firefly. Scarlet	.20	.60
Romeo. Deep rose	.20	.60
Lilacinum. Beautiful lilac	.20	.60
Mixed	.20	.50

BRANCHING ASTERS

Vick's Branching

	Trade pkt.	¼ oz.	Oz.
Crimson	$0.25	$0.35	$1.00
White	.25	.35	1.00
Purple	.25	.35	1.00
Violet	.25	.35	1.00
Rose	.25	.35	1.00

Carlson's Branching

	Trade pkt.	¼ oz.	Oz.
Lavender	$0.25	$0.35	$1.00

Semple's Branching

	Trade pkt.	¼ oz.	Oz.
Shell-Pink	$0.25	$0.35	$1.00
Upright White	.25	.35	1.00

Trade pkt each of the collection of 8 varieties for $1.75.

BEGONIA

	Tr. pkt.
Erfordii. Carmine, ⅛ oz., $1.00	$0.25
Semperflorens	.25
Vernon grandiflora, ½ ft. A fine bedding sort, with rich red flowers and glossy bronze-red foliage	.25

CINERARIA

Cineraria maritima. 1½ ft. Trade pkt. 10c., oz 15c.

Cineraria maritima "Diamond." A vast improvement over the above. Foliage very white, leaves much serrated. Trade pkt. 50c., $2.00 per oz.

CENTAUREA

	Tr. pkt.	Oz.
Candidissima, 1000 seeds, 25c.		$1.00
Gymnocarpa, 1000 seeds, 15c.		.85

GREVILLEA ROBUSTA

	Tr. pkt.	Oz.
(Silk Oak)	$0.10	$0.50

COBAEA

	Tr. pkt.	Oz.
Scandens. H. P. Blue	$0.10	$0 30
Alba. White	.20	.75

LOBELIA

	Tr. pkt.	Oz.
Erinus gracilis. Trailing; light blue	$0.15	$0.50
Erinus speciosa. Deep blue; trailing	.15	.50
Crystal Palace compacta	.30	1.50
Emperor William compacta	.25	1.25

MIGNONETTE

Boddington's Majesty. The finest of all fancy varieties of Mignonette for under glass or pot culture. Seeds saved from select spikes under glass. ½ trade pkt., 60c.; trade pkt., $1.00.

MYOSOTIS

	Tr. pkt.	Oz.
Eliza Fonrobert, excellent for pots, blue	$0.15	$0.60
Palustris Semperflorens, everblooming	.25	1.50

PETUNIAS

Boddington's Quality Double Fringed. Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size. ½ trade pkt., about 1000 seeds, 60c; trade pkt., about 2000 seeds $1.

Boddington's Snowball, Double. The finest double; pure white, ½ trade pkt., 60c; trade pkt., $1.

BODDINGTON'S CENTURY PRIZE

Gigantic single flowers, having the edges deeply ruffled or fluted; fine substance, with deep white throats. Colors vary from pure white to dark purple-violet, many being beautifully striped or veined. ½ trade pkt., about 1000 seeds, 60c; trade pkt., about 2000 seeds, $1.

	Tr. pkt.
Boddington's Bar Harbor Beauty, Single. Color a beautiful rose	$0.25
Boddington's Ruffled Giants. A grand selection of single fringed Petunias	.50
Boddington's Inimitable Dwarf Compact Hybrids, Single. Flowers blotched and striped	.25

Petunias, Boddington's Century Prize, Con.

	Tr. pkt.
Canary Bird. Medium size, finely fringed and curled borders; distinct yellow, which deepens in the throat. 5 pkts. $1.00.	$0.25
Emperor. Single. Large blossoms, distinct in form, coloring and marking. The solid colors are particularly rich and velvety; some of the crimson blossoms have pink stars, some pure white, while others are distinctly striped.	.50
Howard's Star. Rich crimson, with a distinct white star in center	.25
Rosy Morn. Soft carmine-pink	.25
Snowstorm. Pure single white	.25
Hybrida, Single Mixed, oz., 50c	.15

PYRETHRUM

	Tr. pkt.	Oz.
Aureum. (Golden Feather)	$0.10	$0.25
Selaginoides. Foliage finely serrated	.15	.50

SHAMROCK

	Tr. pkt.	Oz.
(True Irish). Small-leaved	$0.25	$2.50

SALVIA

	Tr. pkt.	Oz.
Clara Bedman (Bonfire). 1½ feet	$0.25	$2.00
Splendens (Scarlet Sage)	.25	1.00
Splendens. Ball of Fire. Very dwarf and early	.25	3.50
Splendens, Little Lord Fauntleroy. Neat and compact, upright and free-flowering	.50	4.00
Splendens aucubaefolia (Silverspot). Dark green leaves, with light sulphur spots, resembling an aucuba, bright scarlet flower	.25	2.50
Splendens carminea (new). Splendid rose carmine. Dwarf	.50	
Splendens gigantea. Attains the enormous height of 7 feet, highly recommended for groups or as an individual specimen	.50	
Splendens pendula. Drooping spikes	.25	2.00
Splendens, Boddington's Miniature. Early, dwarf, 12 in. and very free-flowering; covered the whole summer with large flower spikes of rich scarlet	.50	
Splendens, Zurich	.50	6.00

QUALITY VERBENAS

	Tr. pkt.	Oz.
Boddington's Mammoth Hybrids. A strain of very vigorous growth, producing trusses of large flowers of brilliant and varied colors. Mixed	$0.25	$1.00
Boddington's Mammoth Auricula-flowered. Large flowers with distinct white eye	.25	1.00
Boddington's Mammoth Blue	.25	1.00
Boddington's Mammoth Pink	.25	1.00
Boddington's Mammoth Scarlet Defiance. The finest scarlet sort	.25	1.00
Boddington's White (Candidissima). Pure White	.25	1.00
Boddington's Striped. Many colors	.25	1.00
Lemon (Aloysia citriodora)	.25	2.00

VINCA

	Tr. pkt.	Oz.
Alba. White	$0.15	$0.50
Rosea. Rose	.15	.50
Rosea alba. Rose and white	.15	.50
Mixed	.10	.40

We are headquarters for Sweet Peas of every description. Our Wholesale Catalogue of **Quality** Seeds and Bulbs (ready January 1st), contains 52 pages of **Seeds and Bulbs you need. Write for it today—a postcard will fetch it.**

ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th Street NEW YORK CITY

Cannas at Contract Prices

F. O. B. New York and F. O. B. Chicago

800,000 DORMANT CANNA ROOTS 800,000

READ THIS

Upon the Cannas enumerated below the following prices are good until January 1, 1910. If cash accompanies the order we will also allow a special discount of 5 per cent. The Cannas can be shipped any time (at purchaser's option), from New York or Chicago, up to April 1, 1910.

Upon orders received after January 1, 1910, we reserve the right to raise the price not less than 20 per cent. Order today and save 25 per cent upon your Canna order.

	100	1000
CRIMSON SHADES		
A. Bouvier, 5 ft.	$1.25	$12.00
A. Roosevelt, 4 ft.	2.75	25.00
B. Poitevine, 3½ ft.	1.75	15.00
Charles Henderson, 4 ft.	1.25	12.00
Crimson Bedder, 3 ft.	1.75	15.00
Duke of Marlborough, 4½ ft.	1.50	14.00
J. D. Eisele, 5 ft.	2.00	17.50
Explorateur Crampbel, 5½ ft.	1.50	14.00
Express, 2 to 2½ ft.	1.75	15.00
Louisiana, 7 ft.	1.50	14.00
Pillar of Fire, 6 to 7 ft.	2.25	20.00
Pres. McKinley, 2½ to 3 ft.	1.75	15.00
Tarrytown, 3½ ft.	1.50	14.00
PINK SHADES		
L. Patry, 4½ ft.	1.75	16.00
Louise	2.25	20.00
Mlle. Berat, 4½ ft.	1.50	14.00
Tennyson, 5½ ft.	2.25	20.00
ORANGE SHADES		
Pres. Cleveland, 4 ft.	1.75	15.00
Cinnabar, 4½ ft.	1.75	15.00
YELLOW, GOLD EDGED		
Gladiator, 4 ft.	2.25	20.00
Mad. Crozy, 5½ ft.	1.75	15.00
Premier, 2½ ft.	1.75	15.00
Queen Charlotte.	2.00	17.50
Souv. d'Antoine Crozy, 4 ft.	2.25	20.00
WHITE SHADES		
Alsace, 3½ ft.	1.50	14.00

	100	1000
YELLOW SHADES		
Buttercup, 3½ ft.	$1.50	$14.00
Florence Vaughan, 5 ft.	2.00	18.00
Comte de Bouchard, 4½ ft.	1.75	15.00
L. E. Bailey, 4½ ft.	2.25	20.00
Newbury	2.75	25.00
Richard Wallace, 4½ ft.	2.25	20.00
BRONZE LEAVED		
Black Beauty, 5 ft.	3.75	35.00
Black Prince, 3 to 4 ft.	2.25	20.00
Brandywine, 4 to 5 ft.	2.25	20.00
David Harum, 3½ ft.	2.75	25.00
Egandale, 4 ft.	1.75	15.00
***King Humbert,** 4 ft.	2.75	25.00
Leonard Vaughan, 4½ ft.	1.75	15.00
Musafolia, 5 ft.	2.25	20.00
Robusta, 6 to 8 ft.	1.50	12.00
Shenandoah, 6 ft.	1.50	14.00
ORCHID FLOWERING		
Alemannia, 4 to 5 ft.	2.00	18.00
Austria, 5 ft.	1.50	14.00
Indiana, 4½ ft.	1.75	15.00
Italia, 4½ ft.	1.50	14.00
Kronus, 5 ft.	2.25	20.00
Mrs. Kate Gray, 6 ft.	1.75	15.00
Pennsylvania, 5 ft.	1.50	14.00
Wyoming, 7 ft.	1.50	14.00

*No order taken for King Humbert unless other varieties are ordered in proportion.

Our Cannas are packed 250 in a box; two can be "cleated" together and shipped as one. One box of 250 sold at 1000 rate. It is cheaper for you to buy a box than 200 at 100 rate.

ARTHUR T. BODDINGTON

342 W. 14th St., NEW YORK

Chicago and Western Agents, FOR OUR CANNAS **Winterson's Seed Store**

45-47-49 Wabash Ave., **Chicago, Ill.**

OUR SPECIALTY

Next fall will be
Lycoris Squamigera (Amaryllis Hallii).
Home-grown Liliums.
All varieties of German and Japan Iris.
Write for prices.

JOHN LEWIS CHILDS, Floral Park, N. Y.
Mention The Review when you write.

CENTRAL SEED AND BULB CO.

WHOLESALE GROWING
OUT-OF-DOOR BULBS
52 Wabash Ave., CHICAGO
Gardens at Benton Harbor, Mich.

Wholesale Cut Flower Prices.

Boston, Dec. 15.

	Per 100
Beauty, Specials	$25 00 to $40.00
" Extra	15.00 to 20.00
" Short Stems	4.00 to 12.00
Bride and Maid, Select	3.00 to 4.00
" " Seconds	1.00 to 2.00
Chatenay	1.00 to 6.00
Killarney	2.00 to 10.00
Liberty, Richmond	2.00 to 10.00
Carnot, Kaiserin	1.00 to 6.00
My Maryland	2.00 to 10.00
Carnations, Special	4.00 to 5.00
" Select	3.00
" Ordinary	2 00 to 2.50
Cattleyas	40 00 to 50.00
Lily of the Valley	2.00 to 4 00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50 00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.50 to 1.00
Lilium longiflorum	10 00 to 12.50
Violets	.50 to 75
Chrysanthemums	4.00 to 12.00
Gardenias	15 00 to 25 00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1 50 to 2.00
Roman Hyacinths	1.50 to 2 00
Mignonette	2.00 to 4.00
Bouvardia	2.00 to 4.00
Callas	8.00 to 12.00

Milwaukee, Dec. 15.

	Per 100
Beauty, Long	$25.00
" Medium	$15.00 to 20.00
" Short	8.00 to 12.00
Bride and Bridesmaid	4 00 to 8.00
Chatenay	4.00 to 6.00
Richmond	4.00 to 8.00
Killarney	4.00 to 8.00
Perle	4.00 to 6.00
Stevia	1.50
Carnations, Fancy	4.00
" Good	2.00 to 3.00
Valley	3 00
Asparagus Plumosus, strings	50.00
" " sprays	5.00
" Sprengeri "	3.00
Adiantum	1.00
Lilies, per doz., $1.50	
Ferns, per 1000, 2 00	
Violets	1.00
Sweet Peas	1.00

I mistake not we have returned to coal. tificates according to merit. No awards or certificates will be granted to sweet peas unless they are sent for trial at Guildford. For these trials the varieties will be accepted only from the raiser or introducer, and a small charge for each variety will be made. Novelties will be received under number, although names are much preferred. Any variety meriting an award must, if under number, be named before such award can be granted.

At the request of numerous seedsmen, the committee will conduct a further and distinct trial solely for the purpose of testing correctness and purity of stocks of sweet peas. A charge of 5 shillings per variety or stock sent for trial will be made. Sweet peas for these trials must reach C. Foster, Ladygrove Farm, near New Guildford, not later than January 15, 1910. For the novelty trials not less than fifteen seeds should be sent, and for the purity trials, not less than two dozen seeds of each variety or stock.

ALL NEW CROP BIRD SEEDS

At lower prices for bigger values than you can possibly buy elsewhere. **Crops short—delay will mean higher prices.** All orders receive prompt attention. Quotations subject to market changes.

	Per 100 lbs.		Per 100 lbs.
Hemp, Large Russian	$2.75	**Sunflower,** Black Seeded	$3.65
Canary, Sicily extra sifted	2.75	**Sorghum,** Red	1.65
Rape, German Bird	3.50	**Kaffir Corn,** White	1.65
Millet, Red Bird	2.25	**Alfalfa Meal**	1.35
" Yellow Bird	2.25	**Tobacco Stems**	.75
Vetches, Bird	2.50	**Tobacco Dust**	.75
Sunflower, large striped	3.85	**Charcoal,** granulated	1.35

Canada Field Pea, $1.60 per bushel.

We manufacture and distribute enormous quantities of **"Square Deal" Brand Chick Starter, Chick Food, Poultry Food, Pigeon Food.** Our prices are unusually attractive. Samples sent on request.

J. BOLGIANO & SON
1818 Importers and Seed Growers BALTIMORE, MD. 1909

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RELIABLE SEEDS, SOW NOW

			Trade pkt.
Begonia Gracilis Luminosa, best scarlet bedder	6 tr. pkts.,	$ 2.50	$0.50
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6 "	2.50	.50
Echeveria Woodlawn, new, ready in 6 months	1000 seeds,	2.00	.50
Myosotis Winter Queen, finest for greenhouse cut	oz.,	4.00	.50
Petunia, Zangen's selections of double fringed giants	6 tr. pkts.,	5.00	1.00
Petunia, Zangen's single ruffled and fringed hybrids	6 "	5.00	1.00
Phlox Drummondi, nana compacta, Fireball	Best for pot use. oz.,	8.00	.40
Phlox Drummondi, Roseball	"	2.00	.30
Phlox Drummondi, nana compacta, Snowball	"	8.00	.40
Salvia Zangen's Fireball, finest for pot use	Unexcelled strain of my own raising. "	4.00	.50
Salvia Zangen's King of Scarlet, best late	"	10.00	.50
Salvia Zurich, most valuable for early pot use	"	8.00	.50
Stocks, Beauty of Nice, Daybreak, White, best for cutting, each, separate	"	4.00	.50
Verbena Mammoth, auricula flowered, blue, pink, purple, scarlet, striped, white, each, separate	"	1.50	.25
Mixed colors	"	1.25	.20

My new list will be ready in a few weeks. Ask for same.

O. V. ZANGEN, Seedsman, Hoboken, N. J.

SURPLUS BULBS--EXTRA FINE STOCK

SINGLE TULIPS	Per 100
Belle Alliance	$1.75
Chrysolora	.70
Due Von Thol, scarlet	1.40
" " " white	1.40
Joost Van Vondel, white	2.75
" " " red and white	1.40
La Reine, per 1000, $7.50	.85
Prince of Austria	1.50
Rosamundi Huickman	.75
Rose Grisdelin, per 1000, $11.00	1.30
Rose Luisante	1.75
Yellow Prince, per 1000, $7.50	.85
SINGLE TULIPS	**Per 100**
Superfine Mixed, per 1000, $6.00	$0.75
Proserpine	2.00
Cottage Maid	.75
DOUBLE TULIPS	
Couronne d'Or	1.75
Imperator Rubrorum	1.75
Murillo	1.75
Yellow Tournesol	2.00
NARCISSUS	
Empress	1.50
Poeticus Ornatus	.50

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Surplus Bulbs

HYACINTHS	Per 100
Double Named	$4.50
Double Unnamed	2.35
Single Unnamed	2.35
DOUBLE TULIPS	
Imperator Rubrorum	2.25
Rex Rubrorum	1.65
Superfine Mixed, early	.75
SINGLE NARCISSUS	
Princeps Maximus	2.25
Golden Spur	1.75
Poeticus Burbidgii	.50
DOUBLE NARCISSUS	
Albo Pleno Odorato	.50
Von Sion, true Daffodil	1.00
Von Sion, double nose	1.80
Mixed	.80
Polyanthus Narcissus Mixed	.85

To secure these prices, must mention this paper.

JAMES VICK'S SONS, Rochester, N. Y.
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Surplus Bulbs
Best Grades

		Per 1000
Tulips. Couleur Cardinal		$11.00
Belle Alliance		11.00
Murillo		12.00
Montresor		10.00
Yellow Prince		5.50
Couronne d'Or		13.00
Romans, 12x15		15.00
Spiraea. Gladstone	Per 100	7.00
Floribunda	"	4.00
Queen Alexandra	"	11.00
Peach Blossom	"	11.00
Japonica	"	3.50
Narcissus. Chinese Sacred	"	2.50
Lily Valley. Best Early forcing, per 1000		11.00

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Northside, PITTSBURG, PA.

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WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa.
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My Maryland and Killarney Roses, Fancy Carnations
and all seasonable Cut Flowers
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A full line of **Chiffons, Ribbons** and general **Florists' Supplies**
WRITE FOR PRICE LIST
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Wholesale Cut Flower Prices.

Philadelphia, Dec. 15.

	Per doz.	
Beauty, Specials	$6.00 to	$7.50
" Extra	4.00 to	5.00
" Medium	2.50 to	3.00
" Short	1.00 to	1.50
	Per 100	
Killarney, My Maryland, Select	$10.00 to	$15.00
" " Ordinary	4.00 to	8.00
Bride, Maid—		
Select	8.00 to	12.00
Ordinary	4.00 to	6.00
Richmond, Jardine, select	10.00 to	15.00
" " Ordinary	4.00 to	8.00
Carnations, Fancy	4.00 to	6.00
" Select		3.00
" Ordinary		2.00
Harrisii Lilies.....per doz., $1.50		
Callas, per doz.....$1.50		
Adiantum	.75 to	1.00
Asparagus Plumosus, strings		50.00
" " sprays 35c-50c		
" Sprengeri " 35c-50c		
Smilax	12.50 to	15.00
Valley	3.00 to	.00
Cattleyas.....doz. $9.00 to $10.00		
D. Formosum.....each, 40c to 50c		
Cypripedium.....each 12½c to 15c		
Gardenias, Fancy, doz. $6.00		
" Shorts " 4.00		
Violets, Double, Fancy	1.00 to	1.25
" Ordinary		.75
Violets, Single, Fancy	.75 to	1.00
" Ordinary	.30 to	.50
Sweet Peas	.75 to	1.00
Bouvardia	2.50 to	3.00
Yellow Daisies	1.00 to	1.50
White "	1.00 to	1.50
Mignonette	3.00 to	4.00
Pansies	.75 to	1.00
Snapdragon	1.00 to	1.50
Romans		4.00
Paper Whites	3.00 to	4.00
Poinsettias	3.00 to	4.00

St. Louis, Dec. 15.

	Per doz.	
Beauty, Specials	$8.00 to	$12.00
" Extra	4.00 to	6.00
" Shorts	1.00 to	2.00
	Per 100	
Bride and Maid, Specials	$ 6.00 to	$10.00
" No. 1	3.00 to	8.00
Richmond	6.00 to	8.00
Carnot	6.00 to	8.00
Ivory	6.00 to	8.00
Killarney	6.00 to	10.00
Carnations, Fancy	6.00 to	8.00
" Common	3.00 to	4.00
Adiantum	1.00 to	1.25
Asparagus Plumosus, strings	35.00 to	50.00
" sprays	1.00 to	1.50
" Sprengeri "	1.00 to	3.00
Lily of the Valley	3.00 to	5.00
Smilax	12.50 to	15.00
Violets, Single	1.00 to	3.00
" Double	2.00 to	4.00
Romans	2.00 to	3.00
Paper Whites	2.00 to	3.00

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Wholesale Floral Co.
Wholesale Florists
1316 Pine St. Both L. D. Phones ST. LOUIS
Supplies and Everything in Season always on hand

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Fancy Carnations, Easter Lilies, Valley,
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FANCY CARNATIONS, MUMS AND MY MARYLAND
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Wanted consignments of Valley, Richmond and Killarney. Highest market prices guaranteed.
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I FIND the REVIEW a cheer-up when one has the blues.—GEORGE SCHUBERT, West Hoboken, N. J.

PLEASE omit my advertisements of vincas and dracænas, for they have sold them all.—DANA R. HERRON, Olean, N. Y.

THE ad we had in your paper the last two months certainly kept us what they call "humping," for orders came in every day and they are coming yet. I am certainly more than satisfied.—WILLIAM EHMANN, Corfu, N. Y.

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Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
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Upsal Station, P. R. R., GERMANTOWN, PHILA.

CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List.
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SHIPPING ON COMMISSION
Telephone 756 Madison Square

Scherer & Co.

106 West 26th Street

Telephone 6963 Madison Square, New York City

Green Goods

of every kind for

Christmas....

Carloads of Trees, Moss, Ferns. **Everything** the florist needs for the big holiday trade in **Christmas Greens.** Roping by the 1000 yards.

Telegraph, Telephone, Write

or call, and **do it now. Remember**

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and come and see for yourself. Shipments made to any part of the country. To avoid delay, kindly send cash with order. Prices always reasonable.

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ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND

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August Millang

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WE ARE HEADQUARTERS FOR.....

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Gummed gold and purple letters for inscriptions on floral designs of all kinds.

EVERY LETTER GUARANTEED FOR ONE YEAR not to tarnish or change color in the least. Best and cheapest on the market. Write for samples and prices.

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Wholesale and Retail Dealers in all kinds of

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Fancy and Dagger Ferns
Galax, Brown and Green



50 West 28th St., - NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax.

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Wholesale Plantsmen and Florists

Telephone 2336 Madison. Shipments Everywhere

Prompt and Satisfactory. Consignments Solicited.

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FLORISTS' SUPPLIES

Galax, bronze and green, fresh crop, $1.00 1000: $7.50 10,000. **Leucothoe Sprays,** 75c 100. **Green Sheet Moss,** $2.00 large bag.

Wholesale Cut Flower Prices.

Buffalo, Dec. 15.

	Per doz.
Beauty, Specials	$12.00
" Fancy	10.00
" Extra	7.50
" Firsts	5.00
" Shorts	2.40
Per 100	
Bride, Killarney and Maid, Specia	$25.00
" " " No. 1	$6.00 to 15.00
" " " No. 2	6.00 to 10.00
" " " Shorts	3.00
Richmond	10.00 to 25.00
White Killarney	15.00 to 25.00
Maryland	15.00 to 25.00
Carnations	4.00 to 8.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	15.00 to 20.00
Ferns per 1000,	$1.50
Galax "	1.50
Chrysanthemums	8.00 to 25.00
Violets	1.50 to 2.50
Paper Whites	3.00 to 4.00
Stevia	1.00 to 1.25
Romans	3.00 to 4.00

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

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Why Use Galax Leaves

when you can buy prime prepared

Magnolia Leaves

Green and Brown, $1.75 per basket of 1000 leaves

Wherever Florists' Supplies are sold, or from

GELLER FLORIST SUPPLY CO.

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N. LECAKES & CO.

53 W. 28th St., NEW YORK



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Stands at Cut Flower Exchange, Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



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Green and Bronze Galax Leaves

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Reed & Keller

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We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

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Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock

We have what you want when you want it

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

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The best way to collect an account is to place it with the

National Florists' Board of Trade

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Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.

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ESTABLISHED 1887

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Consignments of all kinds of seasonable stock solicited.
Open 6 a. m. every morning in the year.

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Violets, Roses, Carnations, Orchids.
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GROWERS—Important—Special advantages for you this season. Write or see us.
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WHOLESALE FLORISTS AND SUPPLIES
CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.
Write for quotations on large quantities.
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Cut Flowers at Wholesale
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Our Specialties—Smilax and Asparagus Plumosus and Sprengeri in any quantity the year round. Weekly payments. Open books. Consignments solicited.
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Fancy and Dagger Ferns
Wholesale and Retail Dealer in ALL KINDS ...OF...

Bronze and Green Galax
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52 West 28th Street, NEW YORK
Telephone 2815 Madison Sq.
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YES We have **MOSS, $1.50** per bale
Extra **LARGE** bales, **$2.00**
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H. KENNEY, 88 Rochester Ave. BROOKLYN, N. Y.
See my low prices for Wire Designs in the classified department.
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...YOU...
Will find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

New York, Dec. 13.

	Per 100
Beauty, Specials	$40.00 to $50.00
" Fancy	25.00 to 40.00
" Extra	15.00 to 25.00
" No. 1	6.00 to 10.00
" No. 2	3.00 to 6.00
Bride and Maid, Specials	8.00 to 10.00
" " Extra	5.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 3.00
Richmond	1.00 to 15.00
Chatenay	1.00 to 15.00
Killarney	1.00 to 20.00
My Maryland	1.00 to 20.00
Orchids	60.00 to 100.00
Carnations, Common	1.00 to 2.00
" Select and Fancy	2.00 to 4.00
" Novelties	4.00 to 8.00
Chrysanthemums	10.00 to 25.00
Adiantum Cuneatum	.25 to .50
" Croweanum	.50 to 1.00
Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
Smilax	6.00 to 12.00
Lilies	8.00 to 12.00
Lily of the Valley	2.00 to 5.00
Gardenias	25.00 to 50.00
Violets	.50 to 1.00
Callas	6.00 to 8.00
Cypripediums	10.00 to 12.00
Sweet Peas...per bunch,	5c to 10c
Stevia..... "	15c to 25c
Narcissus	1.00 to 2.00
Roman Hyacinths	1.00 to 2.00

Charles Millang
WHOLESALE FLORIST
Ground Floor of the Coogan Bldg., New York City
55 and 57 West 26th Street
6 a. m. to 6 p. m. every day in the year.
HEADQUARTERS FOR VIOLETS
Most convenient store for customers in the city
Telephone 7062 Madison
Consignments solicited.
The highest values guaranteed.
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FORD BROS.
48 W. 28th Street, NEW YORK
Telephone 3870-3871 Madison Square
The Largest Shippers and Receivers of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
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Wholesale Commission Dealer in
CUT FLOWERS
39 W. 28th St., NEW YORK
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Tel. 3582-3583 Madison Sq. Carnations.
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Department Store for Florists' Supplies
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.
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TELEPHONES, 1293 and 1294 MAIN
Consignments solicited. Out-of-town orders carefully attended to. Give us a trial.

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Tel. 3053 Madison Sq.
MANUFACTURERS AND IMPORTERS OF
WILLOW AND FANCY BASKETS FOR FLORISTS
Dealers in Florists' Supplies
Our Specialties, Wheat Sheaves and Baskets
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George Saltford
WHOLESALE FLORIST
43 West 28th Street, New York City
Tel. No. 3393 Mad. Sq.
We have room for a few more good growers. Prompt payments and top prices.
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O. V. ZANGEN, WHOLESALE FLORIST
52 W. 28th St., New York. Tel. No. 3357 Madison Square
Consignments Solicited
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Would Like Your Orders
FOR CHRISTMAS

A Full Line :: :: No Better Stock Anywhere

PERCY JONES

60 Wabash Ave. Wholesale Cut Flowers CHICAGO

PRICE LIST

	Per 100
Killarney	$8.00 to $20.00
Richmond	8.00 to 20.00
W. Killarney	8.00 to 20.00
My Maryland	8.00 to 20.00
Maid	6.00 to 15.00
Bride	6.00 to 15.00
Carnations	3.00 to 6.00
Violets, fancy N. Y. doubles	1.50 to 2.00
Violets, single	1.50 to 2.00
Sweet Peas	1.50
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.25
Ferns, per 1000, $2.00	

Extra Fancy billed accordingly

Prices NOT subject to raise without notice to regular customers.

Vaughan & Sperry

WHOLESALE FLORISTS

52-54 WABASH AVE., CHICAGO

Write for Special Prices.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Dec. 15.

	Per doz.
Beauty, long stems	$ 6.00 to $ 7.50
" 36-in. "	5.00
" 30-in. "	4.00
" 24-in. "	3.00
" 20-in. "	2.50
" 15-in. "	2.00
" 12-in. "	1.50
" short "	1.00 to 1.25
	Per 100
Bridesmaid, Special	$ 6.00 to $12.00
" Firsts	4.00 to 5.00
" Short	8.00
Bride, Special	6.00 to 12.00
" Firsts	4.00 to 5.00
" Short	8.00
Richmond, Specials	8.00 to 15.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Golden Gate, Specials	6.00 to 10.00
" " Firsts	4.00 to 5.00
" " Short	3.00
Killarney, Specials	12.00 to 18.00
" Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	6.00 to 8.00
" " Seconds	4.00
My Maryland, Specials	10.00 to 15.00
" Firsts	6.00 to 8.00
" Seconds	4.00
Mrs. Jardine, Specials	8.00 to 12.00
" Firsts	5.00 to 6.00
" Seconds	3.00 to 4.00
Cardinal	6.00 to 25.00
Rhea Reid	3.00 to 10.00
Uncle John	3.00 to 6.00
Perle	3.00 to 7.00
Carnot	4.00 to 8.00
Carnations, Select	2.00
" Fancy	3.00 to 4.00
Violets	.75 to 1.50
Sweet Peas	.75 to 1.50
Bouvardia	2.00 to 6.00
Stevia	1.50 to 2.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Mums	doz., 50c-$3.00
Cattleyas, per doz	$9.00-12.00
Easter Lilies, per doz	$1.50-2.00
Callas, per doz	$1.50--2.00
Valley	3.00 to 4.00
Asparagus, strings	50.00 to 75.00
" sprays	bunch, 35c-75c
" Sprengeri	" 25c-35c
Ferns	per 1000, $2.00 .25
Galax	" 1.00 .15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz	$1.50--2.00
Leucothoe	.75
Boxwood	$7.50 per case

Wholesale Florists

ALL FLOWERS IN SEASON

Wire Designs and Florists' Supplies

Buffalo Cut Flower Co.

495 Washington St., BUFFALO, N. Y.

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Special for Christmas

CUT SMILAX, heavy strings, 8 feet long, $11.00 per 100.

A trial order solicited.

MERCER FLORAL CO.

Bowling Green, Ohio

John Kruchten

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51 Wabash Ave., CHICAGO

ROSES and CARNATIONS

Our Specialties.

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Wholesale Growers and Shippers of

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51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

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George B. Hart

WHOLESALE FLORIST

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Wholesale Growers of... Cut Flowers

All telegraph and telephone orders given prompt attention.

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All the Buyers visit the

FLOWER GROWERS' MARKET

58-60 Wabash Avenue, CHICAGO

A Few Desirable Stands For Rent.

See JOHN SINNER, Manager

Mention The Review when you write.

UNITED STATES CUT FLOWER CO.

Wholesale Florists

ELMIRA, NEW YORK

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THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

Pittsburg Florists' Exchange, 15 Diamond Square Pittsburg, Pa.

American Beauties, Orchids, Gardenias, Lily of the Valley, Violets, Carnations, Killarney, Richmond, Maryland, Bride, Maid and all seasonable flowers.

Boxwood	50 lbs., $6.25;	100 lbs., $12.50
Holly Wreaths	per 100,	12.50
Holly	per case, $4.00 to	5.00
Southern Smilax	per case,	5.00
Galax	per case,	6.50
Fancy and **Dagger Ferns,**	per 1000,	1.00

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Pittsburg.

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BOXWOOD SPRAYS

Clean, fine color, selected stock, no heavy wood. Every case guaranteed. We ship from coast to coast. Now booking orders for present and future shipments. Let us quote you on your requirements.

Pittsburgh Cut Flower Co., 222 Oliver Ave., Pittsburgh, Pa.

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Wholesale Cut Flower Prices.

Pittsburg, Dec. 15.

	Per doz.
Beauty, Specials	$5.00 to $ 6.00
" Fancy	3.00 to 4.00
" Medium	1.50 to 2.00
" Short	.75 to 1.00
	Per 100
Bride and Bridesmaid, Fancy	$8.00 to $12.00
" " Medium	4.00 to 6.00
" " Short	3.00
Richmond	4.00 to 12.00
Killarney	4.00 to 12.00
White Killarney	4.00 to 12.00
My Maryland	4.00 to 12.00
Carnations	2.00 to 4.00
Adiantum	1.00 to 1.50
Smilax	15.00 to 20.00
Valley	4.00
Lilies	12.00 to 15.00
Roman Hyacinths	1.50 to 4.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.00
Mignonette	3.00 to 4 00
Cattleyas	75.00
Daisies	1.00 to 2.00
Violets	.75 to 1.00
Stevia	1.00 to 1.50

Cincinnati, Dec. 15.

	Per 100
Beauty, Extra	$50.00 to $75.00
" No. 1	25.00 to 50.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	10.00
My Maryland	6.00 to 20.00
Kaiserin Victoria	6.00 to 25.00
Rhea Reid	6.00 to 20 00
Carnations	3.00 to 6 00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Mums, per doz., $2.00 to $3.00	
Baby Primrose	.50
Snapdragon	3.00 to 4.00

THE REVIEW can supply any horticultural books at publishers' prices.

WELCH BROS., 226 Devonshire Street, Boston
The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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PAPER WHITES
LARGE SUPPLY, $3.00 PER 100
Welland & Ollnger
128 E. Third St., CINCINNATI, OHIO
Wholesale Growers and Shippers of Cut Flowers
Greenhouses, NEW CASTLE, IND.

C. E. CRITCHELL
Wholesale Commission Florist
Cut Flowers and Florists' Supplies
Consignments Solicited
WIRE GOODS OF ALL KINDS
Write for Price List
34-36 East Third Street, CINCINNATI, O.
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The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.
Phone Main 584. 316 Walnut St., Cincinnati, O.

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Florists' Review
When Writing Advertisers

Wire Work
We are manufacturing Wire Work for Florists and have satisfied customers everywhere. Are you one of them? If not, send at once for our **free** illustrated catalogue.
We are also commission dealers in Cut Flowers and Green Goods and jobbers in all kinds of Florists' Supplies. American Beauties our specialty.
GILLETT & OHMER
Wholesale Florists
181 E. 3rd St., CINCINNATI, OHIO
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ROSES AND CARNATIONS
FANCY FERNS AND GALAX—High-grade Stock
ORDERS FILLED SATISFACTORILY
Detroit Cut Flower Supply House
Wholesale Commission Florist. H. V. Pearce, Prop.
6 Adams Ave. West, Detroit, Mich.
Home Phone 164. Bell, Main 974.
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The McCallum Co.
Wholesale CUT FLOWERS
and Florists' Supply House
Headquarters of Western Pennsylvania Growers
937 Liberty Ave., PITTSBURG, PA.

PACIFIC COAST.

LOS ANGELES, CAL.

The Market.

Except for funeral work, business would be rather dull. Stock of nearly everything but violets and roses is scarce. The hard frost of last week injured carnations and chrysanthemums especially. Poinsettias also suffered, many of them losing all their leaves. In sheltered situations there are some good ones, which are coloring finely.

Greenhouse carnations are in short crop, only a few coming in at present. The best bring $1 a dozen. Chrysanthemums are near their finish, although some good ones are still seen in the stores. Some fine azaleas, spiræas and cyclamens have made their appearance.

The funeral of five members of one family, who were killed in an automobile accident at a railway crossing, called for a great quantity and variety of designs. There were so many, in fact, that it was impossible to take them all into the church, and many of them were delivered directly to the cemetery.

Various Notes.

Morris Goldenson has been showing some fine English holly from British Columbia. He considers himself fortunate in securing a quantity of excellent carnations this week. He lost several hundred chrysanthemums by the frost.

The Redondo Floral Co. has an attractive and seasonable window, filled with araucarias and ferns and gay with Christmas ribbons. The whole store has taken on a festive look.

The Angelus has been displaying some fine poinsettias, which bring from $3 to $4 per dozen.

The Rosery, the new store of the Roth-Reymond-Muller Floral Co., was formally opened on Tuesday of last week. There was a large attendance. Potted maidenhair ferns were given as souvenirs. It is one of the handsomest, lightest and best appointed stores in the city. A fern arbor, where all the potted plants are displayed, is one of the features.

S. A. C.

PORTLAND, ORE.

The Market.

Business conditions for the last two or three weeks have been exceptionally brisk. Thanksgiving day passed off quietly, but with general satisfaction on all sides, as business showed an increase of twenty-five per cent over former years. Yellow mums, in particular, were more in demand, on account of the football meet. Prices in mums ranged from $2 to $7 per dozen. Carnations were scarce and many dealers stopped booking orders the day previous. In fact, there was a general, all-round clean-up.

The continued rainy season of several weeks' duration has shortened the crop of flowers of all varieties. Roses are in normal supply, with the demand lively. There is a general complaint that violets are still a scarce commodity. Cyclamens, primroses and Garza mums about constitute the flowering plants. Fern dishes and table ferns meet with an increasing demand and are never in oversupply.

The outlook for Christmas is promising in regard to plants. Poinsettias are in fine shape and are showing fine color. Extra efforts are being made to bring the azaleas and general stock into proper shape. Green goods are extremely scarce, especially asparagus. Oregon grape, a local wild green, is highly satisfactory, quite decorative and most beautiful in color. It is similar to the well-known Mahonia leaves. Magnolia leaves for funeral arrangements are often in demand and are often handy for the florist when flowers are scarce.

Various Notes.

C. F. Kipp, of Spokane, spent a few days in the city. He expressed satisfaction with Thanksgiving business, saying that it showed a considerable increase.

Crout & Wilson, of Olney, Ill., have bought the range of F. J. Broetje, at Mount Tabor, and will continue the business, with a choice line of cut flowers and plants.

George Spencer, for many years foreman for Martin & Forbes, has resigned and will try his luck in Australia.

George Betz, Sr., has leased his glass, near Oregon City, to C. M. Weintz, and will retire from the worries of business.

Wedding bells were ringing in the home of Sam Roake on a recent Sunday. Miss Winnie Roake and George Gardner were the participating parties.

E. R. C.

OLYMPIA, WASH.

An unseasonably heavy frost made its appearance here before Thanksgiving and made business dull. Previous to this, field-grown roses, dahlias and peonies had furnished a fine crop of blooms and found a ready market, as greenhouse stock had not advanced enough to supply the demand.

E. J. Berneche, who has won several honors for dahlias, roses and peonies, has one of the largest and finest collections on the Pacific coast and will be in a position to supply large quantities of dahlias next spring. He won a silver medal at the Alaska-Yukon-Pacific Exposition.

SAN FRANCISCO.

The Market.

We have been treated to a succession of showers for the last week, which certainly dampened the atmosphere, as well as the ardor of the flower buying public. Everyone appears to be saving money for the Christmas purchases, and the inclement weather, together with the apparent antipathy of the people to spending money for floral products, has made an exceptionally dull week. The excess of dark weather has also caused quite a scarcity of flowers. It is seldom that the first week in December brings such a quantity of dark, cloudy weather and a consequence of few carnations and roses. The former are at a premium. No American Beauties of the fancy type are being brought into town, and of second quality stock there is only a slight scattering. Maids and Brides are more in evidence. Strictly first quality stock costs the retailers from 75 cents to $1 per dozen, but of shorter stemmed stock there is a fair supply. A few Liberties and Testouts are seen and they cost the stores from 50 cents to 75 cents per dozen. With carnations there is a slighter change in price than might be expected at this time, although the quality is not quite up to the standard. Fair supplies of Enchantress and some of the lighter sorts are being brought into town, but there is a great scarcity in the fancy stock. Poinsettias, from present indications, will not be in oversupply during the holidays. Advices from the south, for outside grown stock, would seem to indicate that there will be a great scarcity of good blooms. For well grown plants in 7-inch pans and pots the wholesalers are asking $1 each, and from this price down to 50 cents each for smaller stock seems to be about what will be charged. Valley is plentiful, and according to reports from the growers there will be plenty for the holidays. Red berries are plentiful and the price has stiffened, since Thanksgiving, to $50 per ton.

Various Notes.

H. Hayashi, of Alameda, has opened a new store on Santa Clara avenue, near Park street, in that town.

The Piedmont Floral & Seed Co. is now located on Eleventh street near Washington street, Oakland.

There seems to be considerable hesitancy among the retailers about handling British Columbia holly. The claim is

Rooted Carnation Cuttings

Pacific Coast Headquarters for quantity and quality

We ship and guarantee delivery in good condition to all parts of United States and Canada.

FOR DECEMBER DELIVERY

	Per 100	1000		Per 100	1000
4,000 Aristocrat	$2.00	$15.00	6,000 Sarah Hill	$2.00	$17.00
4,000 Winsor	1.75	12.00	3,000 White Lawson	2.00	15.00
10,000 Enchantress	1.80	15.00	5,000 C. P. Bassett	4.00	35.00
8,000 Rose-pink Enchantress	1.50	12.00	5,000 Beacon	2.00	18.00
3,000 Mrs T. W. Lawson	1.50	12.00	20,000 Victory	1.75	15.00
15,000 White Enchantress	2.25	20.00	2,000 Gov Roosevelt	1.40	12.00
12,000 White Perfection	2.25	20.00	2,000 Harlowarden	1.40	12.00

Also many other varieties; send for list. Express prepaid on all orders amounting to $5.00 or more. Cash, please.

B. S. BASSETT'S FLORAL GARDENS, Loomis, Cal.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

The following varieties ready for immediate delivery. Place your order at once to secure this very fine stock of first crop cuttings:

	Per 100	Per 1000		Per 100	Per 1000
10,000 Winona, prize winner	$3.00	$25.00	10,000 Enchantress	$1.80	$15.00
10,000 Beacon	2.25	20.00	6,000 Rose-pink Enchantress	1.50	12.00
5,000 White Enchantress	2.25	20.00	5,000 Winsor	1.75	12.00

Other varieties ready very shortly. Remember, we prepay all express charges on orders amounting to $5.00 or more. This is positively your last chance to secure these unequaled first crop cuttings before we place them in the soil. Send in your orders at once.

These are the kinds of letters we receive. We get lots of them just like these:

* * * The plants arrived in fine condition. In fact, they were almost perfect.
(Signed) F. EDWARD GRAY, Proprietor,
Ingleside Floral Co., Los Angeles, Cal.

* * * Our carnations are doing fine.
(Signed) MEDFORD GREENHOUSE,
Medford, Oregon.

Loomis Carnation Co., Loomis, Cal.

D. F. RODDAN & SON, Proprietors

Mention The Review when you write.

made that it has not proven to be a well paying proposition during the last two seasons.

The May Seed Co. reports a heavy trade in nursery stock, owing to the early opening of the planting season.

G. V. Bennett, of Dimond, Cal., is in line with several houses of ferns and poinsettias. His stock looks remarkably well.

Thos. F. Sharpe is on a visit to Portland, Ore., and vicinity.

The Christmas tree men are in town in full force. Many of the stores will handle trees as a side issue. G.

REVIVING POT-GROWN STOCK.

What is the grower to do with azaleas, camellias and rhododendrons that have been overwatered or underwatered in a florist's store and are returned when the blooms have fallen? This is always a puzzling proposition, especially when they were originally flowered by some other grower. Many times the plants have been overforced, in which case they might as well be thrown out completely. In a majority of cases, however, with a little extra attention they can be brought back into good condition and put in shape so that they will make salable plants for the next season again.

In the mild climate of California we have splendid success with this class of stock, when planted in the open ground and given plenty of water and a partially shady situation. They are not liable to bloom so freely for the first couple of seasons, however, when this is done. So, if it is desired to force them again, this procedure should be dispensed with.

When a camellia has been overwatered and is in a sickly condition, or when it has been given too little water, which is usually the case, by all means take it out of the pot and plant it in the open ground. Camellias want a great deal of water and fertilizing, and I have seen the most miserable looking, misused pot-grown stock that it is possible to imagine

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in.. buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

Asparagus Plants

350,000 1-year.

Leading varieties. Write for prices.

Orders booked now for **Red Loganberry** and **Mammoth Blackberry Plants.**

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

make splendid, shapely plants in two seasons when planted out. They are easily transplanted again, as they make but small roots and do well when given proper treatment in pots. If the plants are in good condition, merely plunging the pot in soil is all that is necessary to have them salable for the second season, in which condition they will make plenty of flower buds.

With azaleas, when they have been overwatered or dried out so much that they are not in a healthy condition, the best plan is to cut them back somewhat and plant them in the ground in a rather shady situation. See that they have good drainage and give them plenty of water and it will be quite a surprise to see what salable plants they will make a year later. If they are inclined to grow unevenly they can be pinched into shape and will set almost as many flower buds as if they were in pots.

If the azaleas have not been neglected and are received in good condition from the florist, the best way to handle them is as follows: If the weather is quite cold, keep them under glass after trimming them back somewhat, and about the first of the warm weather plunge the pots completely in an open bed, where they

Demand Exceeds Supply

About to close order-book.
Order before too late.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

DO YOU WANT STOCKY PLANTS?

WASHINGTONIA ROBUSTA

(Fan Palms), 2 to 3 ft., by the thousands.

Exotic Nurseries

Santa Barbara, Cal.

Mention The Review when you write.

will get plenty of air, light and moisture. Keep the tops in shape by pinching them back and, if the pots are too full of roots when they are taken up in the fall, give them a larger size and shift under glass again. Azaleas do well in a lath house, but, although they make plenty of foliage, they will not set as many buds as when they are kept in the open.

With rhododendrons the best plan is not to try to flower them in pots a second season, but to plant them out in beds that are partially shaded. They do not stand trimming like azaleas and camellias, and although a season or two will be lost as far as flowers are concerned, they will make splendid specimens and can be taken up and boxed as soon as they show another set of buds. G.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

IS there anyone in this country who grows Manetti stocks in a commercial way?

CALIFORNIA PRIVET appears to be one of the few items that are hanging fire on nurserymen's hands.

P. J. REGAN, formerly in the nursery business at Iowa City, Ia., has been adjudged a bankrupt. According to his own estimate, his liabilities are $25,000 and his assets $18,000.

THE weather of last week about put an end to the fall season in the nursery business in the east. The conditions this autumn have been exceptionally favorable. Not in years has there been so long a planting season.

PICEA PUNGENS GLAUCA.

Picea pungens glauca is one of the most popular of all evergreens, both here and in Europe. It is a mistake to plant a number of plants in a limited space, as is too often done. One perfect specimen, as here illustrated, is far better than a crowded group, none of which have a chance to show their individuality. Few people realize, when planting either evergreens or deciduous trees, to what dimensions they will ultimately reach. For this reason we see far too often on public streets, as well as in parkways and private estates, the distressing effects of overcrowding. If planters would use fewer trees and provide for these more liberally in the way of compost, we would see better results all around. The craze for mass, planting for immediate effect, and neglect to properly thin in season must be held responsible for many ill-shaped trees.

It is useless to plant the Colorado blue spruce unless it has room to show itself, and if the hole has been carefully prepared and is of ample size, the rapidity of growth will surprise most people. The illustration shows a fine specimen on the grounds of Arthur Whitin, Whitinsville, Mass., where Thomas Howden is the efficient manager. W. N. C.



Picea Pungens Glauca, the Colorado Blue Spruce.

New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years GENEVA, N. Y. 800 Acres

Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES

The United States Nursery Co
RICH, Coahoma Co., MISS.

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, T. Blumschen, La Fiamma, Trier, Lady Gay, Debutante, Dorothy Perkins, Hiawatha — 12c each

Tausendschon, Barbier — 20c each

Clematis Paniculata, field-grown, 1-year, 6c each.
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c.
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $4.00 per 100; $35.00 per 1000.
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

BERBERIS SILVER BEAUTY.

Some weeks ago the REVIEW recorded the fact that M. J. Van Leeuwen, manager of the Continental Nurseries, Franklin, Mass., had registered Berberis Thunbergii Silver Beauty with the Society of American Florists, describing it as a variegated form of the well-known Berberis Thunbergii. Mr. Van Leeuwen writes that "good news is ever welcome and oft repeated, and thus travels fast. So the origination of a variegated berberry and its subsequent registration, noticed in your columns, has already attracted the attention of many of the growers of ornamental nursery stock, both in this country and in Europe, resulting in a demand for stock far in excess of the present supply, with a number of offers to purchase the entire stock. It is the intention to exhibit Berberis Silver Beauty next summer, for which purpose a number of pot plants are being grown."

CITRUS TRIFOLIATA FREE.

An importation of Citrus trifoliata plants from Japan, entered by J. Singer at Houston, Tex., which were classified under paragraph 252, tariff act of 1897, relating to nursery stock, were claimed to be free of duty under the following



RAFFIA

ALL COLORS

Nothing is so popular and gives so wide a field of usefulness as

Colored Raffia

We have been selling schools, department stores, seed stores, photo supply houses, florists, nurserymen, decorators, upholsterers, theaters, etc., for years.

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We import only the best selected stock. It costs more, but it is money well spent. We can, therefore, offer a choice grade, selected on account of its clear color, for dyeing purposes. The strands are broad and of good length.

We carry in stock an assortment of 20 different colors, including brown, 2 shades; blue, 2 shades; green, 4 shades; red, 3 shades; old gold, orange, yellow, pink, purple, black and white. Prices on application. Color samples free.

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FOREST TREE SEEDLINGS

We Have Millions of Seedlings

BLACK LOCUST, CATALPA SPECIOSA Red Bud, Sweet Gum, Sycamore, Persimmon, Poplar, Ash, Elm, California Privet, and various other seedlings at very low prices.

A large stock of transplanted 2 to 6 ft. **Hamamelis Virginiana; Calycanthus,** sweet shrub, 6 in. to 3 ft.; **Spiraea Van Houttei,** 2 to 2½ ft.

FINE STOCK. SEND FOR LIST.

FOREST NURSERY & SEED CO.
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All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) **Seedlings**
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.

HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.

Mention The Review when you write.

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At Special Prices
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THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO

Satisfaction or Your Money Back.

POT GROWN

Hydrangea Otaksa

5-inch, fine stock...$15.00 per 100
4-inch, fine stock... 10.00 per 100

THE CARL HAGENBURGER CO.
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Write us for latest price list

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LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

provision in paragraph 560: "Fruit-plants, tropical and semitropical, for the purpose of propagation or cultivation." The U. S. Board of General Appraisers sustained the protest of the importer, General Appraiser Waite writing the following opinion:

"The question at issue seems to be whether these plants are tropical or semitropical fruit plants imported for propagation. From the testimony we gather that the Citrus trifoliata is a kind of wild orange tree, which is grown from the seed and which produces a small, inedible orange; that the plants are sometimes used for hedges, but the principal purpose for which they are imported is to use as stock upon which to graft an edible variety of orange. Such seedlings are described in the Japanese catalogue in evidence as 'useful hedge plants with thorny branches, much valued as stock for grafting orange families.' We think these plants should be considered of a semitropical nature. They are imported for growth and cultivation in the southern part of Texas. The Board in G. A. 4255 (T. D. 20009) held seedling orange trees of the Mandarin variety, imported for cultivation in Louisiana, to be free of duty under paragraph 560 as semitropical fruit plants. The Citrus trifoliata plants are shown by the testimony to be fruit plants, though their natural fruit is not considered edible; but as the plants are used as stock upon which to graft the edible varieties of oranges, and grafting is merely one method of propagating plants, we are of the opinion that they come within the descriptive terms of paragraph 560, and are entitled to free entry thereunder."

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ADIANTUMS.

Adiantum Croweanum, 6-in., perfect specimens, 15 in. across, 50c; 10-in., 30 to 40 in., perfect, $1.50. Hybridum, 10-in., same size and price.
J. Sylvester, Florist, Oconto, Wis.

Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
Baur Floral Co., Erie, Pa.

AGAPANTHUS.

Agapanthus, sturdy field plants, 25c each, $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

AGERATUMS.

Ageratums, fine purple, rooted cuttings, 50c per 100, $4.00 per 1000; 3-in., 3c each. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratum Stella Gurney, R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternantheras, red and yellow, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Alyssum, best for florists, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

ARAUCARIAS.

Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100.
F. Ludemann, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in., 3 to 4 tiers, 75c each; 7-in., 3 to 4 tiers, $1.25 each. Cash.
Frank Sokol, College St., Worcester, Mass.

ASPARAGUS.

Asparagus plumosus, 2½-in., $2.50 per 100; Sprengeri seedlings, 1c, $9.00 per 1000; Sprengeri, 2½-in., 2½c; 3-in., 5c; 4-in., 10c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus Sprengeri, strong bushy plants, out of 3-in. pots, $5.00 per 100; $40.00 per 1000. C. A. Rieman, 1224 Grand Ave., Connersville, Ind.

Asparagus plumosus, strong plants, 2 and 3-in., $3.00 and $5.00 per 100. Sprengeri, 3-in., $5.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Asparagus plumosus, fine, young stock, ready Jan. 1 to Aug. 1, $2.50 per 100. 40,000 of them. Samples on request.
Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, in 2½-in., at 2c; all first class stock. Will exchange for Boston or Amerpohlii ferns.
A. E. Boyce, Bartlesville, Okla.

7000 Asparagus plumosus, out of 3-in. pots, $5.00 per 100. This is extra fine stuff. Cash with order. L. C. Hecock Floral Co., Elyria, O.

Asparagus plumosus nanus, transplanted seedlings, 2 and 2½-in. pots, $15.00 per 1000 f. o. b. Loomis. Loomis Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 2½-in., 2½c; 2½-in. rose pots, 3c; 6-in., 15c. Excellent, thrifty stock. M. M. Lathrop, Cortland, N. Y.

Exceptionally strong Asparagus plumosus, 2¼-in. pots, $2.50; 3-in., $5.00; 4-in., $10.00 per 100. Williams Floral Co., Bedford, Ind.

Asparagus plumosus nanus, 2-in., $2.00 per 100; 4-in., extra fine, large plants, $8.00 per 100. Scharff Bros., Van Wert, Ohio.

Asparagus plumosus and Sprengeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus plumosus nanus, unusually stocky, 2½-in., $2.50; 2¼-in., $2.00 per 100.
J. H. Myers, Altoona, Pa.

Asparagus plumosus nanus and Sprengeri, young plants, cheap. Send for price list.
H. Hayashi & Co., Alameda, Cal.

Asparagus plumosus, 3-in., strong, $4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, strong plants, 3-in., $6.00; 3½-in., $8.00.
Kemble Floral Co., Oskaloosa, Iowa.

Asparagus Sprengeri, strong, 2-in., $1.75 per 100; $15.00 per 1000.
Reeser & Youngstrand, Springfield, O.

Asparagus Sprengeri, 2¼-in., 2½c; 3-in., 5c; 4-in., 10c.
Moshæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 3-in., 85c per doz., $7.00 per 100. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2¼-in., strong, $2.50 per 100.
C. Winterich, Cyclamen Specialist, Defiance, O.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong 4-in., $10.00 per 100. Cash. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri, strong 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus plumosus nanus, 3-in., $4.00 per 100. Loyd C. Bunch, Fredonia, Kan.

Asparagus Sprengeri, 2-inch, $1.75 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

AZALEAS.

AZALEAS FOR CHRISTMAS.
Finely in bloom; three sizes, $1.00, $1.25 and $1.50 each. Simon Mardner, Vervaeneana, D. Perle. Packed with care and as light as possible. Specimens, $2.50 and $3.00 each. Very showy and salable.
Gullett & Sons, Lincoln, Ill.

Azaleas in flower for Christmas, 75c to $1.00 each.
Whitton & Sons, City & Green Sts, Utica, N. Y.

BEGONIAS.

Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, full of buds and flowers, 2½-in., 12c and 15c; 3-in., 20c and 25c; 4-in., 40c; 5-in., 50c; 6-in., 75c.
J. Sylvester, Florist, Oconto, Wis.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Begonias, flowering kinds, $1.50 per 100; prepaid. S. D. Brant, Clay Center, Kan.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

Rex begonias, 2-in., $3.00 100, $30.00 1000; rubra, large plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Begonias, 6 varieties, 4-in., 10c.
Hammerschmidt & Clark, Medina, O.

BERRIED PLANTS.

Christmas peppers, 4-in., ready for 5-in., well branched, stocky, $5.00 per 100.
H. O. Hannah & Son, Sherman, Tex.

BULBS.

DWARF PEARL TUBEROSE BULBS
CALADIUM ESCULENTUM.
For immediate delivery.
Write for prices.
Z. J. CARTER & SON, WALLACE, N. C.

Bulbs. Special wholesale price list of native lilums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

Bulbs. Amaryllis, Milla, bessera, zephyranthes, Cooperia. Ask for prices. Wm. Tell, Austin, Tex.

CACTI.

Well established cacti in variety. Ask for prices. Wm. Tell, Austin, Tex.

CANNAS.

75,000 cannas, home-grown, true to name, $8.00 to $50.00 per 1000. Send for price list.
W. W. Coles, Kokomo, Ind.

Cannas, very extra list, big stock. Send list. C. Betscher, Canal Dover, Ohio.

CARNATIONS.

STRONG, HEALTHY, WELL ROOTED CUTTINGS. NOW READY.

	100	1000
Georgia, best white	$6.00	$50.00
Harvard, crimson	4.00	35.00
Faust, Christmas scarlet	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Winsor	2.50	20.00
Beacon	2.50	20.00
Victory	2.50	20.00
Bay State	6.00	50.00
Victoria	4.00	35.00

REMEMBER WE GUARANTEE SATISFACTION.
James D. Cockcroft, Northport, L. I., N. Y.

Well rooted carnation cuttings. Enchantress, $2.50 per 100; $20.00 per 1000. White Perfection, $2.50 per 100; $20.00 per 1000. Pink Lawson, $2.00 per 100; $15.00 per 1000. Rose-pink Enchantress, $3.50 per 100; $30.00 per 1000. Red Beacon, $3.00 per 100; $25.00 per 1000. Red Victory, $2.50 per 100; $20.00 per 1000. Winsor, $2.50 per 100; $20.00 per 1000. Variegated Mrs. Patten, $2.50 per 100; $20.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (pink Perfection, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

SELECT, WELL ROOTED STOCK.

	100	1000
White Enchantress, Beacon	$3.50	$30.00
Rose-pink, W. Perfection	2.50	25.00
Enchantress, Winsor	2.00	20.00
White Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

Good stuff, more than worth the money.
Gullett & Sons, Lincoln, Ill.

Wanted unrooted or rooted White Enchantress and White Perfection for President Taft, new red, and Improved Queen, white, very prolific and long stemmed; or will buy it cheap.
Brant & Noe Floral Co.,
W. Peterson and N. 48th Aves., Chicago, Ill.

Carnation rooted cuttings for early delivery. Selected stock of White Enchantress, Winona, Afterglow, Winsor, Red Nelson Fisher, O. P. Bassett and Beacon, $3.00 per 100; $25.00 per 1000. A. C. Canfield, Springfield, Ill.

Rooted carnation cuttings of Enchantress, Winsor, Lawson, White Lawson, W. Enchantress and White Perfection, $3.00 per $1.00; $22.00 per 1000. Now ready for delivery. Henry E. Reimers, Box 255, Spokane, Wash.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Carnations. You can save money on the cuttings you buy if I am given the order. Send a list of what you want for pricing.
Albert M. Herr, Lancaster, Pa.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, delivery after Jan. 1.
Wanoka Greenhouses, Barneveld, N. Y.

CHRISTMAS STOCK.

CHRISTMAS STOCK.

Jerusalem cherries, 4-in., full of ripe fruit, 10c. Christmas peppers, 6-in., loaded with ripe fruit, extra fancy stock, 25c; some have from 100 to 150 fruit. Primroses, Chinese, fine, in bloom, 4-in., 10c; obconica, 4-in., in bloom, 10c. Cyclamen, in bloom and bud, 4-in., 15c. Cash, please.
F. B. Rine, Lewisburg, Pa.

CHRISTMAS PLANTS.

Fine azaleas, in bloom, $1.00, $1.25 and $1.50 each; specimen plants, $2.50 and $3.00. Cyclamen, 40c, 50c, 75c and $1.00 each. Dracaena terminalis, highly colored, 50c each. Primroses, fine, 5-in., 25c. Poinsettias, in pans, 75c and $1.00.
Gullett & Sons, Lincoln, Ill.

Primulas in bloom. Giant obconica, strong 5-in., $2.00; Chinese, 5-in., $1.50 per doz. Jer. cherries, loaded with berries, strong 5-in., $2.00 per doz. Ferns, extra fine, Boston, Scottii, bushy, 5-in., equal to best 6-in., 25c. Cash. All first-class.
Wm. S. Herzog, Morris Plains, N. J.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS.

Monrovia	75c doz.;	
Oct. Frost	75c doz.;	
Rosiere	75c doz.;	
V. Poehlmann	75c doz.;	$4.50 100
A. J. Balfour	75c doz.;	4.50 100
T. Eaton	75c doz.;	4.00 100
Y. Eaton	75c doz.;	4.00 100
Dr. Enguehard	75c doz.;	4.00 100
Golden Age	75c doz.;	4.00 100
Maj. Bonnaffon	75c doz.;	4.00 100
Col. Appleton	75c doz.;	4.00 100

La Crosse Floral Co.,
P. O. Box 557, La Crosse, Wis.

CHRYSANTHEMUM STOCK PLANTS.
5c each; $4.00 per 100.

Golden Glow	A. J. Balfour
Glory Pacific	Mrs. Clay Frick
Pacific Supreme	Mrs. Buckbee
Alice Roosevelt	Maj. Bonnaffon
White Bonnaffon	Alice Byron
Oct. Frost	Robt. Halliday
Monrovia	Polly Rose
Col. Appleton	Ivory

And many others. Send for complete list.
G. Van Bochove & Bro., Kalamazoo, Mich.

CHRYSANTHEMUM STOCK PLANTS.
75c per doz.; $4.50 per 100.

Monrovia	Touset
Maud Dean	Robert Halliday
Alice Byron	White Bonnaffon
Robinson	Maj. Bonnaffon
Ivory	Shaw
Col. Appleton	Golden Wedding
W. H. Chadwick	J. Nonin
Golden Chadwick	J. Jones
Adelia	Dr. Enguehard

The Munk Floral Co., Columbus, Ohio.

Chrysanthemums. Virginia Poehlmann, Pres. Roosevelt, Mlle. Desjouis, Pacific Supreme, G. Glow and Lynnwood Hall, strong, well rooted cuttings from carefully selected plants, $15.00 per 1000. Golden Chadwick, $20.00 per 1000. Stock plants of Pres. Roosevelt, Nonin, Jones, Y. Jones and Enguehard, $4.00 per 100; rooted cuttings, $12.00 per 1000. Sent C. O. D. with privilege of examination.
Frank Shearer & Son, Binghamton, N. Y.

CHRYSANTHEMUM STOCK PLANTS at reduced price for this week, to clear benches. Golden Glow, Pacific Supreme, G. S. Kalb, October Frost, Polly Rose, Early Snow, Clem. Touset, Ivory, Byron, W. Bonnaffon, White Cloud, Merza, Glory of Pacific, Rosiere, P. Ivory, Dr. Enguehard, Monrovia, Halliday, Pitcher, Bonnaffon, etc., at 3c; Poehlmann, Golden Eagle, 5c; Gloria, 10c. Send for list of 50 varieties.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

TO FOLLOW CHRYSANTHEMUMS.

Antirrhinum, nice, stocky plants, from 2¼-in. pots, well branched, white and yellow, $4.00 per 100; $35.00 per 1000.

Sweet peas, Xmas White and Xmas Pink, 7 to 8 plants in 2½-in. pots, about 6 in. high, $3.00 per 100; $25.00 per 1000.

Also a complete list of chrysanthemum stock plants. Let us know what you want.
The Wm. Scott Co., Corfu, N. Y.

CHRYSANTHEMUM STOCK PLANTS.

Mrs. Kalb, Estelle, White Bonnaffon, Alice Byron, Angele Laurent, Desjouis, Glory of Pacific, Maud Dean, Pink Ivory, Rosette, Amorita, Major Bonnaffon, Cremo, Halliday, Yellow Jones, Golden Glow, Baby, 50c per doz.; $4.00 per 100. Golden Eagle and Baby Margaret, $1.50 per doz.; $10.00 per 100.
Wm. Swayne, Box 215, Kennett Square, Pa.

Chrysanthemum stock plants. Polly Rose, Glory Pacific, Pink and White Ivory, Monrovia, Oct. Frost, Oct. Sunshine, Amorita, White and Yellow Eaton, White and Yellow Bonnaffon, Maud Dean, Dr. Enguehard, Rosiere and Kalb, $3.50 per 100. Golden Glow, Buckbee and Pacific Supreme, 5c.
Crabb & Hunter Floral Co., Grand Rapids, Mich.

Chrysanthemum stock plants. White, Pink and Yellow Ivory, White and Yellow Jones, White and Yellow Chadwick, White and Yellow Eaton, Robert Halliday, Bonnaffon, Mrs. Weeks, J. Nonin, Queen, Western King, 50c per doz.; $3.50 per 100.
Aberdeen Greenhouses, Aberdeen, Wash.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Stock plants of chrysanthemums. Monrovia, Ivory, White Shaw, Early Snow, 50c per doz., $4.00 per 100, or will trade for rooted cuttings of geraniums.
James Crawshaw, 403 Plainfield St., Providence, R. I.

Chrysanthemum stock plants. Kalb, Monrovia, White Fitzwygram, Opah, G. Pacific, Polly Rose, Shaw, Oct. Frost, Halliday, Touset, Josephine, Golden Trophy; also midseason and late varieties, $4.00 100. Wm. Ehmann, Corfu, N. Y.

5000 chrysanthemum stock plants. Dr. Enguehard, Wm. Duckham, Buckbee, Willowbrook, Alice Byron, White Eaton, White and Yellow Bonnaffon, $1.50 per 100. Cash.
Ernsberger Bros., Celina, Ohio.

CHRYSANTHEMUMS. STOCK PLANTS.
Golden Glow, 5c. V. Poehlmann, C. Touset, Yellow Chadwick, White Chadwick, B. May, Alice Byron, 4c.
Holton & Hunkel Co., Milwaukee, Wis.

Strong rooted cuttings of mum stock plants, $1.00 per 100. Cash. V. Poehlmann, Eaton, Appleton, Touset, Monrovia, Yellow and White Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Chrysanthemum stock plants. A. Byron, Mlle. M. Desjouis, Buckbee, White and Yellow Chadwick, Eaton and Pres. Roosevelt, $3.00 per 100.
John E. Rackebrandt, Princeton, Ky.

Mums. October Frost, October Sunshine, Monogram, Glory Pacific, stock plants, full of cuttings, to make room, $2.50 per 100.
R. F. Gloede, Evanston, Ill.

Fine stock chrysanthemums, Estelle, Glory of Pacific, Ivory, Monrovia, Robinson, $3.00 per 100. Cash.
Danville Floral Co., Danville, Ill.

Chrysanthemums, good stock plants. White and Yellow Bonnaffon, $3.00 per 100; Ivory, $2.50 per 100.
Kring Bros., Fairbury, Ill.

Stock plants of chrysanthemums. Monrovia, Oct. Frost, Touset, Jeanne Nonin, 50c per doz.; $4.00 per 100. A. T. Hey Floral Co., Maywood, Ill.

Chrysanthemum stock plants. Send for list and prices. All money-making kinds.
Geo. A. Relyea, Poughkeepsie, N. Y.

Chrysanthemum stock plants. Bonnaffon, M. Dean, Lynnwood Hall, $3.00 per 100.
P. A. Baker, Media, Pa.

Fine stock plants of Poehlmann and Crocus, 50c per doz. Wm. Lee & Sons, Bedford, O.

Chrysanthemums, field clumps. Pompons, 4c; singles, 8c. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, Columbian, new Scarlet Queen, Stellata, James' Prize, 3-in., ready for 4-in., $4.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, from choicest seed, big, strong plants, ready for 4-in. pots, $3.50 per 100. Cash. Addems, Morgan & Co., Paxton, Ill.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, large flowering, 2¼-in., 2c. Stellata, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

Cinerarias, large flowering dwarf, extra fine, 3-in., $3.50 per 100; 3½-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Cinerarias, extra fine, 3-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

CINNAMON VINES.

Cinnamon vines, big stock, cheap.
C. Betscher, Canal Dover, Ohio.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100.
F. A. Baller, Bloomington, Ill.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, Verschaffeltii, Golden Bedder, and ten other varieties, 60c per 100; $5.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

Coleus rooted cuttings. Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings, 50c per 100; 2-in., $1.75 per 100. R. K. Stokesberry, Leetonia, Ohio.

Coleus, 15 varieties, rooted cuttings, 75c per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CYCLAMEN.

Cyclamen giganteum superbum, new English strain, larger flowers than any other, 10 varieties, Rococo, in all colors, 4 strains of the new salmon shades, new fringed and frilled, all that is best, nicely budded, 3-in., ready for 4-in., $7.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

CYCLAMEN FOR CHRISTMAS.

Showy plants, 50c, 75c and $1.00 each. Careful packing, in waterproof or earthen pots. The stock you need for Christmas sales.
Gullett & Sons, Lincoln, Ill.

Cyclamen, fine stock, 2½-in., $5.00; 3-in., $8.00; 4-in., $12.00, $18.00 and $25.00, in bud; 5-in., $35.00 and $50.00 per 100; 6-in., 75c to $1.50 each, in bloom.
C. Winterich, Cyclamen Specialist, Defiance, O.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamens, which took the first prize in the Milwaukee flower show. They are in full bud and bloom, 4, 4½, 5, 5½, 6-in. pots. Ask for prices. Carl Meier & Co., Green Bay, Wis.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, extra well grown and budded plants, from 4-in. pots, $15.00; 5-in. pots, $25.00 per 100. Paul Mader, East Stroudsburg, Pa.

Cyclamen, from flats, finest selected vars., separate colors, $1.50 100, postpaid.
Wm. Eschrich & Co., North Milwaukee, Wis.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

DAHLIAS.

Dahlias. No more orders taken for field clumps after Dec. 10. Have large quantities of divided roots for present or spring delivery, in fifty varieties, standard sorts, mostly proven cut flower varieties.
W. A. Finger, Hicksville, L. I., N. Y.

Dahlias, field-grown clumps, will divide in 3 to 5 eyes, and will make 3 to 5 plants in the spring; Catherine Duer, fine red, and Clifford Bruton, fine yellow, $5.00 per 100. Cash with order. Ralph Horner, Mt. Holly, N. J.

SURPLUS DAHLIAS.

2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

Dahlias, C. W. Bruton, best yellow, and Sylvia, long-stemmed pink. Undivided field clumps, $5.00 per 100.
E. E. Stewart, Rives Junction, Mich.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King. E. Bridgewater, Mass.

DAHLIAS—Continued.

Dahlias, big stock, big clumps, best sorts. Send list. C. Botscher, Canal Dover, Ohio.

DAISIES.

Daisies, bellis, double white and pink, $2.00 per 1000. California Giant, winter flowering, white and yellow, 2½-in., $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

DEUTZIAS.

Deutzia Lemoinei, for forcing, pot grown, extra heavy, from 9-in. pots, $50.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

DRACÆNAS.

Dracaena indivisa, 3-in., 5c; 4-in., 12c; fine field-grown stock, ready for 5 and 6-in. pots. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 3-in., 5c; fine 5-in. stock, 20c. Mosbæk Greenhouse Co., Onarga, Ill.

FERNS.

FERNS FOR FERN DISHES, best stock, largest assortment; 3-in., $6.00 per 100, $55.00 per 1000.

CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.

ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.

Largest commercial collection of ferns in the country. Ask for descriptive catalogue.

J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

Ferns. 2½-in. Boston, 3c; 3-in., 8c; 4-in., 15c; 5-in., 30c. 2½-in. Piersoni and Whitmani, 4c. 2½-in. Scottii, 5c; 3-in., 10c. 2½-in. Amerpohlii, 6c; 3-in., 12c. 3-in. Elegantissima, 10c; 4-in., 15c.
Truitt's Greenhouses, Chanute, Kan.

Ferns. Place your order now for ferns, largest stock and prices lowest, considering quality. Whitmani, Elegantissima, Boston, Barrowsii and Piersoni, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.

J. BADER,
43 Ravine St., N. S., Pittsburg, Pa.

Boston ferns from bench, for 4 and 5-in. pots, for immediate delivery. Nephrolepis exaltata, Nephrolepis Scottii, $15.00 per 100.
Fowler Bros., Westfield, Mass.

Ferns. Whitmani, 2½-in., 4c; 4-in., 20c; 5-in., 35c; 6-in., 50c. Barrowsii, 4-in., 15c; 5-in., extra, 35c; 7-in., heavy, 75c.
A. J. Baldwin, Newark, Ohio.

Boston ferns, from bench, 5-inch, 15c; 6-in., 25c. None but good stock that will make salable 5 and 6-inch plants.
P. Pearson, 1725 N. Campbell Ave., Chicago.

Ferns. Boston or Whitmani, 2¼-in., $3.00 per 100; 3½-in., $8.00 per 100; 5-in., $20.00 per 100; 6-in., $30.00 per 100.
J. W. Davis, 225 W. 16th St., Davenport, Iowa.

Boston ferns, from bench, ready for 5 and 6-in. pots, $3.00 per doz.; $20.00 per 100. Cash. Florists, this is good stock.
H. M. Totman, Randolph, Vt.

Ferns. Boston, 5-in., $35.00 per 100; 6-in., $50.00 per 100. Elegantissima, 5-in., $35.00 per 100; 6-in., $50.00 per 100.
Storrs & Harrison Co., Painesville, O.

Whitmani ferns, 6-in. pots, $5.00 per doz.; 7 and 8-in., 75c and $1.00 each; cut fronds, $2.00 per 100.
Davis, Florist, Shawmut Ave., New Bedford, Mass.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in., pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

20000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Ferns. Boston and Barrowsii from bench, for 5-in. pots, $15.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

Ferns for dishes, 2½-in., $3.00 per 100: Whitmani, 2½-in., $5.00 per 100.
McRae-Jenkinson Co., Cheswick, Pa.

Ferns. Scottii, 2¼-in., 5c; 3-in., 10c. Whitmani and Elegantissima, 3-in., 10c.
Mosbæk Greenhouse Co., Onarga, Ill.

20000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Boston ferns, strong, 4-inch, 15 cents each; from bench, 12½c each.
Wussow Bros., 439 W. 80th St., Chicago.

Ferns. Whitmani, 5-in., perfect plants, 35c; Amerpohlii, 5-in., 50c.
J. Sylvester, Florist, Oconto, Wis.

Ferns. Surplus of 4 and 5-in., fine stock, prices right. Herms Floral Co., Portsmouth, O.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

Boston ferns, very strong, 4-in., $20.00; 5-in., $30.00. Kemble Floral Co., Oskaloosa, Iowa.

Boston ferns, 4-in., $12.50 per 100.
B. E. Wadsworth, Box 224, Danville, Ill.

FEVERFEW.

Feverfew, double, rooted cuttings, 1c; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

FORGET-ME-NOTS.

Forget-me-nots, hardy, blue; fine plants, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, nice, large, bushy stock plants, 4-in., $8.00 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

GENISTAS.

Genistas, nicely trimmed plants, in good shape for Easter flowering, 5-in., $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, O.

Genistas, rooted cuttings, 2c; 5-in., 25c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

GERANIUMS.

100,000 geraniums. Our stock is in fine shape and includes the following superb bedders: S. A. Nutt, Beaute Poitevine, Alphonse Ricard, double Gen. Grant, E. G. Hill, John Doyle, Columbia, La Favorite, Snow Queen, Mrs. Perkins, Mme. Salleroi, Variegated S. A. Nutt. Rose-leaf, Ivy, Chas. Turner and La Rosiere, rooted cuttings, $1.50 per 100, $15.00 per 1000; 2-in., $2.00; 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted. $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelty, Red Wing, 25c each, $2.50 per doz. Write for geranium catalogue. geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Unrooted geranium cuttings, best new and standard varieties, from strong field-grown plants, packed to ship long distances. One each of 100 varieties, postpaid, $1.00 per 100; assorted, red, pink, as desired, $1.00 per 100. Cactus geraniums, four varieties, $1.50 per 100. C. W. Smyth, 94 S. Bonnie Ave., Pasadena, Cal.

Geranium rooted cuttings. Nutt and Buchner, $10.00 per 1000. Ricard, Poitevine, Jaulin, Montmort, Castellane and Doyle, $12.50 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Geraniums. Orders booked for January delivery. Hill, Gloire de France, La Favorite, Eugene Sue, Roseleur, Ricard and others, $1.50 per 100; $13.00 per 1000. Alliance, Richmond Beauty, Sir Fred Trevor and Variegated S. A. Nutt, $5.00 per 100.
Addems, Morgan & Co., Loda, Ill.

Large, well rooted geranium cuttings. S. A. Nutt and Buchner, $10.00 per 1000. Poitevine and Ricard, $12.50 per 1000. Ready now; can ship at once. All orders receive my personal attention. Cash with order. See display adv.
C. F. Treichler, Sanborn, N. Y.

Geranium rooted cuttings. Double Grant, Mme. Buchner, $1.25 per 100; $10.00 per 1000. S. A. Nutt, Buchner and double Grant, 2½-in., $2.50 per 100; 4-in., $5.00 per 100. Excellent stock. Cash. M. M. Lathrop, Cortland, N. Y.

Geraniums. I want your trade. A trial order will convince you that my cuttings are grown to give you good plants. S. A. Nutt, $1.00; Ricard and Poitevine, $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Geraniums. Well rooted cuttings of S. A. Nutt, Montmort, Buchner, $1.25 per 100; $9.00 per 1000. Poitevine and Ricard, $1.50 per 100; $12.50 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings. Grant, Nutt, Buchner and others, $1.00 per 100; $10.00 per 1000. Henderson, Dryden, Ricard, Viaud and others, $1.25 per 100; $12.50 per 1000.
C. H. Puhlman, Carnegie, Pa.

Geraniums Ricard, S. A. Nutt, Buchner, from 2½-in. pots, extra fine lot of strong, cool-grown plants, $2.25 per 100; $20.00 per 1000. Order now.
J. R. Brooks, Oxford Depot, Orange Co., N. Y.

100,000 select top cuttings, well rooted, of Nutt, Buchner, La Favorite, Poitevine, Viaud, Perkins, Ricard, Doyle and Duc de Montmort, $12.00 per 1000. D. R. Herron, Olean, N. Y.

Geranium rooted cuttings. Nutt and La Favorite, $10.00 per 1000; Poitevine and Ricard, $12.50 per 1000; Poitevine alone, $15.00 per 1000. G. E. Fink, Roselle, N. J.

Geranium rooted cuttings. Nutt, Ricard, Grant, Poitevine, Mme. Buchner, $1.00 per 100; $10.00 per 1000. Cash. C. Schulze & Son, 261 Lawrence St., Flushing, L. I., N. Y.

Geraniums. Nutt and Silver-leaved Nutt, in 2½-in. pots, in bloom for Christmas, $5.00 per 100. Jacob Russler, 114th and Avon Ave., Morgan Park, Ill.

Geranium rooted cuttings. 15,000 S. A. Nutt, $1.00 per 100, $9.00 per 1000; 3000 Jean Viaud, $1.25 per 100, $10.00 per 1000. Cash, please.
Fred C. Greene, 610 Innis St., Oil City, Pa.

Geranium rooted cuttings, Nutt, Buchner, Grant, $1.25 per 100, $10.00 per 1000; 2-in. pots, $2.00 per 100. Now ready. Cash.
W. C. Myers & Sons, Scottdale, Pa.

Geraniums. If you want good and true to name stock of all standard and new varieties, write now and don't delay until spring.
R. F. Gloede, Evanston, Ill.

Geraniums. Buchner, Jaulin, Nutt, Chas. Gervais, Henderson and Montmort rooted cuttings, $1.25 100; $12.00 1000.
Chas. Frost, Kenilworth, N. J.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Geraniums. 800 Nutt, 400 Viaud, 350 Ricard, 100 Henderson, 100 Poitevine, strong, 2½-in. pot plants, $2.00 per 100.
Mish's Lebanon Greenhouses, Lebanon, Pa.

Geraniums, S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geranium S. A. Nutt cuttings, extra strong, well rooted, true to name, $1.25 per 100; $10.00 per 1000. E. A. Muchow, Clarence, N. Y.

Geraniums. 1500 double Grant, strong, stocky plants, from 2-in. pots, $2.00 100; $18.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Geraniums. S. A. Nutt, 2½-in. pots, strong and vigorous, $2.25 per 100; $20.00 per 1000.
Fowler Bros., Westfield, Mass.

S. A. Nutt geraniums, 2½-in., ready for shift, $2.25 per 100; $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geranium rooted cuttings, ready, 1c, $9.00 per 1000; 2¼-in., nice plants, $1.75 per 100.
Jacob Doerrer, R. R. 1, Columbia, Pa.

Geranium rooted cuttings. Nutt, Poitevine and Ricard, $12.50 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Geraniums, the cream of the bedders. See display adv. John Irvine & Sons, Bay City, Mich.

Geraniums, standard varieties, 4-in., 10c; 5-in., 15c. Mosbæk Greenhouse Co., Onarga, Ill.

Geraniums. Nutt, 2¼-in., 2c; Salleroi cuttings, 1c. Hammerschmidt & Clark, Medina, O.

GLADIOLI.

100,000 gladioli, $4.00 to $7.00 per 1000, if taken from the field. Silver Trophy, Sec. 2, Groff's hybrids, mixed seedlings and named sorts. Also small bulbs and bulblets cheap. Send for lists.
G. B. Babcock, Route 80, Jamestown, N. Y.

Gladioli, new forcing, Pink Beauty, great bloomer, $2.50 per 100; $20.00 per 1000. America, May, light mixtures, etc. Cash.
F. H. Stevens, Grower,
143 Superior St., Saginaw, W. S., Mich.

Gladioli. 200,000 fine, healthy bulbs, Augustas, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli. See my display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

Gladioli, best sorts, extra mixtures, all sizes.
C. Betscher, Canal Dover, Ohio.

Gladioli. The Bride, $5.00 per 1000; Blushing Bride, $5.00 per 1000; Peach Blossom, $9.00 per 1000. Currie Bros. Co., Milwaukee, Wis.

Gladioli. May, Augusta, Independence, Mrs. Francis King and Groff's hybrids. Write for prices. Mrs. A. H. Austin, Wayland, Ohio.

Gladioli. Planting stock of Mrs. Francis King and other choice sorts. Cheap for cash. P. O. Coblentz, New Madison, Ohio.

100,000 choice gladioli bulblets, just harvested, $2.00 1000. [illegible] Beaman, Kennan St., Santa Cruz, Cal.

Augusta gladiolus, all sizes. Also dahlias. C. H. Ketcham, N. S. D., South Haven, Mich.

HELIOTROPES.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark blue, fine, 2-in., 1½c. 10% disc on all plants. Cash. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, dark, well rooted cuttings, 60c per 100; 2½-in., 2c; 3½-in., 5c. Cash. W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, nice stock, 2½-in., $2.00 100; $18.00 1000. Samples free. Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotrope rooted cuttings, 60c per 100; $5.00 per 1000. H. S. Brandt, 141 Spruce St., York, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100. Fowler Bros., Westfield, Mass.

HOLLYHOCKS.

Hollyhocks, dble. white, for design work, 1st size, 2c; 2nd, 1c. Cash. 10% disc. on all plants. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Advertisers have learned from experience that THE REVIEW PAYS BEST.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, field-grown, strong, well shaped plants. Pot now for Easter blooming. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c. Baur Floral Co., Erie, Pa.

Hydrangea Otaksa, for next spring flowering, sturdy plants from 3-in. pots, $5.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

Hydrangea Otaksa, pot-grown, fine plants, in 6-in. pots, $15.00 per 100. Jackson & Perkins Co., Newark, New York.

IMPATIENS.

1000 Impatiens Holstii, 2½-in., ready for 4-in., 3c each. Wagoner Floral Co., Box 164, Columbia City, Ind.

IRISES.

Iris, Japanese, 50 varieties, $3.00 per 100. Gilbert Costich, Rochester, N. Y.

Iris, all types. Very select list. C. Betscher, Canal Dover, O.

IVIES.

Ivy, English, rooted cuttings, 1c, $8.00 per 1000; 2½-in., 6c. Cash. W. E. Trimble Greenhouse Co., Princeton, Ill.

English ivy, 4-in., 12½c. Will exchange for rose stock. The Newburys, Mitchell, S. D.

LEMONS.

American Wonder lemon, strong plants in 2½-in. pots, $2.50 per 100. Jackson & Perkins Co., Newark, New York.

LILY OF THE VALLEY.

Lily of the valley for prompt delivery. Exposition grade, extra fancy, in cases of 2000 crowns, $32.00 per case; $17.00 per 1000. Perfection grade, true Berlin, in cases of 1000 pips, $14.00 per case. Holsatia grade, fine for later forcing or cold storage purposes, in cases of 2500 pips, $30.00 per case; $13.50 per 1000. Jackson & Perkins Co., Newark, New York.

Lily of the valley, Bruns' celebrated Chicago Market brand, $15.00 1000; $1.75 100. Berlin pips, early forcing variety, $1.50 100; $13.00 1000. Fancy cut valley always on hand. H. N. Bruns, 3040 Madison St., Chicago.

Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or reference, please. W. A. Finger, Hicksville, N. Y.

Extra giant forcing valley, $14.00 per 1000. Currie Bros. Co., Milwaukee, Wis.

LOBELIAS.

Lobelia Kathleen Mallard, strong, well rooted cuttings, $1.00 per 100; 2½-in., $2.50 per 100. Cash. W. E. Trimble Greenhouse Co., Princeton, Ill.

Double lobelia, Kathleen Mallard, strong and well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

MADEIRA VINES.

Madeira vines, big stock, cheap. C. Betscher, Canal Dover, Ohio.

MISTLETOE.

Mistletoe. Silliman's Every Sprig Berried Brand, costs no more; quality considered, worth double. Write for prices. Eighteenth year. A. B. Silliman & Co., Boone, Iowa.

MOONVINES.

Well rooted moonvine cuttings, extra good, $1.50 per 100. Stuart & Haugh, Anderson, Ind.

NURSERY STOCK.

NURSERY STOCK.

Elm, 3-4 ft., $3.50 per 100; 4-5 ft., $6.00; 6-8 ft., $12.00; 8-10 ft., $18.00.
Ash, 6-8 ft., $12.00 per 100; 8-10 ft., $18.00.
Maple, silver, 3-4 ft., $3.50 per 100; 4-5 ft., $5.00; 6-8 ft., $10.00; 8-10 ft., $18.00.
Catalpa, 4-5 ft., $5.00 per 100; 6-8 ft., $10.00.
White birch, 8-10 ft., $28.00 per 100; 10-12 ft., $35.00.
Wild B. cherry, 8-10 ft., $28.00 per 100.
Silver-leaved poplar, 6-8 ft., $15.00 per 100; 8-10 ft., $25.00.
Niobe weeping willow, 6-8 ft., $35.00 per 100; 8-10 ft., $40.00.
German iris, in variety, $3.00 per 100.
Golden Glow, $3.00 per 100.
Chrysanthemum uliginosum, $3.00 per 100.
Peonies, mixed, 3 to 5 eye divisions, $5.00 per 100. Pink, 3 to 5 eye divisions, $6.00 per 100. White, 3 to 5 eye divisions, $7.00 per 100.
Packing extra.
The Newburys, Mitchell, S. D.

20,000 cut-leaved weeping birch, all sizes. Write for cash price on size and number wanted. W. & T. Cass, Geneva, N. Y.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS. ELLWANGER & BARRY, ROCHESTER, N. Y.

ORCHIDS.

Boxes of ASSORTED ORCHID FLOWERS, $5.00 and upward. Wheeler & Co., Waban, Mass.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

OXALIS.

Oxalis. Deppei, lasiandra and Shamrock, big stock. C. Betscher, Canal Dover, Ohio.

PALMS, ETC.

Palms. Kentia Forsteriana, a grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened, clean plants, the best we ever saw. Extra good value. We have plenty of them. 36 to 40 in. high, $3.50 each; 40 to 44 in., $4.50; 44 to 48 in., $6.00. Kentia Belmoreana, 4-in., ready for sales or growing on, well shaped little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz., $30.00 per 100. Storrs & Harrison Co., Painesville, O.

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Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling. Gustav Pitzonka, Pansy Farm, Bristol, Pa.

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PEONY MONS. DUPONT. And 90 others.
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Poinsettias for Christmas, 3 plants in 7-in. pans, 60c per pan. J. W. Davis, 225 W. 16th St., Davenport, Ia.

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California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.00 1000; 24 to 30 in., 4 to 6 bran., $14.00 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000.
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Bride $2.25 100; $20.00 1000
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By CLARENCE M. WEED, D. Sc. A practical manual concerning noxious insects and the methods of preventing their injuries. Profusely illustrated. A generally useful handbook on noxious insects. It covers the whole field of insect pests very thoroughly and is especially valuable for its complete and up-to-date methods of fighting insects. The work is intensely practical. All the important insect pests are described and remedies for them, and methods of preventing their injuries described in detail. Cloth. **$1.50**

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By PROF. L. R. TAFT, of Michigan Agricultural College. A manual for florists and flower lovers on the forcing of flowers, vegetables and fruits in greenhouses, and the propagation and care of house plants. It treats of all the plants commonly cultivated by florists and amateurs, and explains in a thorough manner the methods that have been found most successful in growing them. Particular attention is paid to the growing of cut flowers, the growing of fruits under glass, etc. Of special value will be the directions for treating plants when attacked by insects and fungi. The preparation of the soil, the use of various manures, composts and fertilizers, watering, ventilating and heating receive careful and minute attention. Cloth. 400 pages. **$1.50**

Florists' Publishing Co.
530-560 Caxton Building
334 Dearborn St. CHICAGO

WAYSIDE NOTES.

Some men are born geniuses. J. S. Cunningham, at Cold Spring, N. Y., is one, being sexton, undertaker, landscape gardener and florist. No branch is neglected for the others; he says it is all in the business and dovetails one into the other. He has just finished a house 24x100 feet. This addition gives him quite a range of glass for carnations, which seem scarcer than usual at this time, though we have had plenty of sunlight. Growers claim that the plants have made softer growth and the holiday crops promise a lighter yield. Prices are up and appearances indicate a good call for plants, which are abundant.

Spy Hill Conservatories, at Fishkill-on-Hudson, N. Y., have a good call for Perle, which is still popular for funeral work. They find it a profitable rose to grow. Richmond and the Killarneys are doing well here. Prospects for holiday trade are good.

Frank E. Whitney, gardener to Winthrop Sargent, at Fishkill-on-Hudson, has, among a fine collection of plants, a large house of specimen orange trees and arranges to have the plants in full bearing in May, forming an orange grove outdoors—a unique and much admired idea. His autumn group at the Poughkeepsie show was admitted to be the handsomest ever set up. Among a batch of seedling carnations is a beautiful white—parentage, Enchantress x Prosperity—almost identical at present with C. W. Ward's grand white. Wood Bros. report a book full of orders for single and double violets for Christmas.

Newburgh, N. Y., will soon be quite a center of horticulture. New houses are going up, producing some of the finest stock in the Hudson valley. The Newburgh Floral Co. has adopted plans from Lord & Burnham for a show house and office. A sunken garden, with aquatic ponds, is to be a feature. Concrete and plate glass will be used in the construction of the houses. This section of the town bids fair to be the most aristocratic and Dr. Waite deserves much credit for his foresight in erecting so handsome a structure.

The Yuess Gardens Co., of Newburgh, has plans for a big addition to its plant, to be begun as soon as ground can be broken. The firm reports a good season, with orders in plenty for the holidays. Carnations are selling at $1 and $1.50 per dozen. The finest scarlets are Beacon and Prospector. The latter has a brilliant color and is the freest of all. The bloom is rather undersized, but the color and freedom of habit make it a profitable kind to grow to sell at retail. Bulb trade has been good and prospects for spring seeds are excellent. The cold storage plant is filled with lilies for summer delivery.

Valentine Burgevin's Sons, of Kingston, N. Y., introduce each year something new in decorative art and rightly attribute their success to keeping abreast of the times. This season combination baskets and ferneries of the choicest ware will be shown. Their customers need not go to the metropolis to see the best offered.

William Williams, on Broadway, Kingston, keeps up the reputation of this swell neighborhood and has a fine stock for holiday trade. M.

Always in bloom

Always pure white



Greatest money-making white Carnation you ever saw

BED OF SHASTA PLANTED AUG. 1, PHOTOGRAPHED DEC. 1.

Last September a grower said this bed carried too many buds; that it could not keep up such a gait throughout the season. He did not know the variety. That he was mistaken is being proved by the record Shasta is making. Some time ago we showed you a photo taken Oct. 1. Now look at another one we had taken Dec. 1, and see whether it looks as though it were going off crop. You can come any time and you will always see it in full crop. We invite inspection any time.

We are booking orders right along now at $12.00 per 100; $100.00 per 1000.

Patten & Company,
Tewksbury, Mass.

Baur & Smith,
Indianapolis, Ind.

Mention The Review when you write.

SPRINGFIELD, OHIO.

Club Meeting.

The Florists' Club held its regular meeting Monday evening, December 13, at the office of the Good & Reese Co., with President Roger Murphy in the chair.

Prior to calling the meeting to order an informal discussion was had on the subject of the great annoyance and frequent excessive overcharges in connection with importations of stock from Holland. From the foreign nursery to New York all sorts of expenses are accumulated and assessed in blanket form as "advanced charges," the aggregate of transportation charges, fees and duties seeming in many cases to be extortionate. Some united action in the matter is likely to follow.

A check system for use in connection with the delivering and receiving of plants between the various local growers was adopted, the preparation of the necessary blanks in triplicate being left with Roy McGregor, such a system having been in use for some time by the McGregor Bros. Co.

The project of holding a local flower show annually or oftener was discussed and some plan to this end will probably be adopted. It is thought that Springfield should take some advance step in this direction as a flower city and offer some prizes, such as would attract exhibitors from other towns.

The next meeting will be in charge of the local retail florists and some subject of interest to them will be selected by the program committee. G. D.

GLADIOLI

NOT ALL SOLD YET, BUT GOING

Iris Germanica, Madeira and Cinnamon Vines

The Largest and Best Stock in the Country

Lilies, Hyacinthus Candicans, Spotted Callas, Oxalis, Millas, Besseras, Etc.

——In Fine Bulbs——

IRIS KAEMPFERI, AND OTHER HARDY PLANTS

Price List on Application

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WADING RIVER : : : Long Island, N. Y.

Mention The Review when you write.

Write for Special Prices on all Holiday Goods

WIRE GOODS FOR CHRISTMAS

CRIMPED WIRE RINGS

	Per 100	1000
8-inch	$0.40	$3.75
10-inch	.45	4.00
12-inch	.50	4.50
14-inch	.60	5.50
16-inch	.80	

All Orders will be Promptly Filled

WILLIAM E. HIELSCHER, 38-40 Broadway, DETROIT, MICH.

Mention The Review when you write.



House of Carnation Mrs. C. W. Ward at Cottage Gardens, Photographed December 3, 1909

Important Announcement to Carnation Growers

At the earnest solicitation of a large number of commercial and private growers, the Cottage Gardens Company has decided to disseminate this year the two famous Carnations

MRS. C. W. WARD and ALMA WARD

two varieties which are well known to all the leading growers of the country. 4 years' test in the New York market has demonstrated their popularity and good staying qualities. For the past 3 years we have been growing from 15,000 to 25,000 of each, during which time they have always commanded the highest market prices, and at no time has the supply been equal to the demand.

On the exhibition table they have taken the highest honors, and we believe it is safe to say these two carnations stand without an equal.

INVITATION

We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see them growing and compare their good points with other standard varieties grown under the same conditions.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market.

The keeping qualities of this variety are remarkable. Several shipments of blooms sent to Europe reached their destinations in perfect condition, and wherever exhibited it has always been the last to show signs of wilting.

AWARDS

American Florists' Society Silver Medal, ... Boston, 1906
The Craig Cup for Best Seedling, ... Philadelphia, 1906
The Lawson Bronze Medal, ... Washington, 1908
The Horticultural Society of New York, Silver Medal, Sweepstake Prize for Best 100 Blooms, ... New York, 1909
The Horticultural Society of New York, Diploma for Best New Variety, ... New York, 1909

Rooted cuttings ready Jan. 15, 1910—December and first part of January cuttings all sold.

$2.00 per 12; $12.00 per 100; $100.00 per 1000; $95.00 per 1000 in lots of 2500. 25 at the 100 rate; 250 at the 1000 rate.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers, 3½ to 4½ inches in diameter, on strong, erect stems 36 to 42 inches in length.

This most remarkable variety takes the same place among Carnations as the American Beauty Rose among Roses, and has, during the past 4 years, been awarded numerous prizes, including the following:

The Lawson Silver Medal, ... Toronto, 1907
(No Gold Medal having been awarded.)
The Lawson Gold Medal, ... Washington, 1908
The American Florists' Society, Silver Medal, Washington, 1908

Rooted cuttings ready Feb. 1, 1910—January cuttings all sold.

$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

COTTAGE GARDENS CO., Inc.

QUEENS, LONG ISLAND, N. Y.



A SURPRISE

Was the superior quality of our Carnations in competition at the Chicago and Milwaukee Shows. To get good, vigorous plants that will produce quality, start right by getting good, healthy cuttings, grown under proper conditions and taken from strong, clean, healthy stock.

OUR WINNERS

are conceded to be the best paying varieties to grow at the present time.

TWO GREAT WHITES

WHITE PERFECTION. Full flower, immense size, prolific on long, stiff stem.
WHITE ENCHANTRESS. The true pure white stock, will be a leader for some time to come.

WINSOR. The best pink in its color for general use.
VICTORY and BEACON. Two great reds of equal merit.
LAWSON ENCHANTRESS. A great improvement on Lawson, larger flower and long stemmed.
ENCHANTRESS. Still the leader in its class.
ROSE-PINK ENCHANTRESS. We have the true stock.
AFTERGLOW. An easy grower and popular variety. Strong, well rooted cuttings of the above varieties. $3.00 per 100; $25.00 per 1000.
O. P BASSETT. The latest red placed on the market. Per 100, $6.00; per 1000, $50.00.
MRS. CHAS. KNOPF. A well colored Enchantress, grows freely on erect stem, a good acquisition. $6.00 per 100; $50.00 per 1000.

Place your orders with us and get select stock, carefully packed, and satisfactory returns for your investment.

C. C. Pollworth Co., Milwaukee

SOUTH ROYALSTON, MASS.

E. B. Hanson's model cucumber houses, three in number, are now completed and plants are being set out. The buildings are on an elevation, with nothing to obstruct the sun. The frames are of iron, with cement walls, and sufficiently wide to allow a team to be driven through the center to supply or remove the soil, and many modern conveniences have been adopted, among which are automatic alarm bells, connected by electricity with the residence of the proprietor, the superintendent and the boiler room, so that in case of the temperature of the houses rising or falling so as to endanger the plants, an alarm is sounded and the bells continue to ring until attention is called to the condition of the house. There is also a tell-tale as to the condition of the moisture in the air, and thermometers set in the beds show the temperature of the soil. Twenty-eight pipes, three inches in diameter, in each house, furnish heat; the total length would exceed three miles of pipes. Two of these houses are 30x 150 feet. The other is shorter, on account of being used as a propagating house early in the season; afterwards plants are transplanted and grown as in the other houses. The boiler house is 20x55 feet, with cement walls and floor, and contains a boiler of 100 horse-power for heating. Water is furnished from an artesian well 105 feet deep, which yields 20,000 gallons a day, pumped either by windmill or gasoline engine, as occasion requires, into a 5,000-gallon tank. The cement chimney to the boiler house is fifty feet high, thirty-six inches in diameter, and adds to the attractiveness of the plant.

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of **White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat.**

BEACON. Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.



House of New Carnation Sangamo, Photograph Made December 3, 1909, at My Establishment

Sangamo received certificate of merit at the meeting of the American Carnation Society at Indianapolis last January, scoring 85 points. It has been awarded certificate of merit and prizes wherever shown. Its strongest claim for popularity and convincing consideration is its productive power, as it will produce more splendid pink colored flowers than any other variety in commerce.

New Carnation Sangamo

(Originated by A. C. Brown)

Color—Brilliant, glistening pink, brighter than Winona.

Form—The flower is very symmetrical, the petals extending well above the calyx, showing their fine arrangement and the splendid coloring, the center developing more rapidly than most varieties. Calyx is strong and never bursts.

Stem—Perfect, what we consider ideal; extra long, strong and stiff. Giving blooms on 16-inch stems in October and increases to 30 to 36 inches. At no time of the year does the stem show any weakness, always holding the flower gracefully erect.

Substance—The keeping qualities are one of its best qualities. It also develops beautifully, after cutting, when placed in a cold room.

Productiveness—Exceedingly prolific, as new growth starts before the flower is taken, and grows rapidly, producing a fine bloom in remarkably short time. It is one of the very best commercial varieties on the market and will hold its own on the exhibition table, receiving high score and medals wherever shown.

Habit—Strong, healthy and clean, with upright growth, making breaks easily from the base of the plant. Makes a large plant in the field quicker than any other variety now in cultivation. The leaves are long and hard, not subject to stem rot or other disease, lifts easily from the field and establishes itself very readily. Does well with either inside or outside culture. Night temperature, 48 to 50 degrees, suits it the best, although it does well if grown with other varieties at a higher temperature. Propagates easily.

Prices—$ 12.00 per 100.
100.00 per 1000.
95.00 per 1000 in lots of 2500.
90.00 per 1000 in lots of 5000.
80.00 per 1000 in lots of 10,000 or more.

You will grow this variety sooner or later—why not get in at the same time as the progressive growers? Send an order today.

A. C. BROWN, 217 So. Fifth St. **Springfield, Ill.**

Rooted Carnation Cuttings

For December Delivery

Enchantress, Perfection, Beacon, $3.00 per 100; $25.00 per 1000

Rose-pink Enchantress, White Enchantress, Winsor, $2.50 per 100; $20.00 per 1000

We can fill orders from 1000 to 100,000 and guarantee the stock

J. D. Thompson Carnation Co., Joliet, Ill.

DES MOINES, IA.

The Market.

Downtown flower stores report business for last week only fair. The cloudy weather we have been having for nearly two weeks and the sudden cold snap of zero weather the last four days has shortened up the cut of roses and carnations. The outlook here now indicates a shortage of flowers for Christmas.

State Horticultural Society.

The Iowa State Horticultural Society held its forty-fourth annual convention, at the State Capitol, December 7, 8 and 9, with a large attendance. Wednesday afternoon, December 8, was set for the Iowa florists' part in the program and papers were read as follows: Some Observations on Gladioli, by G. D. Black, Independence; Begonias, by C. W. Davison, Des Moines; Carnations, by William Trillow, Des Moines; Lilies, by John T. Temple, Davenport; Hardy Perennials, by J. T. D. Fulmer, Des Moines; Plants of Recent Introduction Worthy of Further Trial, by J. S. Wilson, Des Moines.

The discussion of the papers read was quite interesting, many questions being asked by amateur florists and fruit growers, which brought out some exceptionally good points.

Various Notes.

The Iowa State corn show, which closed here December 11, was a great success as far as display went. Every foot of space in the Coliseum was taken at 50 cents per square foot. The display of corn and field seeds was fine, and the large display of agricultural implements of all kinds, together with the nicely arranged booths of many enterprising merchants, added wonderfully to the show.

Gus Papus, manager of the Alpha Floral Co., was in Chicago last week, looking up Christmas stock. The Alpha Floral Co. has installed a new ice-box, almost the width of the store, and it is a beauty.

Visitors last week were: John T. Temple, of Davenport, Ia.; W. P. Richey, of Albia, Ia., and F. J. Olsan, of Ames, Ia. BOOSTER.

Young Grafted Rose Plants

Ready March 15

White Killarney, 2½-in.....per 100, $12.00
My Maryland, 2½-in..... " 12.00

O. P. BASSETT RED CARNATION

Rooted cuttings.....per 100, $6.00; per 1000, $50.00

Kaiserin

Bench plants, now ready for shipment, two years old and over.....per 1000, $50.00

Our rooted cuttings and young rose plants have a national reputation for choice quality and careful packing.

Bassett & Washburn

Office and Store, 76 Wabash Ave., Chicago
Greenhouses, Hinsdale, Ill.

Mention The Review when you write.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3.50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

Enchantress	per 1000,	$15.00
W. Enchantress	"	18.00
Kingston Pet	"	18.00
Beacon	"	12.00
White Lawson	"	12.00
Winsor	"	12.00

Send your orders for Dec., Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.

NEWBURGH, N. Y.

Always mention the Florists' Review when writing advertisers.

Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why You Should Grow SANGAMO

1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd —The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th —The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100.

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market. WINNER OF FIRST PRIZE IN CLASS OF 100 BLOOMS.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

MARY TOLMAN

WINNER OF FIRST PRIZE AT MILWAUKEE.

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery. **$12.00 per 100; $100.00 per 1000.**

A. E. HUNT & CO., EVANSTON, ILL. **CHICAGO CARNATION CO.,** JOLIET, ILL. **HUNT BROS.,** PARK RIDGE, ILL.

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FORCE

Spiraea Gladstone

A most profitable Plant

Fine Clumps
$ 1.50 per doz.
10.00 per 100

C. C. POLLWORTH CO.
MILWAUKEE

Always mention the Florists' Review when writing advertisers.

Rooted Carnation Cuttings

Ready for January Delivery. Clean, Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85 00
Enchantress	2.00	18 00
Enchantress, Rose-pink	3.50	30 00
Enchantress, White	3.50	30 00
White Perfection	2 50	20 00
Beacon	3 00	25 00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.

24 N. Main St. - - - DAYTON, OHIO

Imported Scotch Soot

100 lbs. in double lined bags at $2.50 per bag; 5 bags for $11.25; 10 bags for $20.00.

ARTHUR T. BODDINGTON, SEEDSMAN 342 West 14th Street, **NEW YORK**

ERIE, PA.

The Market.

The Christmas rush is on and the prospects are good for a heavy trade. The flower stores are radiant with natural and artificial poinsettias. Lorraine begonias, azaleas and valley are also seen in large numbers. Carnations are scarce and chrysanthemums are on the wane, while roses and violets are plentiful and of good quality.

Various Notes.

Miss Margaret O'Conner and Miss Anna Moran are new salesladies at the Baur Floral Co.'s store.

Wm. McCarthy has some good giganteum lilies coming on for Christmas.

Chas. Offerle's carnations and sweet peas are in fine condition, and John Laver excels in violets and potted plants.

Baur Floral Co. has a fine lot of poinsettias.

Mrs. Williams has opened a floral department at Johnson's cloak store, 808 State street, and is getting her supply from the Floral Park Greenhouses.

The carnations shown by the Schluraff Floral Co. are hard to beat.

Frank Thayer, formerly with the Baur Floral Co.'s greenhouses, is now in the grocery business with his father, O. Thayer, on West Twenty-sixth street.

The Erie Floral Co. is sending large shipments of cut flowers to Wm. Kasting, of Buffalo. B. P.

NEW ORLEANS.

The Market.

The weather here has not yet been cold enough to touch the most tender plants, and the gardens around New Orleans look beautiful, with beds of late chrysanthemums surrounded by salvia and poinsettias. Funeral work and society decorations are reported brisk. We have been noticing in many places that field-grown carnations received lately from the north are doing poorly here. New Orleans is surely a hard spot in which to cultivate carnations. Some florists down here keep on saying that it can be done, but we are still waiting the realization of their knowledge how to do it. It will be a great saving in money left at home.

Various Notes.

George Thomas is cutting a fine variety of sweet peas. They are grown outdoors, of course.

Mrs. Menard, assisted by her son, Claude Orry, is continuing the business of her late husband, J. H. Menard.

Under the name of Shindler & Co., a corporation has been chartered to conduct a retail seed and flower business. The capital stock is fixed at the sum of $5,000. M. M. L.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2 00	$18.00
White Enchantress	3.50	30 00
White Perfection	2.50	20 00
White Sarah Hill	4.00	35 00
Pink Lawson-Enchantress	2.50	20 00
Pink Lawson	2 00	15.00
Rose-pink Enchantress	3.50	30 00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS

514 Asbury Ave. EVANSTON, ILL.

Mention The Review when you write.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Our Catalogue for 1910 is out and we wish to call attention to the many good things offered therein. As usual, we are making a specialty of grafted and own root Roses. We have arranged to graft 350,000 rose plants this year. We call special attention to the following:

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120 00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid, Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

We offer over 30 varieties of Roses and refer you to our catalogue for the complete list. If your name is not on our list, kindly drop us a postal card and we will be glad to mail you a copy.

Mention The Review when you write

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.

RICHMOND, INDIANA

Mention The Review when you write.

Choice Stock

Asparagus Plumosus

3-in., 85c per doz., $7.00 per 100.

Ferns

For dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz.

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100.

Cash with order.

Frank Oechslin, 4911 Quincy St. **Chicago, Ill.**

Formerly Garfield Park Flower Co.

Mention The Review when you write.

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery.

Katalog for the asking.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg. PHILADELPHIA

Mention The Review when you write.

Verbenas, Verbenas



and worlds of them, ready about January 1st, 1910. Also

Daisies, Salvias, Feverfew, Chrysanthemums, Heliotropes, Ageratums, Vincas and Cupheas.

Express prepaid on all rooted cuttings. Satisfaction guaranteed.

C. HUMFELD

CLAY CENTER, KANSAS

Mention The Review when you write.

...YOU...

Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Dreer's Decorative Plants for the Holidays

Clean, Vigorous Stock of Good Color and Full Value.



PHOENIX ROEBELENII.

PALMS

Areca Lutescens

	Per doz.	100
4-in. pots, 3 plants in a pot, 15 to 18 in. high	$3.50	$25.00
6-in. pots, 3 plants in a pot, 26 to 28 in. high	1.00 each	
7-in. pots, 3 plants in a pot, 36 in. high	2.00 each	

Areca Verschaffeltii

A grand lot of this beautiful Palm, a variety but seldom offered in quantity. Fine, strong plants.

	Each
6-in. pots	$1.50
7-in. pots	2.50

Cocos Flexuosa

We offer a limited number of larger plants of Cocos Flexuosa as follows:

	Each
7-in. tubs, 3 to 4 leaves, 6 ft. high	$ 5.00
8-in. tubs, 3 to 4 leaves, 7 to 8 ft. high	10.00

Cocos Weddelliana

We have nearly an acre of this most graceful palm in fine condition.

5-in. pots, 24 in. high	$1 00 each
7-in. pots, 30 in. high	2.50 each

Kentia Forsteriana

	Per doz.	100	1000
2¼-in. pots, 4 leaves, 8 to 10 in. high	$ 2.00	$15.00	$140.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high	5.00	40.00	
6-in. pots, 6 leaves, 28 to 30 in. high	1.00 each		
6-in. pots, 6 leaves, 34 to 36 in. high	1.50 each		
7-in. pots, 6 to 7 leaves, 36 to 40 in. high	2.50 each		
7-in. tubs, 6 to 7 leaves, 42 to 46 in. high	4.00 each		
8-in. tubs, 6 to 7 leaves, 48 to 50 in. high	5.00 each		
9-in. tubs, 6 to 7 leaves, 5 ft. high	8.00 each		
10-in. tubs, 6 to 7 leaves, 5½ ft. high	10.00 each		
11-in. tubs, 6 to 7 leaves, 7 to 7½ ft. high	15.00 each		

Kentia Forsteriana—Made-up Plants

	Each
6-in. pots, 3 plants in a pot, 24 in. high	$ 1.00
7-in. tubs, 3 plants in a tub, 35 in. high	2.50
7-in. tubs, 3 plants in a tub, 38 in. high	3.00
8-in. tubs, 3 plants in a tub, 40 to 42 in. high	4.00
8-in. tubs, 3 plants in a tub, 42 to 45 in. high	5.00
8-in. tubs, 3 plants in a tub, 48 in. high	6.00
9-in. tubs, 3 plants in a tub, 4½ to 5 ft. high	8.00
10-in. tubs, 3 plants in a tub, 5 ft. high	10.00
12-in. tubs, 3 plants in a tub, 6 ft. high	15.00
14-in. tubs, 4 plants in a tub, 7 to 8 ft. high	20.00

Kentia Belmoreana

	Per doz.	100	1000
2½-in. pots, 4 leaves, 8 to 10 in. high	$1.50	$10.00	$ 90.00
3-in. pots, 5 leaves, 12 in. high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves, 12 to 15 in. high	4.50	35.00	
6-in. pots, 6 to 7 leaves, 26 to 28 in. high	1.50 each		
7-in. pots, 6 to 7 leaves, 34 to 36 in. high	2.50 each		
8-in. pots, 6 to 7 leaves, 42 to 44 in. high	5.00 each		

Kentia Sanderiana

This is a very graceful, hardy Palm, of fine decorative appearance, which should prove a popular variety. We offer fine, bushy made-up plants.

5-in. pots, 20 to 24 inches high	$1.00 each

Livistona Rotundifolia

We offer fine lot of this desirable miniature Fan Palm.

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots	2.00	15.00
4-in pots	3.50	25.00

Phoenix Roebelenii

This is unquestionably one of the great Palms of the future, combining the grace of a Cocos Weddelliana with the hardiness of a Kentia; it will prove an invaluable plant for the house. We have a grand stock and offer:

	Per doz.	100
2¼-in. pots	$1.50	$10.00
3-in. pots, nicely characterized	3.50	25.00
4-in. pots, nicely characterized	each	.60
5-in. pots, splendid plants	each	1.25
6-in. pots, fine specimens	each	3.00

Phoenix Canariensis

A splendid lot of thrifty plants.

	Each
7-in. tubs, 36 to 38 in. high	$2.50
8-in. tubs, 42 to 45 in. high	3.50
10-in. tubs, 48 to 50 in. high	5.00
11-in. tubs, 50 to 54 in. high	6.00

Phoenix Rupicola

	Each
Good 6-in. pots	$1.50
Good 8-in. tubs	2.50

Rhapis Flabelliformis

	Each
7-in. pots, 3 to 4 stems, 24 in. high	$2.50
7-in. pots, 4 stems, 26 to 28 in. high	3.00

FERNS

Nephrolepis Scholzeli—The Crested Scottii Fern

5-in. pans	each $0.50
6-in. pots	each .75
8-in. pans	each 1.50

Nephrolepis Scottii

	Each
6-in. pots	$0.50

Adiantum Farleyense

The best stock we have ever offered of this fine Maidenhair.

	Per doz.	100
3-in. pots	$3.50	$25.00
4-in. pots	5.00	40.00
5-in. pots	each	.75
6-in. pots	each	1.00

Pteris Wilsoni

This is the most decorative of all the Pteris, a handsomely crested form which is just as useful as a specimen plant as any variety of Nephrolepis, and in a small size a most desirable variety for fern dishes.

2¼-in. pots	$3.50 per 100
6-in. pans	35c. each

Mixed Ferns for Dishes

We can supply all the leading varieties for filling Fern Dishes in good, sturdy plants from 2¼-in. pots, $3 50 per 100; $30.00 per 1000. 3-in. pots, $6.00 per 100.

Adiantum Cuneatum

	Per 100
3-in. pots	$ 6.00
4-in. pots	10.00

MISCELLANEOUS PLANTS

Aralia Veitchii Gracillima

	Each
Nice plants in 4-in. pots, 10 to 12 in. high	$0.75

Aspidistra Lurida

	Each
5-in. pots, 6 to 8 leaves	$0.50
6-in. pots, 8 to 10 leaves	.75

Aucuba Japonica

	Each	Per doz.
Bushy plants, 12 to 15 in. high	$0.30	$3.00
Bushy plants, 18 to 20 in. high	.40	4.50
Bushy plants, 24 in. high	.60	7.00
Bushy plants, 28 to 30 in. high	.75	8.00
Heavy specimens, 3 ft. high	each 2.50	

Biota Aurea

A splendid golden evergreen for decorative work in cool halls or for use in filling window boxes, bushy, shapely plants, 15 to 18 in. high. 50c each.

Dracaena Massangeana and Lindeni

	Each
Good plants in 4-in. pots	$0.50

Euonymus—Silver Leaved

This is the plant you need to put the finish to Christmas baskets and hampers. It has beautifully creamy white and green variegated foliage, which harmonizes with all other flowering and foliage plants and is of graceful appearance. You will not regret giving it a trial. 5-in. pots, 10 to 12 in. high, 30c each; 6- n. pots, 18 to 24 in. high, 75c each.

Ficus Pandurata

	Each
Good 6-in. pots, 18 to 24 in. high	$2.00

Pandanus Veitchii

	Each
A splendid lot of well colored plants in 6-in. pots	$1.00

Bay Trees, Boxwoods, Pyramids and Standards in all sizes.

HENRY A. DREER, 714 Chestnut St., Philadelphia

NEW

SEEDLING ROSE

Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

WASHINGTON.

The Market.

Business last week was as good as could be expected, although, as usual, a little quiet just before the holiday season. While business has not been up to the top notch, good stock has been much in demand, owing to the decided change in weather conditions. The supply seems to have been cut right off, which naturally affects the price. Roses bring 8 cents and 10 cents for the best; carnations, 4 cents; valley, 4 cents; orchids, 75 cents each; gardenias, 50 cents each; violets, $1 per hundred; Paper Whites, 2½ cents each. Poinsettias are here in fine shape, bringing $3 and $4 for the best. Plenty of stevia is to be had.

Christmas stock of all kinds is to be seen, and the stores have the real Christmas air about them. All are looking forward to a good season.

Various Notes.

Z. D. Blackistone has been laid up with a severe attack of the grip, but expects to be about again within a week. Mr. Schottmeier, of this firm, reports business as good.

George Fields, the orchid man, is doing himself proud these days with some of the best cattleyas in the market.

The windows of J. H. Small & Sons, one day last week, were one mass of yellow chrysanthemums, something out of the ordinary this late in the season.

A unique and attractive table and mantel decoration was recently carried out by our well-known Connecticut avenue florist, Geo. H. Cooke. The table was of yellow pompons, while the mantel was banked with adiantum plants with yellow pompons throughout. Mr. Cooke is kept quite busy with work of this kind.

Gude Bros. Co. is still cutting some fine Nonin mums, which find ready sale. Their greenhouses are in excellent condition for the holidays.

Robt. Bowdler is in with some exceptionally fine Lilium giganteum that sell at sight.

The Washington Florists Co. is displaying, at its F street store, a large window of Claywood pottery in the burntwood effect. These people have a fine lot of poinsettias in pans, as well as everything else in the Christmas plant line.

Visitors last week included Mr. Schott, of M. Rice & Co., and Sidney Bayersdorfer, of H. Bayersdorfer & Co., both of Philadelphia. W. F.

WE ARE

DIRECT IMPORTERS

TREES, SHRUBS, PLANTS, Etc.

"BUY RIGHT" AT FOREIGN GROWERS' PRICES

Lowest Prices Consistent With Quality of Stock. Send Your List of Wants and We Will Send Special Quotations

McHUTCHISON & CO.

17 MURRAY STREET NEW YORK

Only orders of sufficient quantity for direct importation accepted.

Mention The Review when you write.

Wholesale Trade List

Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Clematis paniculata, strong plants from open ground, $10.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $6.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.
Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Sprengeri

2, 3, 4-in.....$2.00, $5.00, $10.00 per 100

Whitmani Ferns

4-in.....$10.00 per 100

Begonia Incarnata

Bud and bloom, 3,4,5-in., $6.00, $10.00, $20.00 100

NIXON H. GANO
Martinsville, Ind.

Always mention the Florists' Review when writing advertisers.

Plants for Xmas

Begonia Gloire de Lorraine, 5-in., 50c; 6-in., 75c.
Begonia Pres. Taft. 5-in., 60c; 6-in., 90c.
Cyclamen, 6-in., $1.00 each; 4-in., 50c.
Combination Plants, $1.50 to $3.50 each.
Poinsettia, 6 in.. made-up, $1.00; 8-in., $1.50.
Chinese Primroses, 4-in., 10c; 5-in., 18c.
Red Azaleas, $1.50 and $2.00.
White Azaleas, $2.00, $2 50, $3.00.
Prosperine Tulip Pans, 6-in., made-up with ferns, 50c.
Cybotium Schiedei, $2.50, $3.50 and $5.00 ea.
Boxwood, 20c, 25c, 35c. 50c, 75c and $1.00 each.
Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1 25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in.. 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00, $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 ea.

All my plants are in fine condition.

JOHN BADER

43 Ravine St., N. S., PITTSBURG, PA.

Mention The Review when you write

American Everblooming HYDRANGEAS

1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Heuchera-ocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Trilliums Pfitzeri, Dahlias, Oxalis,** etc.

THE E. Y. TEAS CO., Centerville, Ind.

Always Mention the....

Florists' Review

When Writing Advertisers

CRAIG'S SPECIALTIES
CHRISTMAS, 1909

Our stock for the Holidays is superior in quality to any we have ever grown, notwithstanding the high standard we have maintained for years. You are cordially invited to call and inspect same, which includes, in sizes as follows, 12,000 Cyclamen, 20,000 Begonia Gloire de Lorraine, 3500 Azaleas, Special Varieties. Also an immense stock of Oranges, Crotons, Ficus Pandurata, Ferns, etc. If unable to call, you may send us your order, large or small, with every confidence that it will have our very best attention. Send for price list.

BEGONIA GLOIRE DE LORRAINE.

The largest and finest stock of this beautiful Christmas plant in the country. The plants have been grown cool and are sure to give satisfaction.

3-inch pots.....$20 per 100 (for basket work)
3½-inch pots.....$25 per 100 (for basket work)
4-inch pots.....$35 per 100
5-inch pots.....$6 per doz.
6-inch pots.....$9 and $12 per doz.
7-inch pots.....$15 and $18 per doz.
8-inch pots.....$24, $30 and $36 per doz.
12-inch pans, specimens.....$6 each

BEGONIA LONSDALE.

We have a large stock of this light sport at the same prices as Lorraine. This variety is considered far superior to the original type, making a finer shaped plant, and holding the flowers much better; the color is a little lighter than the original Lorraine.

BEGONIA AGATHA.

A dwarf type of Lorraine with rich dark green foliage, and flowers a shade darker than Lorraine.

3-inch pots.....$20 per 100
3½-inch pots.....$25 per 100
5-inch pots.....$50 per 100
6-inch pots.....$9 per doz.

CYCLAMEN.

Our stock this year surpasses any we have ever had, and the plants are very well flowered.

4-inch pots.....$25 per 100
5-inch pots.....$6, $9 and $12 per doz.
6-inch pots.....$12, $15, $18 and $24 per doz.

AZALEAS.

Our Azaleas were never in finer condition for Christmas, and include one full house of that sterling variety Madame Petrick, also a large quantity of Hexe, Vervaeneana, Pauline Mardner, etc.

5½-inch, 6-inch and 7-inch pots at $9, $12, $15 and $18 per doz.
Larger plants.....at $2, $2.50 and $3 each

BERRIED AUCUBAS.

Fine plants, well berried, 7 and 8-inch pots at $15 and $18 per doz.

SOLANUM (JERUSALEM CHERRY).

Well berried, 6-inch pots.....at $6 and $7.50 per doz.

OTAHEITE ORANGES.

One of our best Christmas novelties.
Plants with from 3 to 12 fruits.....at 25c per fruit

CROTONS.

The largest and most complete collection of Crotons in America; of the very highest quality, and exceptionally well colored.

4-inch pots.....$25 per 100
5-inch pots.....$50 and $75 per 100
6-inch pots.....$9, $12, $15 and $18 per doz.
7-inch pots.....$2 and $2.50 each
8-inch pots.....$3 and $4 each
Made up plants.....$5, $6, $7.50 and $10 each

FICUS PANDURATA.

We consider this the best of all house plants.

6-inch pots, 22 to 24 inches high.....$24 per doz.
6-inch pots, 28 to 30 inches high.....$30 per doz.

NEPHROLEPIS AMERPOHLII.
Philadelphia Lace Fern.

The most beautiful of the Nephrolepis family.

4-inch pots.....$20 per 100
6-inch pots.....$6 and $9 per doz.
8-inch pots.....$12 and $15 per doz.

NEPHROLEPIS WHITMANI.

8-inch pots, strong.....$12 and $15 per doz.
9-inch Azalea pots, very handsome plants.....$24 per doz.

NEPHROLEPIS TODEAOIDES.
London Fern.

We consider this variety the best of the upright growing Ferns.

4-inch pots.....$20 per 100
6-inch pots.....$6 and $9 per doz.
Larger plants at $12, $15 and $30 per doz.

NEPHROLEPIS SCOTTII.

The best lot of this variety we have ever offered.

6-inch pots.....$6 and $9 per doz.
8-inch pans.....$12 per doz.
10-inch pans.....$18 and $24 per doz.

NEPHROLEPIS BOSTONIENSIS.

8-inch pots.....$12 per doz.
10-inch pans.....$18 and $24 per doz.
11-inch tubs.....$3.50 and $4 each

ASPARAGUS PLUMOSUS.

2¼-inch pots.....$4 per 100, $35 per 1000

DRACAENA MASSANGEANA.

This handsome plant is the best of all Dracaenas for the house.

6-inch pots, well colored.....$15 and $18 per doz.

DRACAENA FRAGRANS.

6-inch pots, strong plants.....$6 and $9 per doz.

DRACAENA TERMINALIS.

3-inch pots.....$15 and $20 per 100
4-inch pots.....$25 per 100

DRACAENA LORD WOLSELEY.

4-inch and 5-inch pots.....at $6 and $9 per doz.

ARECA LUTESCENS.

5-inch pots.....$6 and $7.50 per doz.
6-inch pots, very heavy.....$15 and $18 per doz.
7-inch pots, very heavy.....$24 per doz.

PANDANUS PACIFICA.

6-inch pots.....$12 per doz.
7-inch pots.....$18 per doz.

PANDANUS VEITCHII.

Well colored and just the plant for basket work,
2½-inch pots.....$25 per 100

BOXWOOD PYRAMIDS.

3½ to 4½ feet high, well shaped, in tubs, at $3.50, $4 and $4.50 each

PHOENIX ROEBELENII.

This is a most satisfactory plant; it is as durable as a Kentia and as graceful as a Cocos.

4½-inch pots, well characterized.....$9 and $12 per doz.

GARDENIA VEITCHII.

5-inch pots.....$35 per 100

Our arrangements for careful packing and shipping are perfect.
It will help us, and you, if we have your Christmas order early.

ROBERT CRAIG COMPANY

4[illegible]00 Market Street, Branch, Norwood, Pa. PHILADELPHIA, PA.

LOUISVILLE, KY.

The Market.

Business continues to be satisfactory, and a good many flowers are used up daily. The mum season is over and carnations and roses are falling into line. Some good stock is to be had. Roses are retailing at from $1 to $2.50 per dozen, with Beauties $3 to $8 per dozen. Carnations are selling at 75 cents and $1 per dozen. Violets and valley are about equal to the demand, and are bringing good prices. Violets demand $2 per hundred and valley sells at $1 per dozen. Some good bouvardia is coming in and sells at sight at $1 per dozen. Sweet peas are coming in, but are not selling well. The reason is unknown, as the stock is good at $1.50 per hundred. Lilies are in good supply, but none go to waste, being used in funeral work at $3 per dozen.

Other flowers and green goods are about equal to the demand. Prospects for Christmas are good, that is, if weather conditions are favorable, as several growers have good crops of roses and carnations which are coming on nicely and, with our share of sunshine, will be in O. K. Some good potted stock, such as begonias, cyclamens, primroses, azaleas, rhododendrons and some bulbs are coming in.

K. R.

NEW BEDFORD, MASS.

The Market.

Business last week was good. Flowers are plentiful just now, and the demand is good. Carnations are looking fine and retail at 60 cents and 75 cents per dozen. Roses retail at $1.50 and $2 per dozen. Some nice My Maryland and White Killarney are to be seen in the uptown stores. Violets retail at $1 and $1.50 per hundred and Paper Whites sell at 60 cents per dozen. Stevia helps out fine, both for funeral work and cut flowers.

Everyone is busy making evergreen wreaths and getting ready for the Christmas rush. Last week was a cold one, and the coal pile suffered accordingly. Mums are selling at $2 and $3 per dozen and they are nearly all gone. Funeral work is good here.

Wm. P. Peirce is cutting some nice Nonin mums at his Elm street place.

W. L.

Roland's Xmas Plants

	Per Doz.
Oranges	$24 00 to $48 00
Ardesias	12.00 to 36 00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	3.00
Cyclamen	5.00 to 36.00
Azaleas	6.00 to 36.00
Poinsettias	3.00 to 15.00
Ericas	18 00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston

Thomas Roland

NAHANT, MASS.

Mention The Review when you write.

Bobbink & Atkins

Nurserymen and Florists :: Rutherford, N. J.

Pyramid Boxwood

2½ ft.	$1.00 each	4½ ft.	$3.50 each
3 ft.	2.00 "	5 ft.	4.00 "
3½ ft.	2 50 "	5½ to 6 ft.	5.00 "
4 ft.	3.00 "	6 ft.	6.00 "

Evergreens

We have a large quantity and fine assortment of small **EVERGREENS** for Window Boxes and Vases. 10-12 in., $20.00 per 100; 12-15 in., $25.00 per 100; 15-18 in., $35.00 per 100.

Kentias and Bay Trees

Our stock is larger and finer than ever. We can fill orders for all sizes and any quantity.

Rhododendrons

In all bright colors; fine forcing varieties; good value. $6.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

Pot Grown

	Per doz.		Per doz.
Azalea Mollis, per 100, $35.00;	$ 4.50	Viburnum Opulus	$ 6.00
Deutzia Gracilis, pot grown, " 15.00;	2.00	Weigelia Eva Rathke	12.00
Double Flowering Cherry	15.00	Wistaria, blue	12.00
English Hawthorn, double scarlet	12.00	Dielytra Spectabilis, per 100, $6.00	
Lilac, Charles X, Marie Le Graye, extra size, for 8-9 inch pots	10.00	Aucuba Variegated, for window boxes, 12 to 15 inches	4.00
Malus, Flowering Crab	12 00	Aucuba, fine plants, 18 to 24 inches	9.00
Prunus Triloba, Standard	15 00	Kalmia Latifolia	9.00
Prunus Triloba, Bush	9.00	Magnolia, pink, $1.50 to	2.50
Staphylea Colchica	9.00		

ROSES

H. P., low budded, 2-year, fine stock for forcing in pots, following varieties, $15.00 per 100; $120.00 per 1000.

Gen. Jacqueminot	Marie Baumann	Gabriel Luizet
La France	Frau Karl Druschki	Magna Charta
Paeonia	Baroness Rothschild	Mme. Plantier
Ulrich Brunner	Mrs. John Laing	Mrs. R. G. Sharman Crawford
Baron Bonstettin	Gen. Washington	

	Per doz.	100
Crimson Rambler, home grown, 2-year-old, 2 to 3-ft., well branched, own roots	$2.00	$12.00
2-year-old, 2 to 3-ft., well branched, budded	2.00	12.00
3-year-old, 3 to 4-ft., well branched, own roots	3 00	15.00
3-year-old, 4 to 5-ft., well branched, budded	3.00	15.00
Dorothy Perkins, strong, field grown	2.00	15.00
Baby Rambler, half standards, 30-in. high	9.00	
Lady Gay, 2-year-old		15.00
Baby Rambler, dormant, field grown, selected, budded plants		16.00
Anny Mueller, dormant plants, 2-year-old (Pink Baby Rambler)		16.00

A visit to our Greenhouses and Nursery will convince you we have the quality that gives satisfaction.

We have a fine selection of Nursery Products. Shall be pleased to give special prices on lists.

ASK FOR WHOLESALE CATALOGUE.

Mention The Review when you write.

Commercial Varieties **ORCHIDS** Special Selections

1910 CATALOGUE NOW READY

COMMERCIAL VARIETIES in any QUANTITY

ADVANCE ORDERS insure good plants and prompt delivery

Prices and Standard have no equal

G. L. FREEMAN, 388 APPLETON ST., HOLYOKE, MASS.

Mention The Review when you write.

CYCLAMEN, fine stock; 2½ in., $5.00; 3 in., $8.00; 4 in., $12.00, $18.00 and $25.00 in bud; 5 in., $35 and $50 per 100; 6 in., 75c to $1.50 ea., in bloom.

PRIMROSES, in bloom, 5 in. $15 and $20 per 100.

ASPARAGUS PLUMOSUS, 2¼ in., strong, $2.50 per 100.

SMILAX MYRTIFOLIA, once transplanted, extra strong, $2.00 per 100.

CHRIST. WINTERICH, Cyclamen Specialist

DEFIANCE, OHIO

Mention The Review when you write.

CHRYSANTHEMUM NOVELTIES

Catalogue ready soon. Write for it.

CHAS. H. TOTTY, Madison, N. J.

Mention The Review when you write.



RED WING

THE BEST

Geranium Novelty

For 1910

This new plant is a deep cardinal red, with a soft, velvety sheen, making it unusually attractive. It has a semi-double flower, of good substance, large trusses, very floriferous.

This plant is robust, of strong growth and makes an ideal pot plant or bedder, as it stands the sun well; has no rival in its wonderful color.

Get your stock now
25c each; $2.50 per doz.

Write for Catalogue of Geraniums.

F. H. DeWITT & CO., Cor. College and Pearl Sts., **Wooster, Ohio**

Mention The Review when you write.

Logan Nurseries

JOHN N. HOBSON, Mgr.

York Road and Louden St. **Philadelphia, Pa.**

We have the following

PLANTS

to offer to the trade, in first-class condition, home-grown and hardy:

Kentia Belmoreana — Each
10-in. pot, 4 plants in pot, 4 ft. 10 in. high...$6.00
8-in. pot, single, 4 ft. 6 in. high..... 2.50
3-in. pot, bushy plants.....per 100, $10.00

Areca Lutescens
6-in. pot, 3 plants in pot, 3 ft. high. $9.00 and $12.00 per doz.
8-in. pot, 3 plants in pot, 5 ft. high..... 2.50
7-in. pot, 3 plants in pot, 3½ ft. high..... 1.50
4-in. pot, 3 plants in pot.....$3.00 per doz.

Boston Ferns — Per 100
6-in. pot, nice full plants.....$35.00
4-in. pot, suitable for filling baskets..... 12 00

Nephrolepis Barrowsii
9-in. pots, well furnished.....$12.00 per doz.

Poinsettias
4-in. pots.....$12.00 per 100

Azaleas for Christmas
Nicely budded plants in various sizes and prices.

Begonia Lorraine — Per 100
4-in. pots, full of flower.....$35.00

Begonia Vernon
4-in..... 20.00

Mention The Review when you write.

DAHLIAS—GLADIOLUS

400 varieties of **Dahlias,** selections from the best the country affords.
Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.
CATALOGUE FREE.

H. L. MOORE, Northboro, Mass.

Mention The Review when you write.

Gloriosa Rothschildiana

Gloriosa Superba Grandiflora

Strong, four-year-old tubers

WRITE FOR ILLUSTRATED PAMPHLET AND PRICE LIST

KNIGHT & STRUCK, 1 Madison Ave., **New York**

Mention The Review when you write.

Primula Obconica

Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

Vick & Hill Co.

P. O. Box 613. ROCHESTER, N. Y.

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HEACOCK'S PALMS

Areca Lutescens — Each
6-in. pot, 3 in pot, 24 to 26-in. high.....$0.75
6-in. pot, 3 in pot, 26 to 28-in. high..... 1.00
7-in. pot, 3 in pot, 30 to 32-in. high..... 2.00

Cocos Weddelliana — 100
2½-in. pot, 8 to 10-in. high.....$10 00
2½-in. pot, 10 to 12 in. high..... 15.00

Kentia Belmoreana — Each — 12
5-in. pot, 6 to 7 lv., 18 in..100, $50.00 — $ 6.00
6-in. pot, 6 to 7 lv., 22 to 24-in.....$1.00 — 12.00
7-in. pot or tub, 6 to 7 lv., 34 to 36-in. 2.50 — 30.00
9-in. tub, 6 to 7 lv., 42 to 48-in., h'vy. 5.00
9-in. tub, 6 to 7 lv., 48 to 54-in., h'vy. 6.00

Made-up Kentia Forsteriana — Each
7-in. pot, 4 in pot, 34 to 36-in.....$2.50
7-in. pot, 4 in pot, 36 to 38-in..... 3.00
9-in. tub, 4 in tub, 42 to 48-in..... 5.00

JOSEPH HEACOCK CO., Wyncote, Pa.

Mention The Review when you write.

ROOTED CUTTINGS

Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000. Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.

Ready Jan. 15:—A. Ricard, B. Poitevine, La Favorite, M. Castellane, F. Perkins, $1.50 per 100; $15.00 per 1000. Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000. Rose Geraniums, skeleton leaf, large leaf, $2.00 per 100.

Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Coleus, 25 vars., 70c per 100; $6.00 per 1000.
Heliotropes, 8 vars., 70c per 100; $6.50 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000.
Dreer's fancies and all the other good ones.
Russellias, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Salvia, 6 vars., 90c per 100; $8.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Lemon Verbena, 90c per 100; $8.00 per 1000. Ready Jan. 15.
Pyrethrum Mt. Blanc, $1.00 per 100; $10.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
Tradescantia Zebrina, 50c per 100.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

Send for complete list

JOHN IRVINE & SONS, Bay City, Mich.

Mention The Review when you write.

COLUMBUS, OHIO.

The Market.

Trade is rushing here at present and everything has taken on the holiday garb. Funeral work has been quite heavy and that, in addition to the holiday business, keeps everybody on the jump. Roses have been good and in fair supply, with the indications for heavy cuts Christmas week. Carnations are coming in fine, with good demand. Narcissus has made its appearance in quantities now, and helps out considerably on design work. Violets and sweet peas are in good supply and the demand is heavy on these, but the demand on valley has been rather light, although quite a few are used in funeral work. There are still a few mums to be had, but the demand is rather light. The poinsettias are much in evidence at present and there will be a good supply of them for Christmas. Lorraine begonias are fine and in good supply and some excellent specimens are to be seen. There will be a nice lot of azaleas, cyclamen and primroses, and the assortment of plants will be good for Christmas. Large quantities of holly and greens are used now in decorating the large department stores, and they are also using hundreds of the paper poinsettias. We are all anticipating heavy business for the holidays and big preparations are being made.

Various Notes.

G. Drobisch reports business unusually good.

E. Metzmaier has been busy for several days handling a big shipment of Christmas trees.

The Fifth Avenue Floral Co. has a fine lot of poinsettias and Lorraine begonias and expects heavy cuts in roses and carnations.

The Riverside Floral Co. reports business good.

L. E. Bundy is bringing in some extra fine sweet peas now.

The Livingston Seed Co. is handling large quantities of holly and green goods these days. J. M.

NAHANT, MASS.—Work on Thomas Roland's new greenhouses is nearly completed, and it is expected that they will be filled with stock for Christmas use.

GERANIUMS

We are HEADQUARTERS and offer the finest collection in AMERICA, from 2-in. pots, at $2.00 per 100, $18.50 per 1000; 250 of a kind at thousand rates.

For $18.50 we will send you 1000, 50 each of 20 distinct kinds, a collection on which we are willing to stake our reputation. A customer in writing this week says, "We used your Geraniums last year and had the finest collection we ever had, sold clean out, had nothing left for stock."

We have a splendid stock in 2-in. pots of the following, at $2.00 per 100: Double Lobelia Kathleen Mallard; Alyssum, Giant and Double; Lemon Verbenas; Fuchsias, 6 Varieties; Ivy-leaved Geraniums, 6 Varieties; Scented Geraniums.

Double Petunias, mixed colors, $3.00 per 100.

Canna Roots, home-grown, 1,000,000 good strong divisions, at $18.50 per 1000. King Humbert, $6.00 per 100; $50.00 per 1000.

New Geranium Price List is Now Ready

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

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Special Notice to

AMERICAN TRADERS

If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL,** published weekly, and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL,** published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

Address

The HORTICULTURAL PRINTING CO.
BURNLEY, ENGLAND

Mention The Review when you write.

Snow White Sport of HELEN FRICK
Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.

Heavy stock plants.....$3.00 per doz.
Smaller " " 2.00

HENRY EICHHOLZ, Waynesboro, Pa.

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Important

Flowering, Foliage and Decorative Plants for Immediate Delivery

Also a fine list of

Christmas and Easter Plants

Write for our descriptive catalogue, sent free.

A. SCHULTHEIS
316 19th St. COLLEGE POINT, N.

Mention The Review when you write.

Geraniums

Rooted Cuttings ready now

S. A. Nutt.....$10.00 per 1000

WHITE BROS., Gasport, N.

Mention The Review when you write.

Good Sellers for Christmas

Boston Ferns
5-inch pots, $ 3.00 per doz.
6-inch pots, 6.00 per doz.
7-inch pots, 9.00 per doz.
8-inch pots, 12.00 per doz.

Your sales will be large or they will be small according to the way you supply the popular demand.



Poinsettias
6 and 7-inch pans, $7.00 and $9.00 per doz.

Kentia Forsteriana

In. pots	In. high	Leaves	Per doz.
2	6 to 7	3 to 4	$1.50
3	10 to 15	4 to 5	2.00
4	16 to 18	5 to 6	4.50
			Each
5	24 to 28	5 to 6	$0.75
6	28 to 30	5 to 6	1.00
6	30	5 to 6	1.25
7	32 to 34	5 to 6	1.50
7	37 to 40	6 to 7	2.50
7	42 to 44	6 to 7	3.50
8	48 to 54	6 to 7	5.00
9	60 to 62	6 to 7	7.00

Made-up Plants

In. tubs	In. high	Plants in tubs	Each
7	30 to 34	4	$ 3.00
8	42 to 46	4	5.00
9	48 to 50	4	6.00
10	54 to 60	4	10.00

Phoenix Canariensis
8-in. tubs, 36 to 40 in. high, $2.50 each; doz., $30.00

Phoenix Roebelenii
3-in. pots.....25c each; $3.00 per doz.
Very pretty for center of ferneries, hardy and just as graceful as a Cocos.
7-in. pots, 18 to 24 in. high.....$2.50 each
4-in. pots..... .50 each

Rhapis Flabelliformis
2, 3 and 4 stems, at $1.00, $1.50 and $2.00 each.

Ficus Elastica

In. pots	In. high	Each	Per doz.
5	12 to 15	$0.35	$4.00
6	16 to 20	.50	6.00

Kentia Belmoreana
Never before have we had such a fine lot of Kentias as quoted in the following sizes. A sample order will certainly satisfy you as to the value of this stock.

In. pots	In. high	Leaves	Each	Doz.	100
2½	8 to 10			$ 1.50	$10.00
3	12			2.00	15.00
4	14 to 16	4 to 5	$0.50	4.50	35.00
6	26 to 28	6 to 7	1.50	18.00	
7	28	7	1.75	21.00	
7	28 to 30	6 to 7	2.50	30.00	
8	34 to 36	6 to 7	4.00		
8	30 to 36		3.50		
9	36 to 42		6.00		

Areca Lutescens
Made-up Plants

In. pots	Leaves	In. high	Each	Per doz.
3	10 to 12	10 to 12		$ 2.00
4	12 to 15	16 to 18	$0.25	3.00
7	16 to 18	30 to 32	2.00	24.00
8	18 to 20	32 to 36	3.00	36.00

Latania Borbonica

In. pots	Leaves	In. high	Each	Doz.	100
5	5 to 6	15	$0.40	$4.50	$35.00
6	6 to 7	18	.50	6.00	50.00
7	7 to 8	20 to 24	.75	9.00	

Cyclamen
5-inch, $4.50 per doz.

Primula Chinensis
4-inch, $1.50 per doz.

Primula Obconica
4-inch, $1.50 per doz.

Order today, so you'll be ready for the demand.

Send for our catalogue and price list of other plants, shrubs and trees.

Wittbold
737-739 Buckingham Place, Chicago, Ill.

Mention The Review when you write.

FERNS

		Per 100
Boston,	strong, 6-in., stock,	$40.00 to $ 50.00
Scottii,	" " "	40.00 to 50.00
Piersoni,	" " "	40.00 to 50.00
Whitmani,	" " "	40.00 to 50.00
Todeaoides,	" " "	40.00 to 50.00
Superbissima,	strong, 6-in., stock,	100.00
"	" 4-in., stock,	40.00
Strong, 4-in. stock of above varieties.		20.00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.
The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

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NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 5 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade

A. & C. Pearson, Lowdham, Nottingham, Eng.

Mention The Review when you write.

SPLENDID VALUES

PALMS. KENTIA FORSTERIANA—A grand lot of decorative sizes of bushy plants, several in a pot. These have been grown cool and with plenty of room and are well hardened, clean plants, the best we ever saw. Extra good value. We have plenty of them.

36 to 40 in. high.....$3.50 each
40 to 44 in. high..... 4.50 each
44 to 48 in. high..... 6.00 each

KENTIA BELMOREANA, 4-in. pot plants, ready for sales or growing on. Well shaped, bushy little plants, 12 to 16 in. high, 4 to 5 leaves, $4.50 per doz.; $30.00 per 100.

GENISTA—Nicely trimmed plants, in good shape for Easter flowering, 5-in. pot plants, $3.50 per doz.; $25.00 per 100.

Boston Ferns.....5-in. pot plants, $35.00 per 100; 6-in. pot plants, $50.00 per 100.
Elegantissima.....5-in. pot plants, $35.00 per 100; 6-in. pot plants, $50.00 per 100.

THE STORRS & HARRISON CO. PAINESVILLE, O.

Mention The Review when you write.

JOHN SCOTT
Rutland Road and E. 45th St.,
BROOKLYN, N. Y.
Palms, Ferns AND Decorative Plants

Mention The Review when you write.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

Select Ferns For Fine Store Trade

We offer a grand lot of exceptionally well-grown plants of the different varieties of **NEPHROLEPIS,** which will be found one of the best selling and most profitable plants that florists can handle.

Our stock is in unusually fine shape, and we will guarantee it will please the most exacting, as it is exceptionally good value at the prices quoted.

IMPROVED ELEGANTISSIMA. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greately improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6.00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

SUPERBISSIMA. Introduced by us in 1908. A very unique and distinct novelty. Its distinguishing characteristics are its dark green foliage and dense growth. Fronds are very heavily imbricated, making them very dense and compact. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6.00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

BOSTONIENSIS, PIERSONI, WHITMANI, SCOTTII. Extra fine plants, 6-inch pots, $6.00 per dozen; 8-inch pans, $12.00 per dozen.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

Mention The Review when you write.

CINCINNATI.

The Market.

Quite an improvement in business is noted and a steady movement seems to have set in, relieving the stagnation that prevailed during November. There has been a protracted spell of bad weather all this week and several out-of-town consignors lost the biggest part of their shipment on December 8. The thermometer fell from 50 to 6 above during that night and caught some shippers unaware. Sleet, ice and a disagreeable rain ruined much of the transient trade, Saturday, December 11, and especially did the stand holders at the Sixth street flower market have cause to complain.

The demand for roses is more active, with a fairly good supply, and all choice stock moves quickly. American Beauty are coming in heavier than in the previous weeks, but are nearly always ordered in advance. Brides, Maids and Killarney went up several notches and storemen seem to take kindly to the advance in prices. Carnations, of the standard varieties, were in brisk demand and sold readily at $3 and the fancy grades went up to $4; in fact, the demand was strong enough to necessitate close cutting to fill orders. Violets have been short of supply. Valley is enough to meet the demand at $3 to $4 per hundred and green goods, in all kinds, are to be had in quantity, except Asparagus plumosus.

Various Notes.

Owing to the disagreeable weather, the monthly meeting of the Cincinnati Florists' Society was postponed. There were not a sufficient number of members present to make a quorum, and as President Peterson was out of town, those assembled enjoyed themselves telling stories, etc.

R. Witterstaetter and some of his friends came back last week after a six days' successful hunting trip, through the northern part of Hamilton county. They sacked a number of rabbits, ducks, forty-two quail and one night owl.

Fred Kolthoff, one of our local nurserymen, reports a big trade in nursery stock this fall. He said that there was an unusually heavy demand for California privet, as they have used 72,000 feet up to now and have orders booked for 20,000 feet more in the spring.

Several carloads of holly have arrived and from reports it does not show up as good as last year. There will be more southern smilax used for store decorations than formerly, with artificial poinsettia.

H. Schwarz.

Verbenas :: Verbenas :: Verbenas

The Season is now Open

OUR SELECTION

Rooted cuttings	$0.75 per 100;	$ 6.00 per 1000
Strong plants in 2½-in. pots	2.50 "	20.00 "

PURCHASER'S SELECTION

Mrs. Wm. Taft, Miss Wilmott, rooted cuttings	$1.00 per 100;	$ 9.00 per 1000
Rooted cuttings	.90 "	8.00 "
Strong plants in 2½-in. pots	3.00 "	25.00 "
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00 "	30.00 "

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

J. L. DILLON, :: Bloomsburg, Pa.

Mention The Review when you write.

Christmas Stock

Firefly Azaleas, Poinsettias, Lorraine Begonias, Cyclamens, Primulas, Geraniums, Holly, and Box Pyramids, Specimen Evergreens in tubs, etc.

The above stock is especially fine. Come and see us.

WM. W. EDGAR CO., WAVERLEY, MASS.

Mention The Review when you write.

GERANIUM ROOTED CUTTINGS

S. A. Nutt and Buchner.....$10.00 per 1000
Poitevine and Ricard..... 12.50 per 1000

Large, strong cuttings, rooted right.

Personal attention given to all orders; my endeavor to give satisfaction if possible.

Cash with order.

C. F. TREICHLER :: SANBORN, N. Y.

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NOTICE

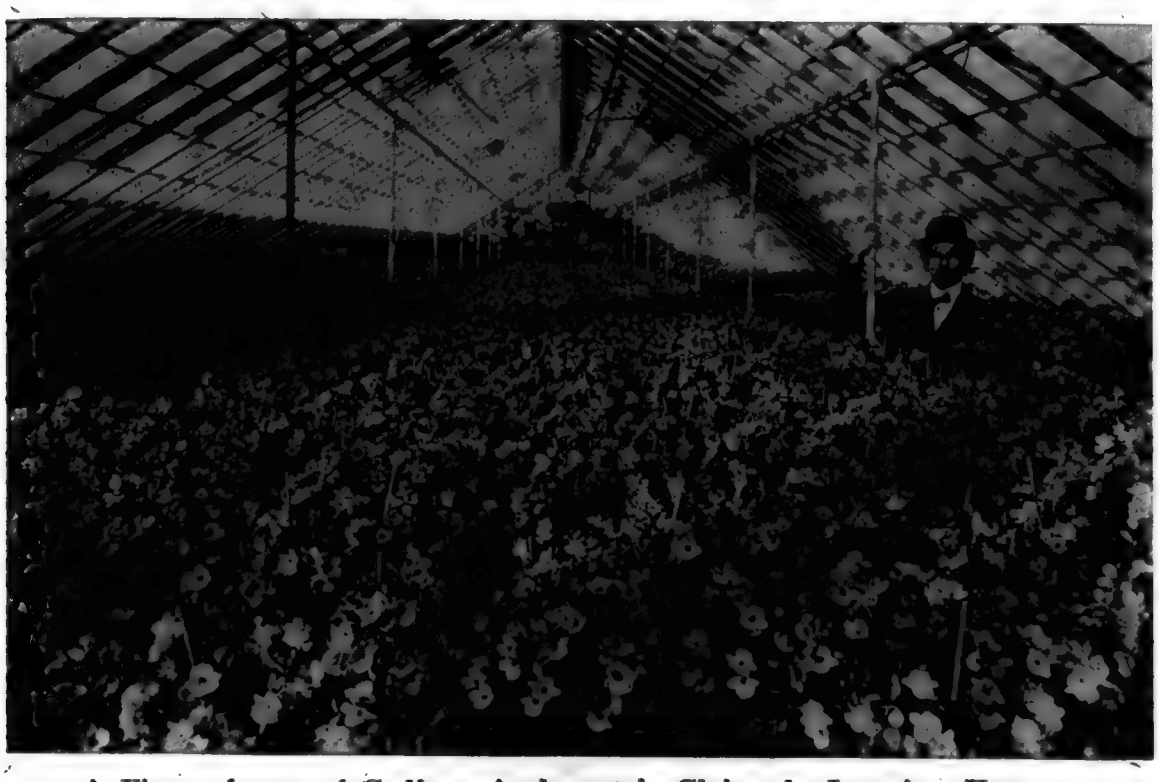
If in need of Ferns, Araucarias, Primroses, Cyclamen, Small Palms, Hydrangeas, Moonvines, Vincas, Wire Baskets, or Soft Stock of any kind, look up our adv. on page 68, in November 25th issue of The Review.

D. U. Augspurger & Sons Co.

Box 778, PEORIA, ILL.

Mention The Review when you write.

Prepare for the Holidays



A View of one of Godfrey Aschmann's Gloire de Lorraine Houses, taken Nov. 18, 1909.

Have Lorraines to Beat the Band. Enough for All

Lorraine, Lorraine, none like this e'er yet seen,
Flowers bright like topaz, leaves with emerald sheen,
Jeweled bouquets, peerless, transcendent, fair,
Matchless and charming, none with them compare.
Buy yours of me, and sell as works of art;
Worthy a place in palace, home or mart.

Begonia Gloire de Lorraine. Have a whole house full of them in 6-in. sizes, in first-class condition, ready to bloom now and for the holidays. Our experiments in the past in raising and cultivating this early Christmas plant put us in the foreground and now we will be able to deliver them in a much improved condition, with flowers much brighter in color and hardier, standing shipping well. Everybody seeing them, even enemies, must admire them. They are cracker-jacks; 7-in. pots, $1.25 to $1.50; 6-in. pots, 50c, 75c to $1.00. The 75c and $1.00 sizes are almost as big as 8-in.; 3-in. pots, 15c.

Begonia Flambeau, 4-in., 15c; 5¼-in., 20c.

Begonia Vernon, 4-in., 15c.

Begonias. New improved Erfordii and Gracilis, 5¼-in., $2.50 per doz.

TESTIMONY FROM MICHELL.

I personally visited Mr. Aschmann's greenhouses September 21, 1909, and found that the **Araucarias, Begonia Gloire de Lorraine, Boston, Whitmani, Scottii, Amerpohlii, Todeaoides ferns, Rubber Plants, Kentias** and **Arecas** are indeed A No. 1. Have never seen any better plants. The Gloire de Lorraine begonias in 6-in. pots are a perfect wonder, bushy and clean. Have never seen his greenhouses filled with plants as good as they are now.

F. J. MICHELL, of the firm of Henry F. Michell Co., 1018 Market St., Philadelphia, Pa.

ARAUCARIAS OUR SPECIALTY

Araucarias our specialty. More in favor than ever before.

We are one of the largest importers of these well-known and beautiful evergreen decorative plants, the **Araucaria Robusta Compacta, Excelsa Glauca and Excelsa.**

Araucaria Robusta Compacta, real beauties, hard to beat, 4-yr.-old, 6-in. pots, 15 to 25 in. high, $1.25, $1.50 to $1.75 each.

Araucaria Excelsa Glauca, the most attractive of the Araucaria family. This is the blue-green variety, combining grace and beauty, and is much admired; 4-yr.-old, 6-in. pots, 4, 5 and 6 tiers, 18, 20 to 25 in. high, $1.25, $1.50 to $2.00 each.

Araucaria Excelsa, 1909 importation, in sizes as herewith stated: 5½ to 6-in. pots, 3-yr.-old, 5, 6 and 7 tiers, 26, 30 and 36-in. high, $1.25, $1.50 to $2.00 each.

Areca Lutescens, 5-in., made up of 3 plants, 35c.

Kentia Belmoreana, 4-in., 15 to 20 in. high, 25c; 6 to 7-in., stocky, 30 to 35 in. high, 6 to 7 good leaves, very bushy, $1.25, $1.50 to $2.00.

Kentia Belmoreana, 3-in., suitable for fern dishes, 10c.

Kentia Forsteriana, 8-in. pots, made up, 1 large, 4 ft. high in center, with 3 small around, price $3.00 to $4.00; single plants, 6 to 7-in. pots, 25, 30, 35, 40 to 48 in. high, $1.00, $1.25 to $1.50, $2.00 to $2.50 each; 4-in., 20 in. high, 25c.

Cocos Weddelliana, 3½-in., 18 to 20 in. high, 20c to 25c; 3-in., 15 in. high, 18c.

Latania Borbonica, 4-in., 20c.

Ficus Elastica, rubbers, 5, 5½ to 6-in., 25c, 35c to 50c; 8-ft. high, $1.50.

Christmas Azalea Indica

in bloom for Christmas, in fine condition, already forced for Christmas Trade. All now showing color, with open flowers and are placed in cold houses ready for shipment.

Remember for Christmas forcing we have to select the finest, strongest and healthiest plants. Weak, delinquent plants will not force successfully for Christmas. We have the following varieties for Xmas: Deutsche Perle (double white), Simon Mardner, (double pink), Mme. Petrick, best of all double-pink, 75c, $1.00, $1.25, $1.50 to $2.00 each; also Vervaeneana (double rose variegated), a well-known standard variety, $1.00, $1.50 to $2.00 each.

In Easter varieties, in larger sizes, we have Bernard Andre alba (white), Niobe (white), Helene Thelemann (rose), Empress of India, Apollo (red), De Schryveriana (double variegated), Dr. Moore (pink), Mme. Van der Cruyssen, Louise Van Houtte (double large red), Simon Mardner, Vervaeneana, $1.25, $1.50 $2.00, to $2.50 each. In smaller sizes we have Simon Mardner, Van der Cruyssen, Niobe, Empress of India, Deutsche Perle, Vervaeneana, De Schryveriana, 50c, 75c, $1.00 to $1.25; John Llewelyn, 75c, $1.00, $1.25, $1.50 to $2.00 each.

We have a house full of Nephrolepis Todeaoides. This fern is a big improvement over all the crested ferns, 5½-in., 40c; 6-in., 50c to 60c; 7-in., as big as a bushel basket or washtub, 75c, $1.00 to $1.25.

Ferns. Nephrolepis Todeaoides and Boston, 5, 5½ and 6-in. pots, 35c, 40c, 50c. Whitmani, 7-in., as big as a wash-tub, 75c to $1.00. Boston, Scottii and Todeaoides, 7-in., 75c, $1.00, $1.25 to $1.50 each; as big as a washtub.

Ferns, Scottii, 7-in., 75c; 7-in., as big as a bushel basket, $1.00.

Ferns, Wilsoni, bushy, 3 ferns in a 6-in. pan, 25c and 35c per pan.

Ferns, Wimsetti and Victoriae (silver leaf fern), 3 plants in a 6-in. pan, very attractive, 30c per pan.

Primula Chinensis, John F. Rupp's best strain, assorted, 5¼-in., in bloom, $2.50 to $3.00 per doz.

Adiantum Cuneatum (maidenhair fern), 3½-in., 10c.

Asparagus Plumosus Nanus, 3-in. pots, 6c; 4-in. pots, $10.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $3.00 per 100; 3-in., $5.00 per 100; 4-in., $8.00 per 100.

Dish Ferns. Best assortment, 2½-in. pots, $4.00 per 100; 3-in., $5.00 per 100.

LOOK! A 7-inch Whitmani as big as a bushel basket, 75c to $1.00.

We have a full house each of the finest **Amerpohlii** and **Whitmani** in the market. Amerpohlii, 5½ and 6-in., 40c and 50c. Whitmani, 5½, 6 and 7-in., 40c, 50c, 75c, $1.00.

Cineraria Hybrida, Aschmann's well-known strain, 4-in., 10c.

Cyclamen Giganteum, 4-in, in bud, 25c.

Jerusalem Cherries, 6-in., full of berries, 25c, 30c to 50c.

Hydrangea Otaksa, pot grown, 6-in., 25c to 35c.

NOTICE—All our Ferns are pot, not bench-grown. All goods must travel at purchaser's risk. Cash with order, please.

Please state if you want stock shipped in or out of pots.

Godfrey Aschmann, 1012 W. Ontario St., Philadelphia, Pa.

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We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ACTO, N. J.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

H. DREYER
Tel. 228 Newtown, Jackson Ave., **ELMHURST, L. I.**
Decorative Plants
SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

MINNEAPOLIS.

The Market.

Cold weather prevailed the whole of last week, turning into a blustering snow storm toward the last. Stock was set back somewhat, but there is not much demand yet for cut stock, though plants are being shipped and spaced off to retailers. There seems to be a great variety of fine blooming plants on the market and the outlook for cut flowers is good, with prices well up.

Various Notes.

The joint meeting of the Minnesota Horticultural Society and the State Florists' Association, held at the Unitarian church, Wednesday evening, December 8, was a good meeting and well attended, especially by the Minneapolis florists. Exhibits were made by Will Bros., L. S. Donaldson Co., and Lakewood Cemetery Greenhouse; the latter did not compete for prizes. Awards were as follows: Will Bros., first prizes for Richmond, Killarney and White Killarney; L. S. Donaldson Co., first prize for Bridesmaid; second prize for Richmond. Papers were read, as follows: "House Plants and Their Care," by A. J. Smith; "Outdoor Perennials," by Mr. Meyer; "Spring Flowering Bulbs," by Aug. S. Swanson. A great deal of business was brought up, and the members expressed themselves satisfied with the success of the meeting.

William Desmond is now manager of the cut flower department of the L. S. Donaldson Co., Mr. Schnell having resigned.

William Topel is again with R. A. Latham, preparing for the usual Christmas rush.

James Souden is making a fine window display daily, and is showing a number of artistic baskets.

Miss Whitted finds business not to be complained of, even during the present lull. She had some good funeral work lately.

The Holland salesmen are upon us, and every day brings familiar faces, as well as some of the new adventurers.

M. E. M.

PORTLAND, ME.—The E. J. Harmon Co. has opened a store in the new Baxter building. It is a spacious, handsomely equipped store, and is said to be one of the finest in the eastern states. Miss Mabel I. Hayes is one of the managers of the new establishment.

GALESBURG, ILL.—The demand for Pillsbury's carnation staple, placed on the market by the Pillsburys of this city, has necessitated the establishment of a branch office in Canada, and Walter Pillsbury, son of I. L. Pillsbury, is now in Windsor, Ont., superintending the manufacture of them.

IMPORTED ORCHIDS
JUST TO HAND
Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum
Others to Follow
JULIUS ROEHRS COMPANY
The Orchid Nurseries, RUTHERFORD, N. J.
Mention The Review when you write.

Orchids, Orchids
and nothing but
Orchids
These we have in great quantity and of all kinds, established and unestablished. Just now we have received in good condition Cattleya Warneri, C. Gigas and Dendrobium Phalaenopsis. We also offer a fine lot of bulbs of Calanthe Veitchii for next year's potting. Also materials, such as peat, moss, orchid baskets, books on orchids, etc.
WRITE FOR PRICES
LAGER & HURRELL
SUMMIT, N. J.
Mention The Review when you write.

FOR CHRISTMAS
We have a fine lot of Holiday Stock, including
Poinsettias In pots and pans, single plants and combinations.
Azaleas In several varieties. Our plants this year are the best we ever had, with flowers of unusual size.
Dracaenas Terminalis variety, well colored.
Plant Combinations In variety; handsome, well established pans of plants in different combinations for effect.
Lilies Well finished, grand stock.
Araucarias, Primulas, Asparagus Plumosus, Pandanus, Kentias, Hanging Baskets, Fern Dishes
and a large stock of **SCOTTII FERNS** in various sizes
all grown to the Scott standard of excellence. We shall also have a nice holiday crop of **GARDENIAS.** Come and inspect our offerings.
JOHN SCOTT Rutland Road & E. 45th St. BROOKLYN, NEW YORK
Mention The Review when you write.

ORCHIDS
We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.
Carrillo & Baldwin, Mamaroneck, N. Y.

Bassett's Dahlias
Field roots—Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal, $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.
2-yr.-old Peonies, $10.00 per 100.
J. Murray Bassett, Hammonton, N. J.
Always mention the Florists' Review when writing advertisers.

Orchids! Orchids!
A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.
ORDONEZ BROS., 41 W. 28th St., New York
AND MADISON, N. J.
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PRIMULA
Chinensis Obconica
No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.
J. L. SCHILLER, 929 Prouty Ave., Toledo, O.
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Christmas Present

Get One for Your Boiler

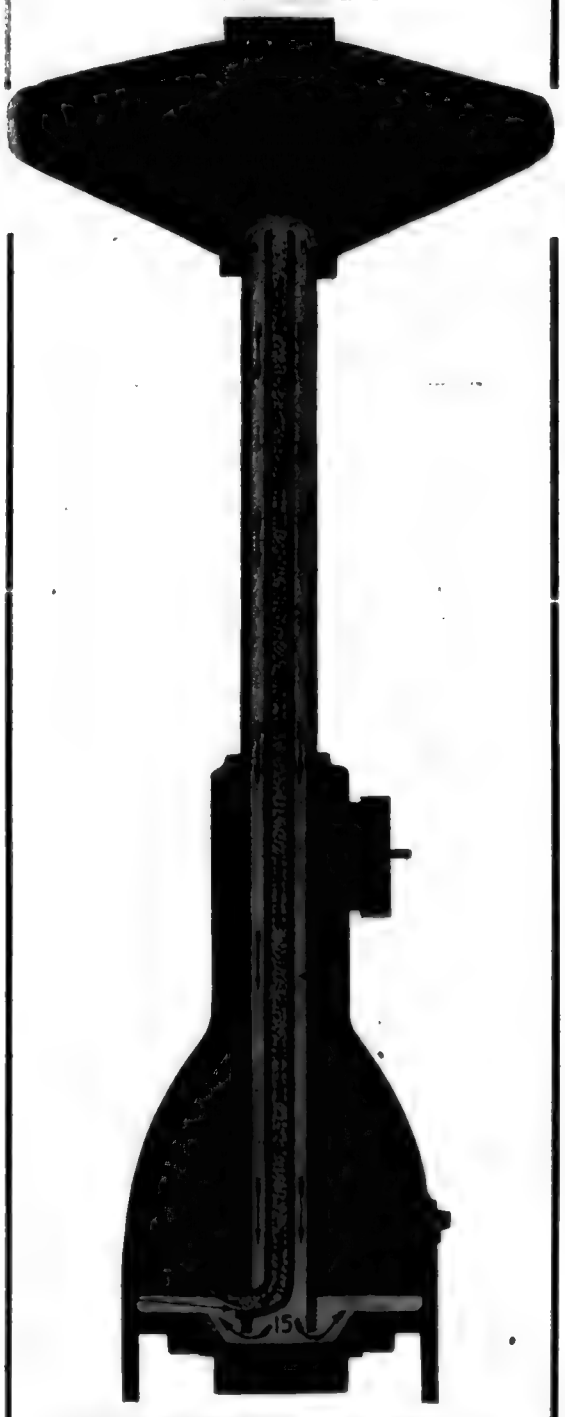
The Generator is giving good satisfaction. It adds to the capacity of the boiler by increasing the velocity of the hot water circulation. It also maintains a steadier and more even temperature all over the houses when in use. In case of sudden change in the weather, the pipes can be made hot very quickly. With the thermometer registering zero outside it was no trouble to keep up the temperature in the houses, the boiler running seven hours without attention.

I had no trouble in connecting the Generator to our heating system, following your instructions and the blue print you sent. I feel that the Generator would benefit any system of hot water heating.

Arthur Taylor, Boonton, N. J.

Write for our Special Offer for

DECEMBER



THE KROESCHELL GENERATOR

Cures sluggish circulation.
Water travels three to five times faster.
Saves fuel.
Prevents boiling over.
Water can be heated to 240 degrees without boiling, making it possible to have steam temperatures in your piping if wanted.
Greatly improves systems having long mains and coils.
Can be connected to any hot water system, no matter what kind of boiler or piping is used.
Easy to install—simply attach to your present expansion pipe.

Kroeschell Bros. Co.

444 West Erie Street

CHICAGO

Greenhouse Heating.

THE unusually severe cold weather, 20 degrees or more colder than normal for this time of year, not only made inroads on the growers' coal piles, but tied up railroad traffic, making it difficult to replenish as promptly as usual. It is a mistake to pursue a hand to mouth policy.

SIZE OF BOILER NEEDED.

How many horse-power will be required to heat 130,000 square feet of glass surface to 60 degrees in zero weather?

A. R.

The amount of radiation required will be about 26,000 square feet, and for this amount it will be well to use 350 to 400 horse-power, to do the work economically. My suggestion would be to put in two 200 horse-power boilers, as it would be possible to heat the plant with one of the boilers in mild weather and it might not be necessary to keep up steam in the other boiler for more than two months during midwinter. This plan would also furnish a reserve boiler, which could be relied on to maintain at least 50 degrees in any weather, should anything happen to the other boiler.

THE COAL MARKET.

Smith, Lineaweaver & Co., Philadelphia, report the following:

"The anthracite coal market conditions are active, there being a large demand for domestic sizes from the retail coal yards and for steam sizes for manufacturers and heating purposes. A number of operations in the field are closed down on account of shortage of water, which is more serious than it has been for many years, and it will require considerable rain to remedy the situation. Water is being hauled great distances in tank cars and tne situation is rather precarious in many sections. This, of course, has a tendency to create a shortage.

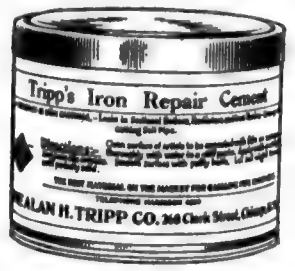
"The bituminous coal market is quite active indeed, owing to the resumption of business generally, and also to car shortage, which is very marked. Almost every operator is suffering seriously from this cause, and a car shortage so early in the year would lead one to believe that instead of getting better, it will get worse as the winter advances. It is, therefore, advisable to keep good stocks of both anthracite and bituminous coal on hand."

HEAT FROM RESIDENCE.

I have a house 15x45 feet and nine feet to the ridge, with 24-inch board walls, glass gables and 30-inch glass sides. I want to heat the house from a boiler which I intend to put into the cellar of the residence, fifty feet away. The bottoms of the benches are six feet ten inches above the level of the cellar floor, but I could make a pit and put the boiler still lower, if necessary. I intend to have the pipes enter on the right side of the greenhouse door and go clear around to the left, the returns coming back to the point of entrance. What size of boiler would I need to keep the house at least at 40 degrees, when the weather goes to 15 degrees below zero? What kind of pipes should be used, 4-inch or smaller?

The pipes will have to be carried underground. Will I have to carry the flow right over on an incline or could I

FOR $1.00



We will send you by express, all charges prepaid, a one pound can of

Tripp's Pipe Joint Compound

Ground in Boiled Linseed Oil, ready to use, and a one pound package of

Tripp's Iron Repair Cement

The Alan H. Tripp Co.

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are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



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Taylor Automatic RETURN TRAP



AND SAVE MONEY

Write for our Guarantee and Best Prices

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BATTLE CREEK, MICH., U. S. A.

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...YOU...

Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

go down underground and then rise? The cellar floor is four feet below the outside level and the greenhouse stands about eighteen inches higher than this.

If I buy a round boiler of local make, what size of grate will I need?

F. C. M.

While the arrangement of piping as proposed would provide a fairly good circulation, I would prefer to carry a 2½-inch flow pipe over the door, and, dropping down, connect with a coil of four 2-inch pipes, which should run completely around the house to the door, where a 2½-inch return should lead to the boiler. If the plan of piping proposed by F. C. M. is used, there should be one 2½-inch flow pipe and two returns of the same size in the coil. This will provide about 300 square feet of radiation in the greenhouse, which, together with the mains, will make about 400 square feet of radiation in the piping.

It will be well to select a boiler rated for about 600 square feet of radiating surface. The flow and return pipes running from the boiler to the greenhouse should be 2½-inch. After being insulated with asbestos packing, they should be covered with 6-inch sewer pipe for a permanent job, although a box of wood would answer.

The size of the grate will depend somewhat upon the construction of the heater and the kind of coal used. A 20-inch grate would be a minimum size in any case, and it would not need to be larger than twenty-four inches in diameter.

The boiler should be set sufficiently low to allow carrying the flow pipe leading to the greenhouse underground with a rise of at least one inch in twenty feet.

HEAT REGULATION.

One of the chief concerns of every florist and grower is the proper and accurate regulation of heat in the greenhouse, particularly at night, when a little negligence on the part of the night fireman may mean hundreds of dollars damage because the house is allowed to grow too cold or too hot. About the only sure way of eliminating this danger is the installation of some method of temperature alarm. There are a number of concerns manufacturing these alarms, and any florist will find it a good investment to protect his stock in this manner.

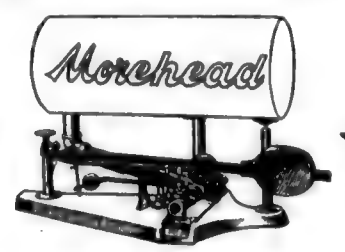
POOR CIRCULATION.

This fall I built three houses, 16x40, running north and south. The two west ones are open, and have three feet of glass in the east and west sides and two and one-half feet of concrete wall all around, banked up with earth. The walls are set in the ground eighteen inches. The north end of the east house abuts against my residence. I have an upright sectional boiler, with a capacity of 2,650 feet, 600 feet of which is used for house radiation. I am located in northwestern Iowa.

I had an expert put in the piping, which is as follows: A 4-inch pipe is run to the south end, then west far enough to be connected with coils, each consisting of seven 1½-inch pipes. Then the main is reduced to 3-inch, and three sets of coils of seven 1½-inch pipes are put on. The main is then reduced to 2-inch, and two sets of seven 1½-inch pipes are put on. At the north end the return pipes are put in on the same scale as the flow pipes.

There is practically no circulation be-

A Better Growth of Flowers Guaranteed



The reason more Morehead Steam Traps than any other make have been sold in the past twenty years is because they are directly responsible for a better growth of flowers wherever installed. "The best investment we ever made," is he statement we invariably receive.

"How and why" in the Trap Book. Send for it.

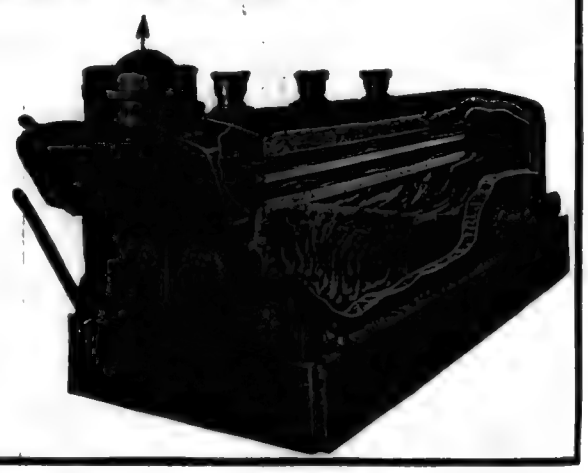
MOREHEAD MFG. CO., Dept. M, Detroit, Mich.

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THE KROESCHELL BOILER NOT CAST IRON

HAS

WATER FRONT SIDES TOP BACK



New Catalogue and prices on application.

Kroeschell Bros. Co.

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DRAPER'S

Recording Thermometer

Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed.

Size 14 x 20 in., price $30.00
" 9 x 14 in., " 20.00

THE DRAPER MFG. CO., 152 Front St., New York

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Martin Rocking Grate

IT SAVES COAL

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High-Grade Boilers

Get Our Catalogue For GREENHOUSES

STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

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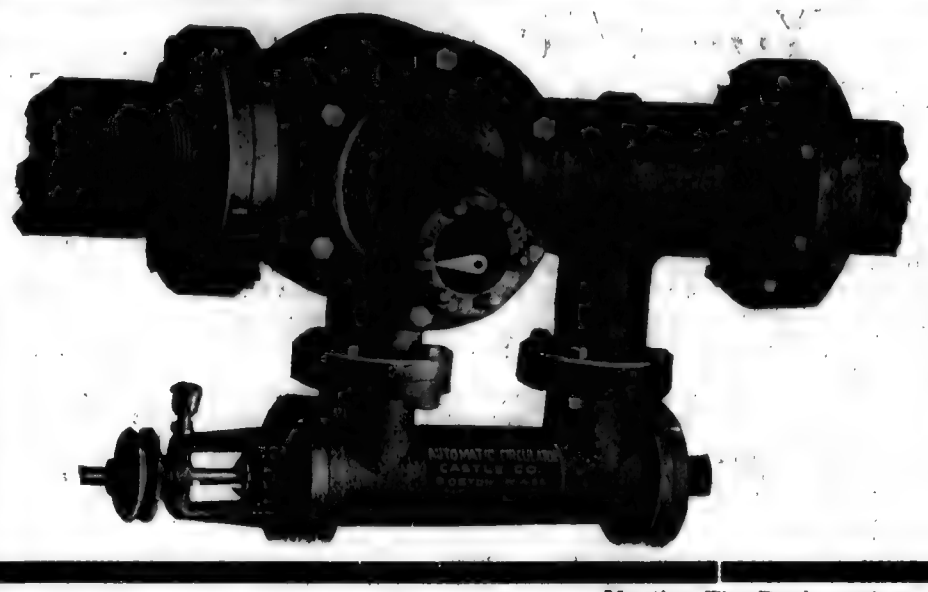
Steel Return Tubular Boilers

The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.

JOHNSTON HEATING CO.

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The Castle Hot Water Circulator MAKES the Water Go

The Castle System of forced circulation of hot water for greenhouse heating is the only one that has demonstrated its practicability, economy and perfection of action. It works while you sleep, and if anything should happen to put your forced circulation out of commission, this device takes up its work automatically. Its use increases the efficiency of your heating plant but reduces the expense. Send your address and we will mail you literature.

THE CASTLE COMPANY 170 Summer Street BOSTON, MASS.

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THE SUPERIOR

GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of

GRATE BARS

both rocking and stationary

Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.

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SMITH, LINEAWEAVER & CO.

COAL

Anthracite, Bituminous, Coke and Gas Coal

West End Trust Building, **Philadelphia**

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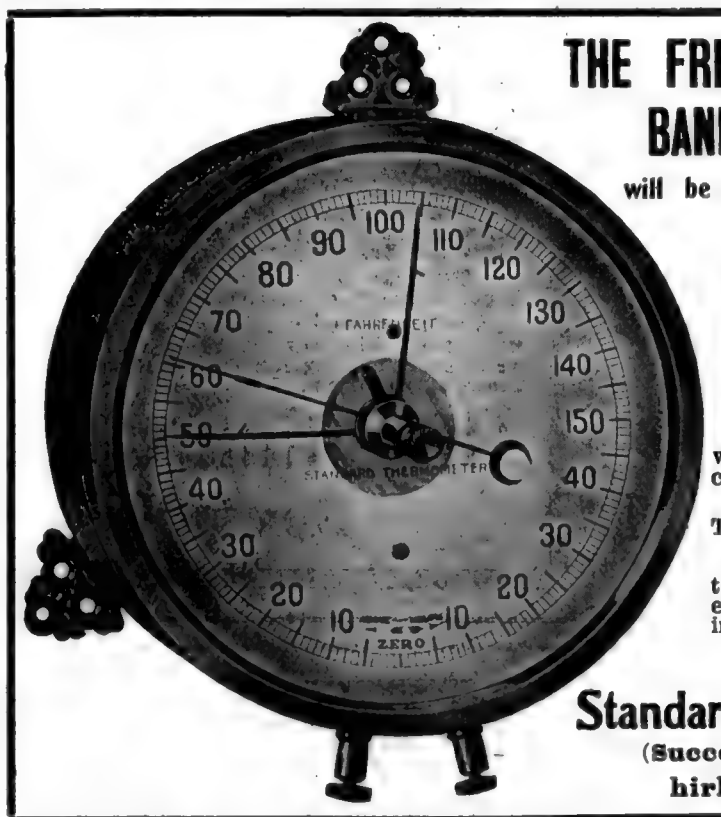
THE FREEZE-OUT THAT BANKRUPTS THE FLORIST

will be avoided by those who have our

STANDARD THERMOSTAT

STYLE 1

Diameter, 6 in. Price, $5.00 each



It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.

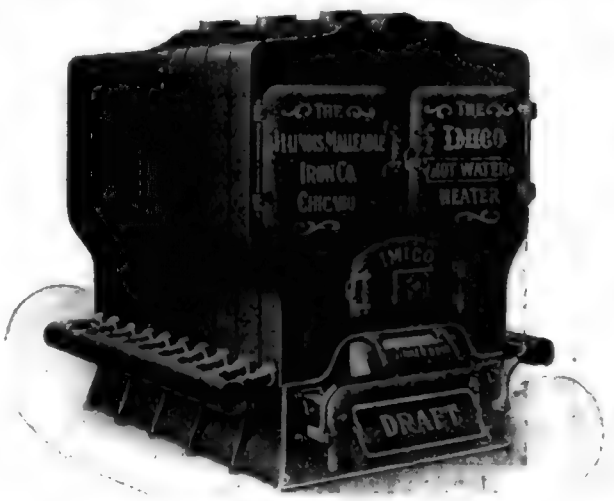
MENASHA, WIS., Jan. 9, 1909.
THE PARKER MFG. CO.,
Boston, Mass.

GENTLEMEN: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.

Yours very truly,
JOS. B. FROEHLICH.

Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
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Hot Water Boilers

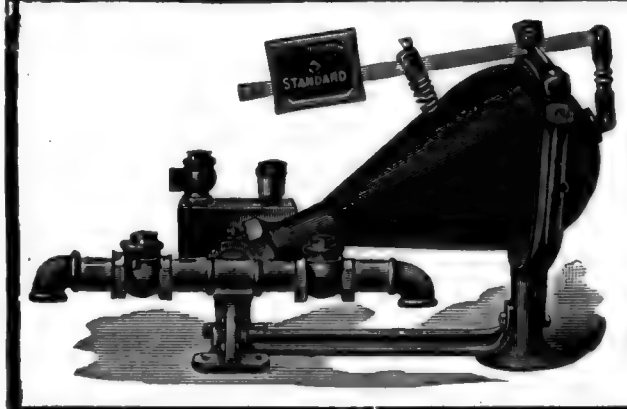
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ILLINOIS MALLEABLE IRON CO.
1801-1825 Diversey Boulevard
CHICAGO

Are noted for coal economy and good results generally

SEND FOR CATALOGUE

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The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

E. HIPPARD, Youngstown, Ohio

yond the first two coils. I claim that there are too many pipes for the size of the flow, and that the flow pipes should have been on the north side and a part of the radiation should have been along the walls. I have a contract guaranteeing a perfect circulation, with a temperature of 52 degrees in the coldest weather in the west part and 70 degrees in the east part. Please tell me if this is not a poor heating arrangement and how it could be improved. H. N. A.

The question does not give the number of coils in the east house, but if the number is the same as in the middle house there should be no difficulty in maintaining a temperature of 70 degrees. Twelve 1½-inch pipes in the middle house and fourteen in the west house should be sufficient for 60 degrees. If each coil is taken off separately a 2-inch pipe would answer, but a 2½-inch connection with the flow-pipe would be better if all are fed from one pipe.

While better results could have been

secured had 2-inch returns been used in the coils, there is no reason why all of the coils, as now arranged, should not circulate if the piping is properly put in and the top of the boiler is two or more feet below the lowest part of the returns. I would have preferred, however, to use a 2½-inch overhead flow, or two 2-inch wall flows, and ten to fifteen 2-inch returns.

A TEXAS GREENHOUSE.

We have a small upright boiler with 2-inch connections, for hot water. We also have a lot of 2-inch pipe. We wish to heat a house 20x100 and five feet six inches to the gutter. In this part of Texas we have quite a mild climate, with a winter temperature which seldom goes below 15 degrees above zero. My plumber proposes to have the flow pipes rise to a height of four feet above the top of the boiler and then extend on a downward slant to the farther end of the house, where they would be connected directly with the returns. I have proposed the installation of two flows with a gradual rise to the farther end, where they would drop straight downward to the returns. In this latter case, would you put one line of pipe on the north wall and one on the purlin posts, or all on the north wall? Or would you put two flows on the purlin posts and two returns on the north wall? W. C. H.

This question does not indicate the class of plants to be grown in the greenhouse, nor the temperature that is to be required, but for 60 degrees I would prefer to put in fifty per cent more radiation. It would probably be possible to hold the temperature up to 50 degrees with the proposed system with the mercury 15 degrees above zero.

Either of the plans proposed would give a good circulation, although I would prefer to give the flow pipe a gradual fall away from the boiler and then bring the returns back as high as it is possible to have them and still have them where the heat is required. For a house twenty feet wide, it would be well to run a flow pipe on each wall and connect each of them with two 2-inch return pipes, for 60 degrees.

Using the other method, the pipes could be connected with at the farther end of the house by the use of manifolds, which should be 2 inches in diameter. At the other end of the house the coils could be connected by means of a nipple, which would join a tee upon one pipe with a right and left ell upon the other.

CUT out our geranium advertisement; it has done the business.—HOPKINS & HOPKINS, Chepachet, R. I.

WILKS
Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses
No night fireman required with our Self-feeding Hot Water Boilers.
Send for Catalogue and Prices
S. WILKS MFG. CO.
3523 Shields Ave., CHICAGO

You Will Have a MERRY CHRISTMAS

If you will send your **Rush Orders for Boxes to Us.** We carry in stock **94 Different Sizes for Immediate Shipment.** Can get them to you plenty early enough for the Christmas Trade if you will send your order at once.

We Pay the Freight east of the Mississippi River, on any order accompanied with the cash (for $15.00 or more); west of the river the customer pays the balance.

The "Florist's Favorite" Cut Flower Box is the best and neatest made box on the market to-day. The board used is a very fine, high-grade Manila, highly calendered, firm and smooth. The inside is white, giving the box a very neat and attractive appearance. All of the sizes listed are made from this grade of board; heavy stock in the large sizes and lighter in the smaller ones.

Our **Improved Lock Corner** never unhooks. The creasing is such that the corners do not break; however, they fold very easily and are quickly set up and make a very shapely box. All covers are notched on the edge—this is an advantage in removing the cover; it improves the looks and the tops are easily distinguished if there is no printing. The large Shipping, Design and Pillow Boxes have a hole punched on each side of the top or cover, about two inches from the edge, which is very convenient when removing the cover. All "Favorite" Boxes are made full telescope, therefore **strong and rigid,** and will not collapse as the shallow-cover boxes do.

Size.	Price, per 100.	Size.	Price, per 100
20x 4x 3	$ 2.25	*9x 6x 5, Violet Box	$ 2.50
18x 5x 3	2.25	16x16x 8, Design	8.00
24x 5x 3½	3.00	18x18x 8, Design	9.00
21x 7x 3½	3 25	20x20x 8, Design	10.00
23x12x 4	4.50	24x24x 8, Design	12 00
28x 8x 4	4.50	20x15x 8, Pillow	10.00
28x 8x 5	5 00	24x18x 8, Pillow	12.00
28x12x 4	6.50	28x22x 8, Pillow	13.50
25x15x 5	7.25	30x15x 8, Shipping	13.50
30x 5x 3½	8.75	26x20x10, Shipping	16.50
30x12x 7	8.00	36x14x10, Shipping	16.50
36x 6x 5	6.50	* Furnished in White Patent Coated Board and printed with **Violet Ink.**	
36x10x 6	9.00		

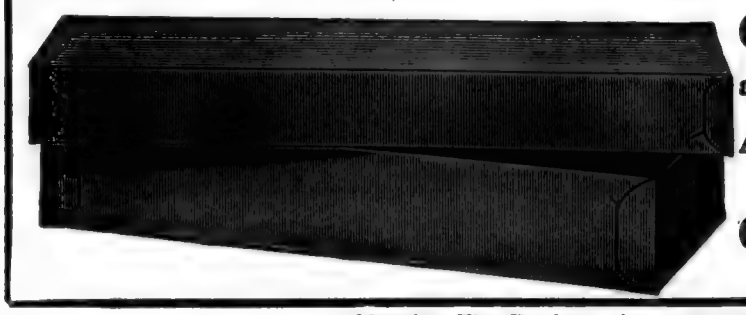
We are glad to send samples of stock used, on request. Artistic Printing, Free of Charge, if your order is for 300 or more. Extra Charge of $1.00 in less quantity. The Design, Pillow and Shipping Boxes cannot be printed; however, we furnish labels same as above.

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All sizes, lowest prices
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Flower Insurance
Insure the safe arrival of your Choice Cut Flowers and Floral Designs by tying them securely and quickly into place with the new Security Staple. Equally valuable to adjust the covers of Telescope Boxes to any desired height.
$1.50 per box of 500. Send 2c stamp for sample.
FRANK J. YETTER
Greenfield, - Mass.

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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Mention The Review when you write.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Cut Flower Boxes
WATERPROOF, Corner Lock Style
The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$2.25 per 100
No. 1	3x4⅛x16	2.00 per 100
No. 2	3x6x18	2.50 per 100
No. 3	4x8x18	2.90 per 100
No. 4	3x5x24	3.00 per 100
No. 5	4x8x22	3.50 per 100
No. 6	4x8x28	4.50 per 100
No. 7	6x16x20	5.75 per 100
No. 8	3x7x21	3.00 per 100
No. 9	5x10x35	6.75 per 100
No. 10	7x20x20	7.50 per 100
No. 11	3⅛x5x30	3.75 per 100

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.
Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.
LIVINGSTON SEED CO.
COLUMBUS, OHIO

Always mention the Florists' Review when writing advertisers.

IT MAY INTEREST YOU TO KNOW

that if, for any purpose, you desire Nicotine Solution containing more than 40% Nicotine (the percentage in our "Nico-Fume" Liquid, price $10.50 per gallon), we shall be pleased to supply same as follows:

45% Nicotine Solution at $11.81 per gallon.
50% Nicotine Solution at 13.12 per gallon.
60% Nicotine Solution at 15.75 per gallon.

When ordered in lots of 5 gallons or over, **special discounts** are allowed from the above prices, as with our "Nico-Fume" Liquid.

Compare these prices with those of competing products. If you are paying more than the above basis for your Nicotine

You Are Wasting Money!

Also remember that the Nicotine Solution we offer is exceptionally free from impurities.

Among the many prominent users of "Nico-Fume" Liquid and of our Nicotine Solution are such experienced growers as the following:

Poehlmann Bros. Co.
Bassett & Washburn
A. N. Pierson, Inc.
A. F. Amling Co.
Lake View Rose Gardens
Dailledouze Bros.
Geo. M. Kellogg
Julius Roehrs Co.
Cottage Gardens
Emil Buettner

Do you know that against Green Aphis "Nico-Fume" Liquid is effective at a **DILUTION OF 1 TO 800?**

Or, against Thrips, at a **DILUTION OF 1 TO 500?**

In short, in buying "Nico-Fume" Liquid you obtain 500 to 800 gallons of effective spraying solution for only $10.50.

Compare these effective dilutions with those of competing articles and you will realize how "Nico-Fume" saves you money.

"NICO-FUME" PAPER

The standard fumigant—having by far the largest sale of any Tobacco Paper on the market.

Noted for its superiority in **strength, packing and comparative cheapness.** Likewise for its **convenience** in application.

FOR SALE BY SEEDSMEN

For full particulars write to the Manufacturers,

The Kentucky Tobacco Product Co., Inc.

LOUISVILLE, KENTUCKY

LENOX, MASS.

The annual meeting of the Lenox Horticultural Society, held Satudray, December 4, was largely attended. President A. Jenkins occupied the chair. H. C. Whitman was unanimously elected an active member of the society.

Letters were read from the judges of the fall exhibition, congratulating the members upon the magnificent display. Special praise was bestowed upon the plant groups and vegetable collections.

The treasurer and secretary read their annual reports, which showed the society to be in a flourishing condition financially and otherwise. Special applause greeted these announcements, and everyone agreed that this has been a banner year in the annals of the society.

The following were unanimously elected officers for the ensuing year: President, George Foulsham; vice-president, George Breed; treasurer, Walter Jack; secretary, George H. Instone; assistant secretary, Joseph Pybus.

Before leaving the chair, President A. Jenkins thanked the members for their loyal support during his tenure of office and said he trusted the same goodfellowship would always exist among the members. A rising vote of thanks was accorded the retiring officers, after which the new elected officers were installed.

After business had been disposed of, refreshments were served. When cigars had been passed, the rest of the evening was enlivened with speech-making, recitations and singing. A most enjoyable time was brought to a close just before midnight by singing "Auld Lang Syne."

G. H. I.

MONEY IN BANKS.

More than 25,000,000 people have deposit accounts in the banks in the United States and its insular possessions, according to statements contained in the annual report of Lawrence O. Murray, comptroller of currency. The aggregate deposits April 28 last were $14,425,523,165. The sum of $5,678,735,379 represented savings deposited by 14,894,696 depositors.

And yet some folks fear the people will not have money enough to buy all the cut flowers if glass area keeps on increasing so fast.

PAWTUCKET, R. I.—The Highland Floral Co. has opened a store at 23 High street.

MALDEN, MASS.—Ex-Councilman James McCormack, of Adams street, has opened a flower store on Arch street, Boston.

AN OUNCE OF PREVENTION

Don't wait until your vines and plants are full of San Jose Scale before you spray them. Get busy now and keep off the pests by thoroughly spraying with a strong solution of

GOOD'S Caustic Potash Whale Oil **SOAP No. 3**

50-lb. keg, $2.50; 100-lb. keg, $4.50; larger quantities proportionately less. Sure death to all enemies of trees and plant life. Protects vegetables, grapes, berries, flowers and small fruits. Contains nothing to injure trees, plants or shrubs, but fertilizes them. The potash and fish oil contained in it enrich the soil. Used and endorsed by State Experiment Stations and by the **U. S. Department of Agriculture.** Write today for free booklet, "A Pocket Manual of Plant Diseases."

JAMES GOOD, Original Maker, 985 N. Front St., Philadelphia

Mention The Review when you write.

Peerless Sulphur Blower

"A great improvement over the bellows."

Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

Mention The Review when you write.

Says it means a bank balance.

Those that idle their time and money away by using tobacco stems and other insecticides instead of The Fumigating Kind Tobacco Powder to kill greenhouse bugs, are working in the dark and helping others swell their bank balances instead of their own.

C. W. Eifler, Altoona, Pa.



Not genuine without it.

This Fellow Says:

Will say that your Tobacco Powder, both kinds, are O. K. We have always had good results in using them.

Morell Bros., Scranton, Pa.

Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

All *our* bags have our guarantee tag on the bag, reading "Satisfaction or Money Back," and this trade mark

$3.00 per bag 100 lbs.

It costs 15 cts. to thoroughly fumigate a house 100 x 25.

We sell direct to the grower.

The H. A. Stoothoff Co

Mount Vernon, N. Y.

Mention The Review when you write.

DO YOUR PLANTS AND FLOWERS EAT ENOUGH?
DO YOU GET A TOP PRICE MARKET?



Grain fed sheep manure is Nature's fertilizer, possessing in excess those elements necessary for hardy plant life in readily available form. The large percentage of humus also makes available dormant elements in the soil.

By special process the raw material from covered pens only is dried, ground, weed seeds destroyed and packed in 100 lb. bags.

Sheep's Head brand trade-mark guarantees it to be unadulterated, reliable, safe, quick acting and a perfect plant food for plants of all kinds.

Send postal for our interesting booklet describing supply, making and applying; also prices.

WRITE TODAY.

Natural Guano Company, 300 Montgomery Ave. AURORA, ILL.

Mention The Review when you write.

Spray Your Roses or Plants With the Kant Klog Sprayer.



YOU WILL BE SATISFIED.

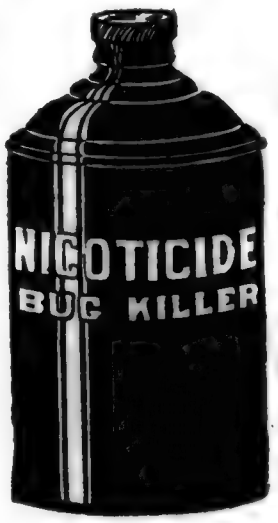
Price each, net

Galvanized	$4.00
Brass body	6.00
3-ft. extension pipes	.35

Immediate shipment in any quantity. We make larger sprayers and spray hose.

Write or wire.

THE CRESTLINE MFG. CO., Crestline, Ohio, U. S. A.



THE BEST Bug Killer and Bloom Saver

Drop us a line and **We will prove it**

P. R. PALETHORPE CO.

Dept. A

Owensboro, Ky.

Mention The Review when you write.

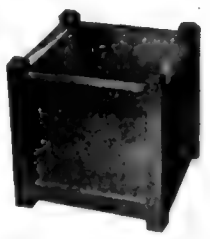
KILMDEAD



The best of all the tobacco dusts for Dusting or Fumigating

25 lbs.	$1.00	100 lbs.	$ 3.00	1000 lbs.	$27.00
50 lbs.	1.75	500 lbs.	14.00	2000 lbs.	52.50

Stumpp & Walter Co 50 Barclay St., New York.



MISSION PLANT BOXES

Are the best and cheapest plant boxes in the market for large plants, boxwoods, bay trees, etc.

They are attractive in design, strong and durable. Suitable for either outdoor or indoor use.

Write for prices.

WAGNER PARK CONSERVATORIES, Sidney, Ohio

Mention The Review when you write.

DON'T MISS

Looking over our adv. in April 22 and May 6 issues.

We offered some great values. **Some fine Rubbers offered at $3.00 and $4.00 doz.**

Our Flowering Begonias are fine.

THE REESER FLORAL CO., Urbana, Ohio

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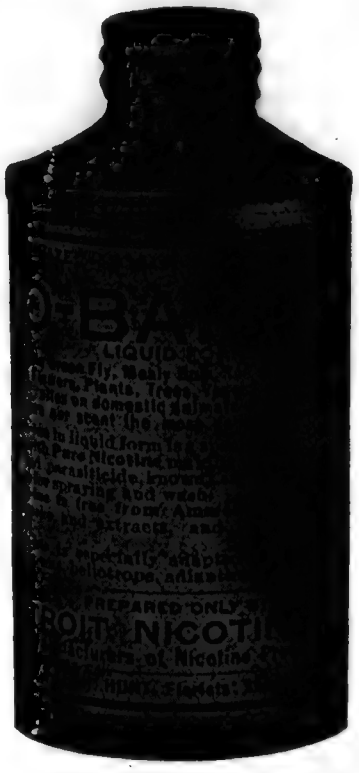
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Florists' Review

When Writing Advertisers

THEY ALL COME BACK

...TO USING....



To-Bak-Ine Products



NOTHING SO EFFECTIVE ....TO....

Kill Bugs

TO-BAK-INE PRODUCTS are not the cheapest insecticides on the market (in point of first cost), but in point of **results** there's nothing to compare with them. Users who are led to try something "cheaper" find there's nothing "just as good," and the next order is for "the old reliable" **To-Bak-Ine.** Why listen to the "cheaper" salesman? If the "cheap" article were as good as **To-Bak-Ine,** it could be sold for the same money, couldn't it?

TO-BAK-INE LIQUID Kills Thrips, White Fly, Green Fly, Black Fly, Red Spider, etc. PRICES—¼ pint, 60c; ½ pint, $1.10; 1 pint, $2.00; ½ gal., $7.75; 1 gal., $15.00; 5 gals., $67.50. Write for prices on 10, 20, 40-gal. casks with **locked faucet** and for complete spraying directions and other information.

TO-BAK-INE FUMIGATING COMPOUND Kills Thrips, Green Fly, Black Fly, White Fly, and other insects. PRICES—1 pint can, $2.00; ½ gal. can, $7.75; 1 gal. can, $10.00; 5 gal. can $67.50. Write for prices on 10, 20, 40 gallon casks with **locked faucet** and for other information on fumigating.

To-Bak-Ine Fumigating Paper

Send for "Words of Wisdom" Booklet—Free

To-Bak-Ine Fumigating Paper is the most satisfactory agent for the destruction of Green Fly that has ever been brought to our notice. As you know, we have been heavy buyers of this product, all of which has been used in our own greenhouses.—F. R. & P. M. PIERSON, Scarborough, N. Y.

24 Sheets, 75c
$6.50 case of **288 Sheets**
Each sheet 18 inches long

TO-BAK-INE POWDER

Send for "Flowers and Profits" Booklet—Free

I have used your To-Bak-Ine Fumigating Powder in carnation and rose houses, fumigating in the carnation houses once a week and in the rose houses twice a week. It has entirely kept down Aphis. It leaves no odor on the flowers and has not in the slightest hurt either flower or foliage on the roses, as does burning tobacco stems.—WILLIAM SCOTT, Corfu, N. Y.

50-lb. Bag, $1.50
100-lb. Bag, $3.00
Send for free 5-lb. sample

We issue the most complete catalogue in the United States on all Greenhouse Supplies

E. H. Hunt,

General Agent
76-78 Wabash Ave.
CHICAGO

Electric Hose & Rubber Co., WILMINGTON, DELAWARE



Manufacturers of RUBBER GARDEN HOSE by a new and improved process. Made in any continuous length. Vulcanized under pressure. Made with seamless braided fabrics. Cannot possibly unwrap or separate between plies. Great strength and durability. Will not kink.

THE ORIGINAL CHICAGO ELECTRIC HOSE

NOT THE CHEAPEST, BUT THE LEAST EXPENSIVE. **FOR SALE BY ALL SUPPLY AND SEED HOUSES.**

Mention The Review when you write.

TARRYTOWN, N. Y.

The annual flower show of the Tarrytown Horticultural Society may be held in Irvington next year, as the residents of that place are anxious to have it as a fall attraction. The society at a recent meeting appointed Robert Angus, Edward W. Neubrand and James W. Smith as a committee to see about securing a hall. This year the show was held in White Plains, because a hall could not be secured in Tarrytown. If the committee is unable to get a hall here, it will probably go to Irvington, where there is a fine hall suitable for the exhibition.

The committee has also appointed Edward W. Neubrand, David McFarland and James W. Smith to arrange for its annual dinner, which will probably be held at the Florence Hotel, Irvington.

The society has nominated John Woodcock, of Ossining, for president; James Stewart and Alexander Maitland, for vice-president; Edward W. Neubrand, secretary; Edward M. Berrien, treasurer; John Brunger, corresponding secretary; William Scott and David McFarland as hold-over on the executive committee. The following have also been named for the same committee: Robert Angus, William Jamieson, Louis A. Martin, J. Stewart, Thomas Aitchison, Claude Wilson, Nathan Brewer, John Brunger, George Whitlinger and Alexander McKenzie. F. R. Pierson, Isaac Requa, Frank V. Millard and Dr. R. B. Coutant have been named representatives of the active members.

SALT LAKE CITY, UTAH.

Mayor John S. Bransford has made the final transfer of the Salt Lake Floral Co. to W. W. Wilson and D. E. Law. The property, which lies between Eleventh and Twelfth streets, South and State and Main streets, is valued at $18,000. Some years ago Will Clark, son of former Senator W. A. Clark, of Butte, Mont., backed a florist and about $35,000 were spent for greenhouses. The venture failed and the property went into the possession of the Bransfords, under whose direction it prospered during the last eighteen months. Mayor Bransford then sold it to Law & Wilson, who are also from Butte.

William Hadfield, formerly proprietor of the Gordon Greenhouses, at 1616 Park street, has accepted a position as head gardener at Wandamere park, in this city.

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



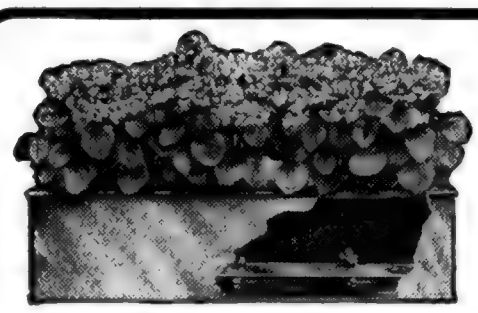
Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.

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Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. **Your jobber will supply you,** or write to

Handsome illustrated booklet sent free on request. **ILLINOIS HEATER & MFG. CO.** 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

Mention The Review when you write.

Fine Quality Orchid Peat

25-bbl lots.....80c per bbl
50-bbl lots.....75c per bbl
100-bbl lots.....70c per bbl

Osmunda roots.

WM. MATHEWS, Utica, N. Y.

THE FLORISTS' HAIL ASSOCIATION

Has paid $116,000.00 for glass broken during the last 21 years. For particulars concerning Hail Insurance, address

John G. Esler, Sec'y, Saddle River, N. J.

Always Mention the Florists' Review when writing advertisers.

A PERFECT GREENHOUSE HOSE

N.Y. BELTING & PACKING CO. LTD. MAGIC NEW YORK

FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

Mention The Review when you write.

"NATURAL GUANO" PULVERIZED SHEEP MANURE



Pure and unadulterated, thoroughly sterilized and immediately available. Used universally as a quick acting natural plant food.

Write us for prices and particulars.

Natural Guano Company, Aurora, Ill.

Mention The Review when you write.



DREER'S

Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.
The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
1-inch,	"	13 c.
2 Reels, 500 ft.,	"	12½c.

Couplings furnished.

HENRY A. DREER,
714 Chestnut St.,
PHILADELPHIA, PA.

Mention The Review when you write.



TIME IS MONEY Save ⅓ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 15c per lb. Write for prices on larger quantities.
Wm. Schlatter & Son, Springfield, Mass.



Awarded diploma and medal, 1907, for the celebrated
Shower Maker, $1.00
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopesay, South Bend, Ind.

Mention The Review when you write.

To Kill Bugs and Blights,

...USE...



Sold by the Seedsmen of America, From the Atlantic to the Pacific Oceans.

FOR PAMPHLET ON BUGS AND BLIGHTS
Write to

B. HAMMOND, Fishkill-on-Hudson, N. Y.

Always Mention the....

Florists' Review

When Writing Advertisers

No order too large for us to give you prompt shipment

ESTABLISHED 1862
W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.
Manufacturers of STANDARD FLOWER POTS

No order too small to receive our careful attention

Mention The Review when you write.

GROWING MIXED CROPS.

A Massachusetts Man's Methods.

In regard to growing to get good results, I should be pleased to tell you some of my experience in the greenhouse business. I have grown lettuce, radishes, beets, cucumbers, violets, sweet peas, carnations, calla lilies and chrysanthemums, one crop after another. The fall crops never any more than exchanged an old dollar for a new one, but the spring crops paid well. I have grown cucumbers in the fall and had them bearing in January and February and received $1.50 per dozen, but they did not pay. I have grown other cucumbers that bore in April, May, June and July, and which netted me $1,500 in the same house.

Now, to grow almost any of these crops, such as sweet peas, cucumbers and lettuce, you need a soil about eighteen inches deep, thoroughly mixed with fine horse manure. Twenty-five or thirty tons of fine horse manure will suffice for about 12,000 square feet. Apply that amount twice a year and you will be able to grow three crops; namely, one crop of lettuce in the fall, one crop of radishes in the winter and one crop of cucumbers in the spring and summer, or one crop of violets in the fall and winter, four or five crops of plants in the spring and a late crop of cucumbers in the summer.

Cucumbers on Benches.

To grow cucumbers on benches, five or six inches of soil is plenty and they will grow as much in one day on the benches as they will in two days in the solid beds. They will not grow so large, but will be fully as numerous. A crop will last about two months. In solid beds it will take about five months to get the same number of cucumbers as you would on the benches.

In regard to watering, never wet the cucumber foliage if you can avoid it. Water the plants well when they are dry, but do not water them when they are wet; that is the main point. As to ventilation, do not give them too much of it. Never open the house until it gets above 90 degrees and do not let the temperature go below 50 degrees if you can prevent it. They will stand without being hurt at 40 degrees if they are dry, and at 120 degrees providing they are wet, but the best temperature is from 60 to 90 degrees for any variety of cucumber I know of.

Crops Without Heat.

Violets and sweet peas, lettuce or radishes can be grown without heat, providing you have a high house. Sometimes violets will fade on account of the cold,

[Concluded on page 118.]

RED
Standard Flower Pots
Price list and samples on application.
PADUCAH POTTERY CO., INC.
PADUCAH, KENTUCKY
Mention The Review when you write.

For "Pot Luck" Try Us
HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
World's Largest Manufacturers
Write for Catalogue and Discounts.
A. H. HEWS & CO., Inc., Established 1765 CAMBRIDGE, MASS.
Pearson St., LONG ISLAND CITY, N. Y. 452-460 N. Branch St., CHICAGO, ILL.
Mention The Review when you write.

KELLER POTTERY CO.
Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
213 to 223 PEARL STREET, NORRISTOWN, PA.
Mention The Review when you write.

THE FAMOUS IONIA POTS
STRONGEST, LIGHTEST, MOST POROUS.
Packed in strong, hardwood crates. Plenty of straw.
We solved the breakage problem years ago.
We are ready for that order NOW.
IONIA POTTERY CO., - - IONIA, MICH.
Mention The Review when you write.

Syracuse Red Pots
OUR AIM
To give the florists the best goods with prompt service at fair prices.
Our catalogue tells it all.
Syracuse Pottery Co.
SYRACUSE, N. Y.
Mention The Review when you write.

American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50

The American Woodenware Mfg. Co
TOLEDO, OHIO



Mention The Review when you write.

Kramer's Pot Hanger
For Sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.
I. N. KRAMER & SON, Cedar Rapids, Iowa
Mention The Review when you write.

All The Clay
for our
Florists' Red Pots
is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.
THE PETERS & REED POTTERY CO.
ZANESVILLE, OHIO.
Mention The Review when you write.



GEO. KELLER & SON
Manufacturers of
RED POTS
Before buying write for prices.
2614-2622 Herndon Street
Near
Wrightwood Ave., CHICAGO, ILL.
Mention The Review when you write.

Standard Red Pots
Price list and samples on application.
We carry a complete line of Florists' pots.
Weis & Schmidt Pottery Co.
MILWAUKEE, WIS.
Mention The Review when you write.

WIZARD BRAND MANURES

Dried, screened and packed in bags of 100 lbs. each.

PULVERIZED SHEEP MANURE
PURE - UNIFORM - RELIABLE

A strong and quick acting manure, highly recommended for carnations and chrysanthemums.

SHREDDED CATTLE MANURE
Easy to Handle and Apply

Stronger and better in every way than rough manure. Lasts much longer on the benches. Unequaled for mulching and feeding roses, liquid manuring and mixing with bench and potting soil. Used by all the largest growers.

Ask your supply man or write us for circulars and prices.

...THE...

Pulverized Manure Co.

33 Union Stock Yards

CHICAGO

Mention The Review when you write.

PILLSBURY'S CARNATION STAPLE

The best, cheapest, quickest, simplest and easiest way to fix your split carnations. No tools required.

"We consider your Carnation Staple superior to anything in the market for that purpose, as we have tried them all." Broadway Floral Co.



2000 for $1.00, postpaid.

I. L. PILLSBURY, Florist, GALESBURG, ILL.

Mention The Review when you write.

RED STANDARD POTS

PRICES PER 1000 F. O. B. HARRISON

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

Mention The Review when you write

The Florists' Scrap Book for Christmas

WHAT better present could you make your workmen than a copy of this valuable little book? It tells a thousand and one useful things for florists, in a plain, simple way, and is the only practical book of the kind published. It is an encyclopedia and a reference book that everyone in the trade should have. We will mail this book to any one you name, for 25c in stamps (retail price is $1.00). Make a present of a copy to each of your men and they will appreciate it.

JOHN C. MONINGER CO.

904 Blackhawk Street **Chicago**

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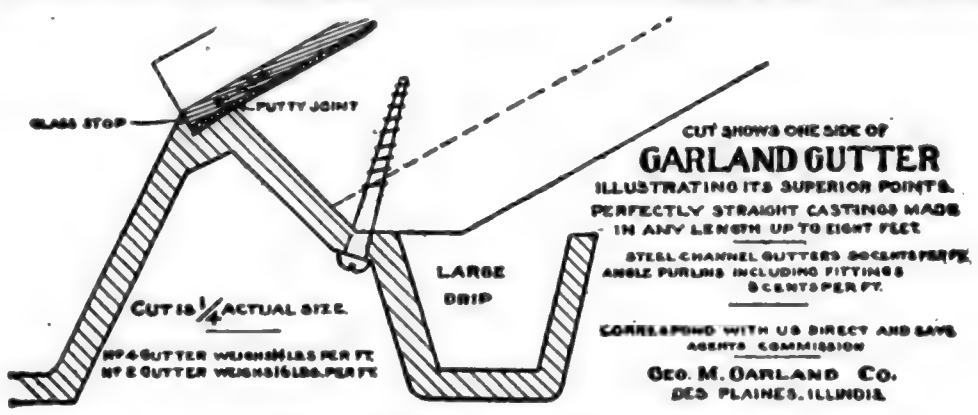
ESTABLISHED 1860

For 48 years we have supplied only the best in

Red Cypress Greenhouse Material
AND
Hotbed Sash

THE ALFRED STRUCK COMPANY INCORPORATED.

LOUISVILLE, KENTUCKY



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Florists' Refrigerators

Write us for catalogue and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.

McCray Refrigerator Co. 881 Mill Street, KENDALLVILLE, IND.

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THE GRANITE STATE MOWING MACHINE CO.

HINSDALE, N. H., U. S. A.

Manufacturers of Granite State Lawn and Field Mowers, Capitol Trimmers and Specialties for Garden and Cemetery use.

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THE REGAN PRINTING HOUSE

LARGE RUNS OF

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Our Specialty
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Self-tying Rose Stakes
Adam Heim & Son Support and Rose Stake Co.
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Write for prices.

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LARGEST JOBBERS
GREENHOUSE GLASS
IN THE WORLD
Superior quality and lowest prices. Before buying, send us your inquiry.
PITTSBURGH PLATE GLASS COMPANY
442 Wabash Avenue, Phone Harrison 2239, CHICAGO

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GROWING MIXED CROPS.

(Continued from page 116.)

and sweet peas will lose some buds, but if you run a house without any heat with any of these crops, run it on the dry side and do not ventilate it; the air cooling off at night will purify it.

Now, any man with any of these crops can take care of 20,000 feet of glass providing he is a working man, but if he is one of those fellows that wear a white collar, cuffs and a pair of glasses, it will take about five of them. To run 20,000 feet of glass costs about $7 a day in any part of the New England states, but I advise no man to build a greenhouse and go to gardening without a few years' experience, for a good, all-around grower must be a painter, glazier, steamfitter, a first-class carpenter and a good farmer, healthy and able to work.

Napoleon Lemay.

BOOM IN THE GLASS BUSINESS.

Manufacturers of window glass at Columbus, O., said the other day that the demand for glass had shown a big increase in the last few weeks and the price had advanced on all grades so that it is estimated that the manufacturer will now receive $100 more a car for his glass than a few weeks ago. The dealers during the summer bought glass only as needed, but in the last month they have been stocking up heavily in anticipation of a big demand the coming year and this has strengthened prices materially. The Imperial Window Glass Co., the new organization of the independent manufacturers, is prepared to open its headquarters in Pittsburg by the first of the year.

The Review can supply any horticultural books at publishers' prices.

"HOOKER QUALITY"
The mistake of your life if you don't buy
GREENHOUSE GLASS
Prices are very low and "Hooker Quality" is famous with the best greenhouse trade.
— Write Today —
H. M. HOOKER CO.
615-659 Washington Blvd., CHICAGO, ILL.

JAMES H. RICE CO.
Get Our Special Prices on
GREENHOUSE GLASS
NOW
Window Glass, Paint, White Lead, Putty, Etc.
Telephone Central 1944.
Office and Warehouse: Michigan, St. Clair and Illinois Sts., CHICAGO

Mention The Review when you write.

For GREENHOUSE GLASS
WRITE
The Toledo Plate & Window Glass Co.
TOLEDO, OHIO
We have the largest stock in the West.
HIGH QUALITY LOW PRICES MINIMUM BREAKAGE

Mention The Review when you write.

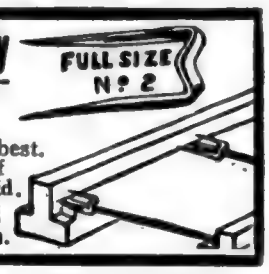
Superior Quality Low Prices Quick Delivery
Greenhouse Glass
Write us for prices.
BAUR WINDOW GLASS CO., MANUFACTURERS, EATON, IND.

Mention The Review when you write.

GLASS
FOR GREENHOUSES
John Lucas & Co.
Philadelphia — New York — Chicago — Boston

Mention The Review when you write.

Holds Glass Firmly
SEE THE POINTS
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cts. postpaid.
HENRY A. DREER
714 Chestnut St., Phila., Pa.
FULL SIZE No. 2



Mention The Review when you write.



SIEBERT'S ZINC NEVER-RUST
GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert. Baum and Beatty Sts., Pittsburg, Pa.

Mention The Review when you write.

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.75; 50,000....$7.50; Sample free
For Sale by Dealers

Mention The Review when you write.



Interior of one of F. R. Pierson's houses at Scarboro, N. Y.

"Light as Outdoors"

THAT is pretty close to the truth about our Sectional Iron Frame Construction.

Here is a view inside one of these houses, looking straight at the roof, from ridge to eave. What a cobweb-like structure of iron and wood it is! Light, but solid as a rock.

Such a house, made such a way, will be growing roses for your children and your children's children, and that's long enough for any house to last.

Lord and Burnham Co.

IRVINGTON, N. Y.

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PECKY CYPRESS

For Greenhouse Benches. By far the best material.

PLACE ORDERS NOW

It will be open-air dried in the South and delivered when you want it.

Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, etc.

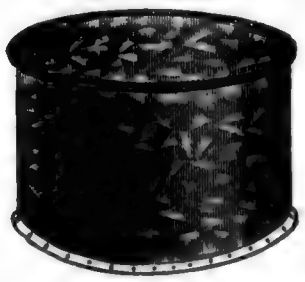
Write for Prices

ADAM SCHILLO LUMBER CO.

1560 Hawthorne St., CHICAGO

Telephones Lincoln 410 and 411.

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CALDWELL TANKS

of Galvanized Steel are used everywhere. Sizes up to 1200 gallons can be shipped set up at small cost for freight. These tanks are strong, tight and durable. Cost less than wood tanks. Ask for illustrated catalogue and delivered prices.

W. E. Caldwell Co., Incorporated, Louisville, Ky.

TANKS (Steel, Wood, Galvanized) TOWERS, Windmills, Pumps, Gas Engines.

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STEINER

The name that stands for big power at low cost, and perfect workmanship.



How is this? A 2½-H. P. air cooled engine, set on skids, wired and piped, complete, ready to run for $81.60. Guaranteed for one year. Send us your order.

M. STEINER & CO., 242 Torrence St., DAYTON, O.

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Our Iron Rafter Greenhouse

The materials cost more than the less enduring construction, but they cost less to erect.

QUALITY and QUANTITY of blooms exceed other houses, as you know.

You gain in erection costs; save in repair costs and get more money out of your stock. You have a house that will last fifty years and longer.

Write for our figures on your next house.

Hitchings & Company

Elizabeth, N. J.

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U-BAR GREENHOUSES

ARE THE IDEAL HOUSES FOR PRIVATE ESTATES, PARKS, INSTITUTIONS AND FLORISTS' SHOWROOMS.

PIERSON U-BAR COMPANY

1 MADISON AVE. NEW YORK

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FOR WATER SUPPLY

A Standard Pumping Engine is more reliable than windmills and will furnish a much higher pressure. Catalogue on request—will tell you more.

The Standard Pump & Engine Co., Cleveland, Ohio.

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Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

Quaker City Machine Works, RICHMOND, IND.

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GLASS

Higher prices sure—buy now—save money.

We are with you all the time—don't buy until you get our prices.

SHARP, PARTRIDGE & CO.

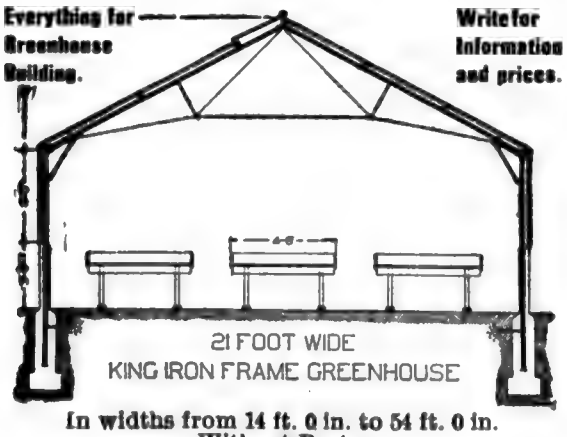
2263-2269 Lumber Street, CHICAGO, ILL.

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Everything for Greenhouse Building.

Write for Information and prices.

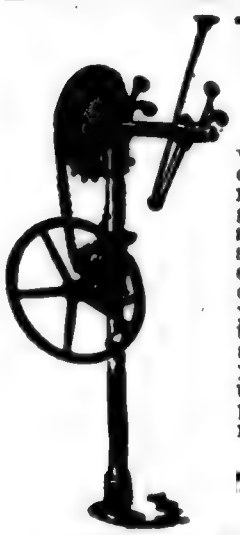


In widths from 14 ft. 0 in. to 54 ft. 0 in. Without Posts.

King Truss Sash Bar Houses
Iron Gutters and Eaves
Iron and Cypress Benches
Ventilating Machinery

KING CONSTRUCTION CO., North Tonawanda, N. Y.

Mention The Review when you write.



This Ventilating Machine

which is now in its fifth year of existence, is continually making friends wherever it goes. It is used by thousands of customers in 42 states, and has pleased every customer with but one exception. It will pay you greatly to investigate this machine before buying, as by using this machine you have the satisfaction of using the best at reasonable prices. You will never regret it.

Free Circulars, etc.

THE ADVANCE CO.
Richmond, Ind.

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THE STANDARD

Ventilating Machinery

The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only DRIP PROOF gutter on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio

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A. Dietsch Company

2640 Sheffield Ave., Chicago

Greenhouse Material
Hotbed Sash

Modern construction, perfect workmanship, reasonable prices.

SPECIAL—Have you seen our new Header?

No Shade No Drip No Draught

You cannot fail to be pleased with it.

SEE THAT LEDGE.

Pat. Sept. 18, 1900



THE JENNINGS IMPROVED IRON GUTTER.

Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS

Improved Vaporizing Pans for Tobacco Extracts, Etc.

Send for Circulars.

DILLER, CASKEY & KEEN, S. W. Cor. 6th and Berks Sts. **PHILADELPHIA, PA.**

Dibert, Stark & Brown Cypress Co.

DONNER, LA.

Manufacturers **LOUISIANA CYPRESS LUMBER** Lath and Shingles

Write us when you are in the market. Mention name of your dealer.

Pecky Cypress a Specialty

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, DECEMBER 23, 1909. No. 630.

Merry Christmas....

We wish every Florist a Successful and Happy Christmas and a Prosperous New Year.

ARTHUR T. BODDINGTON

Our Stock of

Rooted Carnation Cuttings

are the same price as any reliable firm; the quality just a little better. That is why our customers are always satisfied.

Give us a trial, if you don't know.

Chicago Carnation Co., A. T. PYFER, Mgr. **Joliet, Ill.**

Now Ready for the Retail Trade

Begonia Gloire de Lorraine, Begonia Pres. Taft and Cyclamen, in bud and bloom.
Poinsettias in pans.
Dracaena Terminalis, well colored.
Pandanus Veitchii. Boston and Harrisii Ferns.
Adiantum Farleyense.

—Price List on Application.—

J. A. PETERSON, Westwood, Cincinnati, O.

Ten Days' Free Trial

The Baur Carnation Clip

Please send without delay 10,000 more of the Baur Carnation Clips. They are the finest thing on the market. A. J. BOOTHMAN.

The Baur Carnation Clip works like a charm. Send me 10,000 more clips. B. WILLIG.

Send us no money. The cleverest device ever invented for mending **Split Carnations,** will be sent to you absolutely free, without a cent deposit. Worth many times its cost.

Outfit (1 plier and 1000 clips), $2.50. Clips: $1.00 per 1000, $1.50 per 2000, $3.25 per 5000, $6.00 per 10,000, $12.50 per 25,000, $20.00 per 50,000.

We refit old pliers free. Send them in and we will repair or promptly send you a new one.

BAUR FLORAL CO., Erie, Pa.

Azaleas

Of the following varieties: Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Mme. Petrick, Sacuntala, Prof. Wolters. 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

Hydrangeas

Field-grown, one to two shoots to the plant, $7.00 to $10.00 per 100. Satisfaction guaranteed. Pot-grown, 4-in., one to four shoots to plant, $12.00 per 100; 5-in., three to five shoots to plant, $15.00 per 100.

Gloire de Lorraine Begonias

3-in., $15.00 per 100; 4-in., $35.00, 100; 5-in., $50.00, 100; 6-in., $75.00, 100.

Lilies

Full cases at 1000 rate.

	Per 100	1000
Giganteum, 7/9, 300 to case	$7.00	$60.00
Magnificum, 8/9, 200 to case	6.00	50.00
Auratum, 8/9, 160 to case	5.00	45.00
Album, 8/9, 225 to case	8.00	75.00
Chinese Lilies, 30 bulbs to basket, 4 baskets to bale, $3.00 per bale		25.00

Spiraea

Washingtonia .....$2.00 per dozen; $10.00 per 100

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

New Chrysanthemums : :

Edmond Albe. Early commercial pink.

Mid-October. Globular incurved.

Elise Papworth. Grand white; won the sweepstakes prize at the Chicago Show.

$5.00 per dozen; $35.00 per 100.

Early Monrovia. $3.00 per 100; $25.00 per 1000 plants. Rooted cuttings, $15.00 per 1000. Splendid, clean stock.

A grand collection of exhibition sorts. All the best commercials. Write for our list.

E. G. HILL CO., Richmond, Ind.

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1909	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.30	Lobelia Speciosa	$0.10	$0.50
Balsam Alba Perfecta	.10	.75	Lobelia Crystal P. Comp.	.15	1.15
Cobaea Scandens, purple	.10	.30	Smilax	.05	.25
Dracaena Indivisa	.10	.25	Stocks Cut and Come Again	.25	
Forget-Me-Not Victoria	.10	.75	Stocks Ten Weeks', mxd	.25	
Mignonette Machet	.10	.50	Stokesia Cyanea	.10	
Petunia, Calif. Giants	.25		Thunbergia	.10	.45
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00

For select strains of VEGETABLE SEEDS, Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our Market Gardeners' Wholesale List, mailed as soon as ready, upon request.

THE W. W. BARNARD CO., SEEDSMEN 108-110 W. Kinzie St., **Chicago**

Merry Xmas Happy New Year

Deal with us—we treat everybody right

Hoerber Bros.

Wholesale growers of

Cut Flowers

Store, 51 Wabash Ave., CHICAGO

Greenhouses, Des Plaines, Ill. L. D. Phone, Randolph 2758

Roses Carnations

Start The New Year Right

You will find we can supply everything in Cut Flowers in a way that will be satisfactory to you—quality, price, packing, promptness all right—all to your liking.

Send us Your New Year's Order

Nothing that will please a patron is too much trouble for us.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 CHICAGO

As our business is increasing steadily, we shall be glad to hear from any growers considering a change in selling arrangements.

WIETOR BROS.

51 Wabash Ave., CHICAGO

.....New Year's Price List.....

	Per doz.
AMERICAN BEAUTY—	
Extra long stems	$10.00
36-inch stems	8.00
30-inch stems	7.00
24-inch stems	6.00
20-inch stems	5.00
18-inch stems	3.00
15-inch stems	2.00
12-inch stems	1.50
8-inch stems	1.00

	Per 100
Bride, fancy	$15.00
" good	$ 8.00 to 12.00
Bridesmaid, fancy	15.00
" good	8.00 to 12.00
Killarney, extra fancy	20.00
" fancy	15.00
" good	8.00 to 12.00
White Killarney, fancy	20.00
" " good	8.00 to 15.00

	Per 100
Mrs. Jardine, extra fancy	$20.00
" fancy	15.00
" good	$ 8.00 to 12.00
Richmond, extra fancy	20.00
" fancy	15.00
" good	8.00 to 12.00
Uncle John, fancy	15.00
" good	8.00 to 12.00
Perle	10.00 to 15.00
ROSES, Our Selection	6.00
CARNATIONS, fancy red	6.00
" extra fancy Enchantress	6.00
" extra fancy white	5.00
" good	4.00
VALLEY	4.00 to 5.00
ADIANTUM	1.00
SPRENGERI, per bunch, $0.50 to $0.75	
FERNS, per 1000,	2.00
GALAX, "	1.00 to 1.50

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice

Mention The Review when you write.

BEAUTIES, ROSES, CARNATIONS

Violets, Valley, Bulb Stock, Stevia

OUR SUPPLY IS LARGE. OUR QUALITY IS FINE.

Milwaukee fragrant DOUBLE VIOLETS are in a class by themselves.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns. Valley every day in the year. Our stock and service, once tried, will cause you to become a regular customer ∴ ∴ ∴

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Always mention the Review when writing to Advertisers

CARNATIONS

BEAUTIES

ROSES VIOLETS

We are ending the Good Old Year, and starting the New Year with an excellent supply in all lines.

SEND ALONG THE ORDERS

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

New Year's Prices

AMERICAN BEAUTY	Per doz.
36 to 40-inch stem	$8.00 to $10.00
24 to 30-inch stem	5.00 to 6.00
18 to 20-inch stem	3.00 to 4.00
12 to 15-inch stem	1.50 to 2.00
Short stem	1.00
	Per 100
Bride	$5.00 to $12.00
Bridesmaid	5.00 to 12.00
Killarney	5.00 to 20.00
White Killarney	5.00 to 20.00
My Maryland	5.00 to 20.00
Mrs. Field	5.00 to 15.00
Richmond	5.00 to 20.00
Carnations, good	3.00 to 4.00
" fancy	5.00 to 6.00
Violets	1.50
Valley	3.00 to 5.00
Harrisii Lilies	20.00
Callas, per doz., $2.00	
Asparagus, per string 50c	
" Sprengeri, per bunch,	.35 to .50
" Plumosus "	.50 to .75
Galax, green, per 1000, $1.25;	.15
" bronze, " 1.25;	.15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax, per doz., $2.00	
Fancy Ferns, per 1000 2.00	.25
Boxwood, 50 lb. case, 7.50	
Wild Smilax, 50 lb., 5.00	

Prices subject to market changes.



125,000 square feet of glass

We grow a general line of Cut Flowers and Plants for the Wholesale Trade.
If your name is not on our mailing list, let us know.

The Pikes Peak Floral Co. :: Colorado Springs, Colo.

Christmas to New Year's

There is always a fine business and we shall be prepared to take care of all orders in better shape than ever before during the Holiday week.

YOU take the orders, wire us and we will send the right stock to fill them.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

NEW YEAR'S PRICE LIST

BEAUTIES	Per doz.
48-inch and over	$10.00
30 to 36-inch	$6.00 to 8.00
24 to 30-inch	4.00 to 5.00
18 to 20-inch	2.00 to 3.00
12 to 15-inch	1.50 to 2.00
8 to 12-inch	1.00
ROSES (Teas)	Per 100
Bride and Maid	$5.00 to $12.00
Richmond	5.00 to 15.00
Killarney	5.00 to 15.00
White Killarney	5.00 to 15.00
My Maryland	5.00 to 15.00
Perle	6.00 to 12.00
Roses, our selection	4.00
CARNATIONS, medium	3.00 to 4.00
" fancy	5.00 to 6.00
MISCELLANEOUS	
Harrisii Lilies	20.00
Valley	3.00 to 5.00
Violets	1.50
Paper Whites	3.00 to 4.00
Stevia	1.50 to 2.00
Sweet Peas	1.00 to 1.50
Poinsettias, per doz., $2.00-$3.00	
Callas, per doz. 2.00	
GREENS	
Smilax Strings, per doz.,	1.50 to 2.00
Asparagus Strings, each,	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35 to .50
Adiantum, per 100,	.75 to 1.00
Ferns, Common, per 1000,	2.00
Galax, "	1.00
Leucothoe	.75
Boxwood, lb., 25c	
Wild Smilax, $2.50, $3.50 and	4.50

SUBJECT TO MARKET CHANGE.

CHRISTMAS TO..... NEW YEAR'S PRICES

Beauties	Doz.
Extra long	$8.00
36-inch stem	6.00
30-inch stem	5.00
24-inch stem	4.00
20-inch stem	3.00

Beauties	Doz.
18-inch stem	$2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	1.00

		Per 100
Richmond, Killarney, Chatenay, Field, My Maryland	Select	$10.00 to $15.00
	Medium	6.00 to 8.00
	Short	4.00 to 5.00
Uncle John, Bride, Maid, Ivory, Sunrise, Gate	Select	10.00 to 12.00
	Short to Medium	4.00 to 8.00
Perle		6.00 to 10.00
Roses, Our Selection		**4.00**
Carnations—		
White and pink		4.00
Fancy white and pink		5.00
Red		6.00
Harrisii		15.00
Valley		4.00 to 5.00
Violets		1.50
Adiantum		1.00 to 1.50
Asparagus	per bunch,	$0.50 to $0.75
Ferns	per 1000,	2.00

Peter Reinberg,

35 Randolph Street, CHICAGO

NEW YEAR'S FLOWERS

Buy direct of the grower and get fresh stock

We call the attention of the trade to our Extra Fancy Red Carnation O. P. Bassett. It is better than any short or medium stem Beauty at this time of the year. The Bassett, with its large flower, long stiff stem and brilliant red color, is a grand novelty for the Holidays.

PRICE LIST

American Beauties	Per doz.
36 inch and over	$10.00
30 " " "	8.00
24 " " "	$5.00 to 6.00
20 " " "	4.00
15 to 18 inch	3 00
8 to 12 inch	1.00 to 2.00

Richmond, Killarney and White Killarney	Per 100
Extra select	$15.00
Good lengths	12.00
Medium lengths	$8.00 to 10.00
Good short lengths	6.00

Maids, Brides and Perles	
Long and select	12.00
Medium	8.00 to 10.00
Good short	5.00 to 6.00

Carnations	Per 100
Extra fancy Red Bassett	$8.00 to $10.00
Extra fancy White Enchantress	5.00
Fancy Enchantress and Winsor	5.00

MISCELLANEOUS

Easter Lilies .....per doz. $2.50	15.00
Lily of the Valley	3.00 to 4.00
Asparagus, per string $0.60	
" **Sprays**	2.00 to 3.00
Sprengeri	2.00 to 3.00
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THE RETAIL FLORIST.....

EBLE'S NEW STORE.

New Orleans is known in the trade as one of the best flower towns in the United States, and the accompanying illustration will be of interest as showing the style of flower store these modern times demand in the Crescent City.

Charles Eble has been in the florists' business in New Orleans for over twenty-five years, but never has been so well fixed to do business as since he opened this store in the Grunewald Hotel building early in the present season. The fixtures are in every way the best that it was possible for him to procure and he carries the highest grade of stock, catering to the best trade in his town.

That first-class facilities are a good investment is shown by Mr. Eble's report that trade showed an immediate increase as soon as he opened this store.



New Store of Charles Eble, New Orleans, La.

EVENTIDE.

By Carl Stumm.

An old edition, a rare old edition among books in modern bindings, for contrast's sake, would best describe a bent figure which stood within a florist's shop on upper Fifth avenue. Clearly he was not a purchaser of the goods more precious in these wintry days than the camel's pack from the orient.

The holiday thrill was in the air, as the gay spirited pedestrians and occupants of vehicles, from teamsters' carts to autos, bustled past upon the lively thoroughfare. Beside the embanked palms and ferns he stood and looked through the wide expanse of window.

Of age probably 60 years, he had long since ceased the combat on the field of his chosen occupation. There was no surrender to the circumstances which held him captive, until his release through time. Nor was he broken in health or will through the reverses of life, which with sheer strength had cast him upon the wastes of a present generation.

He was an old-time gardener from foreign soil, who had removed to the newer country as the artisans in all lines had come. Upon starting his trade in the western world while yet a young man, he had caught the spirit of the city and no longer wished to be confined to rural bounds in his work. Drifting to New York, he tried to find employment for his ready hand at the trade he knew, but the small yards and poor facilities for city gardens soon became too barren ground for much chance of a livelihood through his dexterity.

At last taking up odd tasks among the florists, he here and there, and in seasons, gathered stipends for trivial though responsible duties. And in so doing he enjoyed his dividends, although irregular in receipt or amount, with the same zest as a speculator reaps his profits or a gambler clears the board. In short, he was the willing hand to deliver packages of fragile flowers with care and tact, nearly always receiving some fee from his employer, as well as a gratuity at the finish of his trip.

The week was a busy one, with many deliveries to make—gay holly wreaths; blooming plants swathed from the cold to preserve their brief life after their short and rapid growth in the greenhouses; cut flowers in all shapes and arrangements and for all destinations, from the dreary window in some hospital to the brilliant banquet board.

"Jim!" called the proprietor to his aide.

"Yessir!" With alacrity the addressed presented himself for orders.

"Take this holly wreath, Jim, and don't lose any more time than you have to in getting back. It's a long ways to go, but I know you can find the way all right."

The carrier put on his spectacles, to inspect the tag with all the deliberation of a justice examining a brief.

"Richly" was the name, and under it were these directions for setting out upon his trip: "Elevated to the bridge; Brooklyn trolley changing to South Brooklyn; walk five blocks, enter gate at left and follow road straight ahead to Oak Hill. Take path to enclosure and leave wreath at door."

"These directions are more than ordinarily long," ruminated the old man, as he fumbled in his pockets with one hand for his car fare, and with the other for his standby on such journeys, which was a comforting plug of chewing tobacco. Absently he gazed at the owner of the Elite Cut Flower Palace over his glasses, in mute appeal as to what manner of customer came such a distance when holly wreaths were to be bought in the farthest reaches of the City of Churches. He did not ask for information on the point, as superfluous conversation was generally discouraged among the help during a rush; furthermore, he did not wish to appear nonplused at anything which should devolve upon him as his duty.

Shouldering the gay emblem of Christmas cheer, this helper started on his way; for, after all, the longer the trip the more enjoyable, and one of his reliability should be chosen to carry out specific directions. But, best of all, there was that waiting tip, which in this case was doubly assured both by the pains to be taken and by the singularly appropriate name of the consignee—Richly—which somehow suggested opulence, possibly to the tinkle of a half dollar, or at least a quarter.

This observation might be construed as intuition, but more properly, Jim thought, as keen business insight; such comprehension as might have been the foundation of large fortunes, such as Richly's, for instance.

So convinced was he of his good prospects of a little change before he returned, that he left the train at City hall and shouldered his way into a well patronized barroom for a sort of milestone potation. This was taken, with another for reserve, and the large wreath moved from the dramshop amid exclamations from the bystanders.

As the next car taken nosed its way across the old bridge, the sky became heavily overcast, while a blur of fine snow hid the river below and the shores at either side; this ride was a short one, giving entry to Brooklyn's busy streets. On a near corner twinkled merry

lights in front of plate glass and mahogany. This, of course, being in such contrast to the enveloping weather, a new lease of ambition was taken on the premises.

Now for the last stage of the ride and the circuitous walk, which itinerary should be thoroughly memorized within the car: "South Brooklyn, walk five blocks, enter gate and follow road." "Put down two and carry four," the old man further mumbled, a bit amused at his own state of mind, and with a chuckle he dozed off, while the motor under the car whirred its singsong.

With a jar and cessation of noise the car stopped, while a cold blast swept through it. The old man started up and perceived the red-nosed and red-cheeked motor man as he called through the door: "All out! No farther on this line!"

Hastily leaving the car, the old fellow beheld a dreary waste of snow with a few houses, none of which the Richlys could possibly reside in. He walked his five blocks, after careening through the drifts and tacking with the wind, which pushed and pulled on the wreath as though it were a sail upon some meaner craft.

And here were the gates. Very spacious grounds within, but just as dreary looking as without. The road was discernible beyond, as some carriages had but lately passed along. Following the tracks, he reached the grove of oaks and passed through them on the footpath. Twilight was now upon the setting of the scene, with the shrubbery and woody tangle, but there was no house or sign of a house. To look straight ahead in the teeth of the gale and sleet was impossible; so, plodding along with head down, he reached the end of the walk and was stopped by a low iron fence. As he peered up through the gloom, the first thing to catch his eye was the name, Richly, carved in large block letters in gray stone above a small door, which looked very dark, as though it might lead to the innermost recesses of the earth. A strip of purple ribbon, fastened on the door grating, flapped against the dull walls, an ensign of the departed.

Reverently opening the gate and stepping to the tomb, Jim, with hat in hand, placed the circle in the door space, while a swirl of snowflakes, caught up from the ground, circled his pathetic bent frame and, rising above him, paused and fluttered down a soft benediction on his bowed gray head.

FROST ON SHOW WINDOWS.

In reading the December 16 issue of the Review, I noticed the inquiry by G. M. N. & S., asking how to keep the show windows clear of frost and vapor. I believe that the following remedy will do the business in a satisfactory manner, as I have seen the principle tried to perfection a number of times. Jewelry and other stores are using it with great success and no doubt it will do the same for florists' windows. The only objection that I can possibly see is that it might interfere with some of the decorations, but that should be easily remedied.

The idea is simply this: To install a small electric fan where the current of air created by it will sweep across the inside of the window, and if the window has not become coated with ice it will clear in a few minutes and remain clear.

I know the annoyance caused by windows becoming coated and I believe that a sure cure will be a welcome guest in any store, so I gladly give this to you to hand out to our brother florists through the columns of the Review.

I have received many valuable helps from its columns and feel in duty bound to contribute anything of value to others in a like manner. A. E. P.

THE BRIDE'S BOUQUET.

The accompanying illustration is reproduced from a photograph of a bride's bouquet made by Bertermann Bros. Co., Indianapolis. The materials were cattleyas, valley, Farleyense and asparagus, with ribbon, and in sending the photograph Irwin Bertermann said the picture gives only an inadequate idea of the light and airy grace of the arrangement. Asparagus, while among the lightest and most graceful of the materials with which the cut flower worker deals, is among the most difficult to photograph, because in the picture it usually looks black and bunchy.



A Bride's Bouquet.

HE PUSHED THE BUTTON.

J. E. Cornell, the florist of Danbury, Conn., has always been a firm believer in signs and has used many in his business with success. But his faith in signs was recently somewhat shaken by reason of a little episode that occurred during the night. Mr. Cornell, who lives in the block a few doors from his store, had placed a sign on his door which was illuminated at night so that it could be read across the street.

The sign in question read: "You can get me in two minutes any time by pushing the button at the left." Mr. Cornell had his name printed at the bottom of the sign, so all who read might know who it was that could thus be so quickly summoned. This sign caused the nightly trouble.

An individual came rolling along White street, eastward bound, shortly after midnight and his progress was helped by the pushes he gave himself from time to time as he bumped against the stores along the way. He finally lined up in front of the florist's store, the light in the window serving as a beacon to attract him. In a half-muddled way he made out the significance of the sign and reached over and pushed the first button to the left three times.

The result of pushing the button was that three sharp rings of the alarm bell awoke the echoes of the Cornell bed chamber in the block. The florist jumped out of bed, put on trousers over his pajamas, got into slippers and made a rush for the store, hitting the stairs, so he says, about three times on the way down.

He rushed out into the cold air of the December night, and found the muddled individual standing on the walk, braced against the front of the store, with his watch in his hand. The florist asked the man if he rang and what he wanted.

"Shay," began the individual, "you're all righ', shee; you're all righ'! Jus' a little behin', that's all; a little behin'. The sign shays, come in two minutes, but it took you three to get here. How you account for shat, anyway?"

Without waiting to hear further from the individual, Mr. Cornell went into the store, switched off the connection, and then crawled back upstairs and got into bed again, safe in the knowledge that no one else would be able to ring the bell for a while, anyway. The following morning he was wondering whether he would connect the push botton and the bell or remove the sign from the door window.

A few nights previously a policeman discovered that the fish pond in the window of the florist's store had run over, the cause being a small goldfish which had got into and plugged up the waste pipe. The policeman rang all the bells and awoke everybody in the block before he succeeded in getting Mr. Cornell. All of which helps to shake the florist's faith in signs and push buttons.

THE FLEISCHMAN AUTO.

In the last few years automobiles have become so common that they pass absolutely without notice in almost any part of the country, but when the new motor delivery car of the Fleischman Floral Co. rolls down the boulevard in Chicago, it reminds one of the joke once current in the variety shows. Something to this effect:

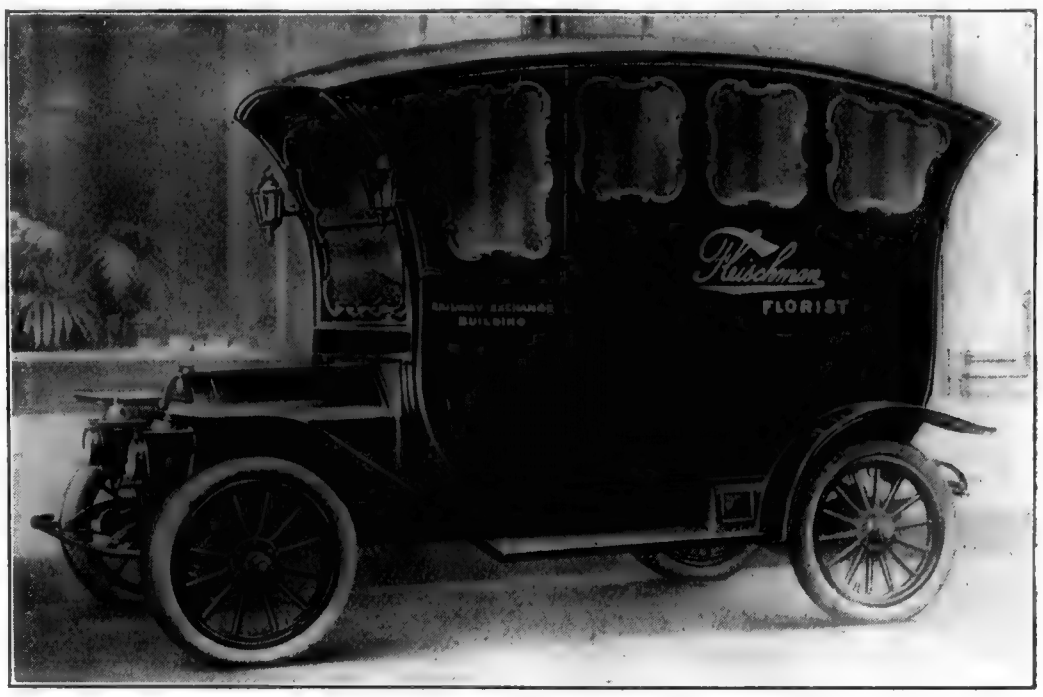
"It was a rainy day and the young person of many charms was crossing the street as Wood and Stone sat looking out of the club window. 'Did you see that?' they spoke in unison, as Wood turned to Stone and Stone turned to Wood—and then they both turned to rubber."

The Fleischman auto does not get by without everyone turning for a second look.

There are two special features about the Fleischman auto: its shape and its color. The shape of the body and top are clearly shown in the accompanying

illustration, but the color is something that must be seen in the original to be appreciated. There never was another auto colored like it. Without being a color expert one would say that it was neither purple, mauve nor lilac, but something of all three. At any rate the color is striking and attractive.

It is said that the Fleischman auto in shape and color was designed by B. Rubel, president of the Fleischman Floral Co. It was built by the Stoddard-Dayton people. It has only been on the street a few weeks, but as an advertisement it has already proved its worth and it has every indication of demonstrating its practicability as well. It is figured that the automobile will do the delivery work of three teams and in case of rush orders it will save much time.



New Delivery Auto of the Fleischman Floral Co.

CHRISTMAS CUT FLOWERS.

Retail florists who protest at the advance in prices which takes place at the holidays seldom give a thought to the fact that the demand suddenly swells to several times its previous volume; they call for four or five times as much stock as they have taken before and write with the order to "of course send nothing but fresh flowers," that day's cut, without stopping to consider how the stock is to be supplied. But someone has to give the supply more than a passing thought. Here is a letter that a far-sighted commission man sent to all his growers December 15:

"There are a great many more flowers wanted for a holiday than any other time, and the growers are expected to furnish this extra supply. There are several ways of doing this—some time their regular crop to be at its heaviest; others grow special crops for the holidays; others hold their regular cut and put it all on the market at once.

"The former two ways are commendable, and we are glad to say that most of our growers handle their crops that way, but the latter practice is condemnable if overdone, and it is on this that we want to make a few remarks. If you feel that you must hold some stock, then please don't overdo it. Carnations should not be cut and held in water over twenty-four hours. Don't keep roses too cold. Remember that stock shipped Wednesday and Thursday is expected to be in good condition Christmas day and Sunday.

"Grade the stock carefully, and mark up for us what is shipping stock, and what we should sell to local trade for immediate use. This will be a great help to satisfy the trade, and our satisfied customers are your best friends. Let us work together.

"Wednesday, December 22, and Thursday, December 23, will be the heavy shipping days. Let all the stock come on these two days in equal proportions. Drop us a line on receipt of this, or inform us otherwise, as to the amount of stock you expect to have. We will be extremely busy these two days, and any help that you can give us in careful selecting, packing and marking up your stock will be greatly appreciated."

SEASONABLE SUGGESTIONS

Sweet Peas.

The sale for sweet peas is usually somewhat sluggish during the chrysanthemum season. From Christmas onward they are in much better demand, at improving prices. Growers who planted early and have a house in good crop now will find them a paying investment, for the weeks following Christmas usually find the market comparatively bare of flowers. Exercise care in temperatures; we find 48 to 50 degrees a safe average at night. It may run a little higher on mild nights, and can advance to 60 to 65 degrees, with sunshine, during the day. With cold nights, when more fire heat is required, a close watch is necessary in order to keep red spider in check. Dampen the house more frequently where the heat is the most drying, and on clear days use the spray nozzle on the plants. Let this be done early, so that they will be dry before nightfall. Avoid anything in the nature of a too humid and close atmosphere. This, with cold drafts, will start mildew, which plays havoc with a crop.

During midwinter the plants need little feeding. If the earliest ones show any signs of exhaustion, give them a top-dressing of sheep or cow manure. Let the latter be well decayed and stir the surface soil before watering it in. With the clearing out of Christmas crops, it is now possible to give some additional space to peas. Any vacant beds or benches can now be planted with them. Never use old soil for them. They are strong feeders and the best compost you have is none too good for them. Always plant where there is ample head-room and abundant light, and remember that the bigger the house the better the peas will do, if properly cared for.

Poinsettias.

The sale for cut poinsettias is largely limited to Christmas week and the demand for the brilliant bracts is slight after that date. We hope you managed to dispose of all your flowers at profitable prices. Do not omit the saving of an adequate number of stock plants for another season. Year after year we see people scurrying around for stock plants about the time propagation should be under way. If you want stock and intend to grow a quantity another year, now is the time to buy it. If in pots or pans, simply lay them on their sides under a bench in a house kept at 45 to 50 degrees at night. If lifted from beds or benches, they can be heeled closely in boxes of soil and kept in a cellar or shed where the right temperature is maintained. Do not do any pruning now; that can be done when you start them, which need not be for several months yet.

Speaking of poinsettias, some inquiries reach us as to the value of the white variety. It has little commercial value, but the so-called double variety, plenissima, is a good thing and not seen so much as it ought to be. Of course, poinsettias are in reality euphorbias, and that reminds us that another useful member of this family, E. jacquiniæflora, should not be subjected to as severe drying as the poinsettias.

Amaryllis.

Where an early crop of amaryllis is desired, a batch of these may now be started. If the bulbs are in pots of sufficient size and well established, a liberal top-dressing may suffice. If, on the other hand, the pots are crowded with active roots, they should have a shift. A suitable soil consists of three-fourths fibrous loam, with all the finer particles screened, one-fourth well rotted cow manure and sufficient sharp sand and broken charcoal to keep the whole porous and sweet. When starting them, stand them on a bench if possible, under which steam or hot water pipes run. They like some bottom heat. In Europe the common practice is to plunge the pots in tan bark or other such materials. This is unnecessary, although it is an excellent plan to adopt with the plants all through the

growing season. Seedlings should not be rested until after they have flowered. Keep them growing in an average temperature of 60 degrees. If a portion of bench can be planted with them, they will make bigger bulbs and flower earlier than when kept in pots.

Hydrangeas.

Where hydrangea plants were well ripened, with the wood of a nice nutty brown color, and all leaves have fallen, it is now safe to start a batch if they are wanted for Easter. Do not make the blunder, which we still hear of from time to time, of pruning the plants when starting them. No deciduous shrubs for forcing should be pruned if you want any flowers, but there are still quite a number who seem to have a peculiar fondness for shearing shrubs into shape, both outdoors and indoors. To any such we would say, if you must prune, let it be after and not before flowering.

Do not start the hydrangeas too warm; 50 to 55 degrees is ample. They will stand 10 degrees more heat when the flower heads show. As they are thirsty subjects, see that they are never allowed to become dry.

Ten Weeks' Stocks.

Make a sowing of ten weeks' stocks now if you will have any bare benches to devote to them for a spring crop. They are better sellers at Memorial day than Easter, but the average country florist can always find use for them. Sow in shallow flats of light soil. Cover the surface with fine sand. Do not start in a high temperature; 55 degrees is sufficient. When the seedlings have made their second pair of leaves, pot them off singly. Some growers leave them in the pots until they can see which will come double. It is a much better plan to plant them out before they become too much potbound. If good seed is bought, a large percentage is bound to come double, and the singles can be pulled out as they appear. Stocks grow best in a cool house; 45 degrees at night suits them. If kept 10 degrees higher, they become spindling and are less satisfactory.

Gladioli.

The large bulbed gladioli are now well ripened, and early varieties, such as Augusta, Snow White, Shakespeare, May, etc., can be planted in benches either as a separate crop or, as is often done, scattered among other crops, or used to fill up gaps. We advise against the too early planting of these gladioli. Some varieties, if not given a sufficient rest, will start to grow vigorously and throw up what promise to be strong flower stalks, but which produce naught but foliage. This is particularly true of the mixed Gandavensis hybrids or any sorts which do not mature their bulbs early, such as the sorts named.

Do not omit a good batch of that best selling of all large flowered gladioli, America. The bulbs are now within the reach of all, and no one can go far wrong in planting a liberal lot of it.

Mignonette.

With the shortening days and the arrival of steadily cold weather, the mignonette spikes show a steady improvement. The benches are now well filled with roots and should never be allowed to approach dryness. A mulching of finely broken up cow manure, spread thinly over the beds or benches, will keep the surface soil moist and attract feeding roots. Liquid manure is liable to do more harm than good this early in the winter. Better wait until the days lengthen perceptibly before applying it, and even then let the doses be moderate ones. An average minimum temperature of 40 degrees will suit mignonette to a nicety.

Adiantums.

Adiantums in pots will require abundant water supplies now, when so much fire heat is being used. A single drying out would probably mean the loss of many fronds. Where the plants are growing over heating pipes, the benches should be frequently damped. Plants from which the fronds have been cut pretty clean are benefited by a rest before potting and starting them up again. Comparative dryness at the root for five to six weeks will cause them to start with increased vigor. Look out for snails, which will soon work havoc among the fronds. Lay traps of fresh cabbage and lettuce leaves or hollowed-out halves of potatoes, and examine them twice a day for the pests.



New Building of Joseph Harris & Bro.

Asparagus Sprengeri.

The present is a good time to make a sowing of Asparagus Sprengeri. It takes about a year to produce nice, salable 3-inch pots, and when these are purchasable at such low prices as many firms offer them, it hardly pays the small grower to raise them. There is no skill needed to start seedlings of either A. Sprengeri or plumosus nanus. Flats of sandy loam in a moist, warm house, 65 to 70 degrees at night, are suitable to sow in. When young Sprengeri can be bought at 75 cents per hundred from flats and at $4 to $5 per hundred in 3-inch pots, it will pay the small grower better to devote his bench space to bedding plants, such as geraniums, which in half the time will net double the money, and leave the raising of the asparagus to the big specialists.

MARGUERITES.

At the establishment of the Pittsburg Cut Flower Co., Bakerstown, Pa., there are two benches of yellow and white Marguerites. They are perpetual blooming, great croppers and quite profitable when they do well, but they are difficult to grow. Mr. Burki has them in narrow, trough-like boxes set crosswise on the benches, and 18-inch spaces between the boxes. Too much root room or overfeeding means overgrowth and no blossoms.

Wm. Falconer.

THE HARRIS STORE.

Joseph Harris & Bro., at Shamokin, Pa., have recently erected a new building for their own use. It is 22x70 feet, with store on the street floor and living apartments above. The location is one of the best in town and the improvement has resulted in a large increase in their business. The building is of reinforced concrete, finished in white sand and white cement.

Harris & Bro. were one of the first firms in the trade to put in concrete benches in their greenhouses. They built the first of these benches in 1901 and now have nothing else in their establishment. They say that after having had experience of some years with 5,000 or 6,000 feet of concrete benches, they would not think of using anything else and believe it would pay any florist to adopt the permanent construction. They say they have erected their indestructible benches at about the cost of wood benches, not figuring labor, simply the cost of materials.

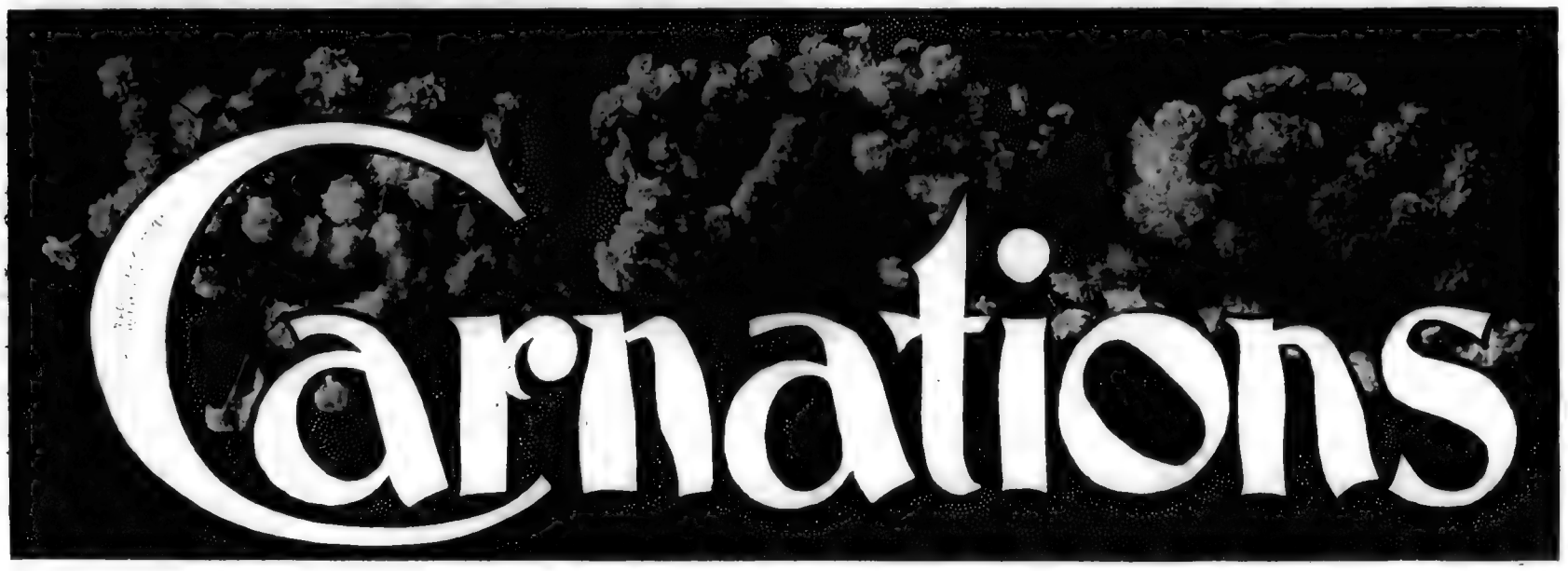
TAXATION OF FLORISTS' STOCK.

It is reported that the board of assessors of Framingham, Mass., has adopted measures for the taxation of the stock of florists in that city. In Framingham, as in many of the smaller towns of the commonwealth where the florists' business is carried on, no tax has heretofore been levied upon the stock carried. In some of the larger places, it is said, taxes have been levied. It is said that in Framingham the campaign inaugurated by the assessors will extend, also, to the stock of the nurseries.

Supervisors from the office of the state tax commissioner have visited Framingham and have sanctioned, if not actually directed, the taxation of the stock carried by florists. The assessors of other towns are also said to be moving in the same direction. In some instances the florists' stock is especially valuable, as in that of John T. Butterworth, who is well known as a grower and exhibitor of rare orchid plants.

Another phase of the situation is the fact that the florists, believing their growing stock is not legally taxable, do not take kindly to this proposed move on the part of the assessors, and some, it is known, have already engaged counsel to act in their behalf and defend their position.

Natick, Mass.—Walter M. Loker, the florist at 193 Pond street, is building a greenhouse at the rear of his property.



WEBER'S CARNATION HOUSE.

H. J. Weber & Sons Nursery Co., located at Nursery Station, a suburb of St. Louis, this season added a house 25x150 in which they planted Enchantress carnations only. The accompanying illustration is from a photograph made early in December. One of the interesting features of the picture is the side ventilation shown. The house has proven exceptionally well adapted to the purpose for which it was built.

ELEVEN DIVISIONS IN CULTURE.

[The paper by Barney Myers, Lancaster, N. Y., read before the Utica Florists' Club December 2, 1909.]

The growing of carnations we will divide into eleven subjects.

First, propagation.—Have good, clean, gritty sand on a clean bench, cement preferred, as it is less liable to produce fungus. If on wood, clean thoroughly and whitewash with hot lime. Take strong cuttings off the flower stem with a good heel; use none but healthy plants. Insert in the sand about one inch and press firm; water well. With the sand at about 60 degrees and the house at 50 or 52 degrees the cuttings should be rooted in about twenty days. The full secret of getting good stock is in the selection of strong, healthy cuttings, and rooting them in an even temperature, and never letting them wilt.

Second, potting the cuttings.—Your soil should be in just the right condition; that is, moist enough so that when pressed together in the hand it will stay together, but hardly any more. Pot firmly enough so that the soil at the bottom of the pot will hold together.

Third, care of the young stock.—The house to keep them in should be light and clean, with a temperature of 50 or 52 degrees at night, with a slight rise in temperature in the daytime. At all times keep the air in the house pure with ventilation. Give water freely, but not too much or it will sour the soil. After seven to nine weeks they will be thoroughly rooted in the 2¼-inch pots, and should be planted out in the benches about three inches apart each way, farther if the room can be spared. Pinch back at least once. From there they go into the field the first week in May, or into the benches, if possible.

Fourth, care of inside-grown stock.—There is little to say except to give lots of water and plenty of cultivation by working up the surface soil every other day, or as often as possible, with plenty of water at all times.

Fifth, field-grown stock.—With us it means nothing but cultivation and two or three pinches back, the last about July 10, until they are brought back inside to plant. We always try to get all plants in the field the first week in May.

Sixth, planting from the field.—First clean your house thoroughly, whitewash your benches, put something on the cracks; we use partly rotted horse manure; have your soil all mixed and ready to put in; if the soil is not just the right consistency, water and leave until it is right before planting. Shade the house with mud or something that will come off easily. Spray lightly until the plants are established. After about ten days remove the shading. All planting should be completed by August 10 or earlier.

Seventh, preparing the soil.—It depends a great deal on the kind of soil you have. The soil we use is a sandy clay loam, to which we add one-eighth cow manure, one-eighth horse manure and a 5-inch pot of bone flour to a wheelbarrow of soil, about two bushels. Mix thoroughly before putting in the benches.

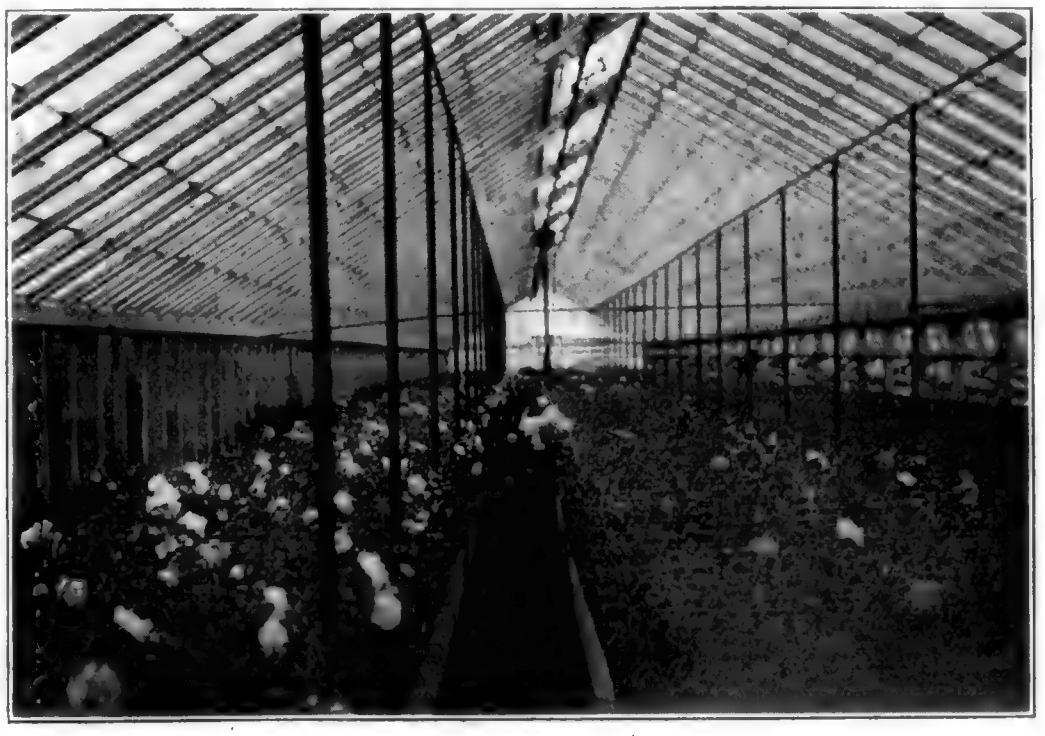
Eighth, care of the plants.—They should at all times be kept free from weeds, disbudded, watered freely but not too much. Spray lightly every bright day until into October, when spraying should be discontinued until spring, unless spider should get in at some point, when of course they must be destroyed.

Ninth, feeding.—After your plants get a good growth it is well to give a little sulphate of potash, one-half pound to 100 square feet of bench, not more. Horse manure water is a good feed. A sprinkling of pulverized sheep manure also is beneficial.

Tenth, insects.—For green fly, aphis and thrips we fumigate as often as possible while the plants are growing, before flowering; afterwards we use one of the forty or forty-five per cent nicotine preparations once a week. For red spider, spray with cold water. If some corner near the heating pipes should get badly infested, use Ivory soap, a 5-cent cake to twenty gallons of water, and thoroughly spray the plants with this; then wash off after twenty-four or thirty-six hours. This is better than most of the insecticides we have tried.

Eleventh, the cutting and keeping of flowers.—Always try to do the cutting in the morning, vase in cold, fresh water and keep in a temperature of 48 degrees twenty-four hours before shipping.

This is the way we have been growing carnations, but on account of the demand for long-stemmed, high grade flowers early in the fall, are we not coming to the growing of them in pots like roses, until they are wanted for the permanent beds, shifting them along in pots to



New Carnation House of H. J. Weber & Sons Co., St. Louis.

5-inch azalea size, then plunging them outdoors in frames until wanted to replace old plants? This would be less expensive to grow than under glass all summer and would permit us to cut through the month of June, when there is a great demand for them, and give us the same results as though they were grown under glass all summer.

WEAK STEMS.

Will you please tell me through the Review the trouble with my carnations? They have weak stems. The flowers are good in size and color, but the stems are so weak they will not hold the bloom up as they should. I would like to know what the trouble is, and what can be done for it. We have a black loam here and it is rich, but I took well decayed sod and put about one-sixth well rotted stable manure and about one quart of hard-wood ashes to a wheelbarrow full of the compost, with a sprinkling of bone meal. The house runs east and west, with another house on the south side, with eighteen inches of glass in the partition wall. I have them on benches with 4-inch tile bottoms and keep the house at 52 degrees at night. I have hot water heat. R. A. R.

Your trouble is most likely caused by the unusually mild weather during November. If November and October had been changed around it would have been better for the carnation growers generally. There is much complaint of soft blooms and weak stems, where special precaution has not been taken to counteract the effects of the mild weather.

Your soil should be all right, judging by your description, though it may be a little light for producing strong stems. The wood ashes you added, however, should have remedied any such defect. It is possible that you have not been liberal enough with the fresh air. Carnations enjoy an abundance of fresh air, providing it does not blow in on the plants at too low a temperature. Nothing will weaken the stems and soften the blooms quicker than a close atmosphere accompanied by liberal watering. If you have done any feeding, it would also aggravate the trouble.

I would suggest that you spray your plants with salt water twice, one week apart. Dissolve a two-inch potful of table salt in three gallons of water and apply with a sprayer. Then follow the above suggestions regarding ventilation and watering. Cooler weather will likely bring relief, for the carnation usually is at its best in all respects in bright, cold days of winter. A. F. J. B.



CUPRUM FOR BLACK SPOT.

I notice in a recent issue of the Review that a writer recommends the cuprum solution as the cure for black spot on roses. Will you please advise me where this solution may be obtained, also what proportion of water to add to it and when to spray to cure or prevent the black spot? I shall be very grateful for your early advice in this matter.

A. G. L.

The copper solution (cuprum) can be had of any dealer in florists' supplies who handles a general line of insecticides. Directions for use accompany each purchase. Ribes.

MILDEW ON ROSES.

Will somebody tell me what is the cause of my roses drying up, as the sample I send you shows? I have been fighting mildew since the first part of October and seem unable to get rid of it. Sulphur seems to check it, but in a few days it is back again as bad as ever. It started on my Brides and Maids and I have had no good flowers at all on either on account of spoiled foliage. I keep a night fireman and a recording thermometer and am sure the temperature is not to blame for much of the trouble, at least, for it has been kept nearly right. The mildew finally spread to my Killarney and a little on Richmond, but Smiths and Perles in the same house are clear of it. I even have two or three Smiths planted in vacant places, where Maids were missing, and while the Maids are full of mildew, there is none whatever on Smiths and Perles, and Richmonds on side benches do not show it. Now the mildew is a little better, but the buds dry up on the outside. It looks to me as if I had used enough sulphur to kill the mildew in a dozen houses. I have used the bellows freely and have used Bordeaux mixture with an additional amount of sulphur and arsenate of lead in it. I also keep a good supply of sulphur painted on the hot water pipes all the time. I use hydrocyanic acid gas to keep down insects and do not believe I use it too strong, as I have used it two years and have never injured any foliage with it.

E. M. H.

As I have frequently pointed out, no amount of sulphur will keep mildew from spreading if conditions in the house are favorable to the germination and growth of this parasite.

While temperatures may be all right, as indicated by recording thermometers, it is clear that some other condition is wrong, as if all conditions are right this amount of sulphur would surely kill mildew.

It appears to me, from the condition of the flowers and foliage, that the house is kept too close and the atmosphere too moist. The blasting of the buds seems to be the result of the hydrocyanic acid gas or some other compound being used too strong.

Keep the day temperature at a maximum of 75 degrees, minimum 60 degrees; night temperature, maximum 59 degrees, minimum 56 degrees. Now, this is the most important part. These temperatures should be maintained with ventilators partly open whenever it is possible. This is one of the points essential to the health of the rose.

Some varieties, because of their lower vitality, are more susceptible to disease than the more robust sorts, and weak plants invariably are the first to be attacked. I think it would also be wise to refrain from using Bordeaux mixture, arsenate of lead, etc., and rely on the fumes of sulphur for efficacy. It is also necessary to bear in mind that the foliage should be dry before sundown, so the syringing should be done early in the day.

If the piping is under the benches, make examination frequently to see if the roots are not suffering from want of moisture. This sometimes happens when the surface of the bench and the upper part of the soil are moist enough.

Ribes.

CARE OF CUT STOCK.

From Greenhouse to Shipping Room.

The greenhouse is an extremely important feature to the grower, but the packing room is just as much so. The first consideration is, of course, to produce the material. But don't you think it just as important to have your consignments arrive in good condition?

Cut stock should not be allowed to remain long in a warm atmosphere, for it soon shows an inclination to wilt. The stock should be placed in a room having a temperature of from 48 to 52 degrees as soon as possible.

At the approach of all holidays a great many of the growers are inclined to save the stock, so that they may be able to meet the increased demand. This system should be done away with, as it does a great deal of harm, for after cut blooms are held thirty-six hours they begin to show the effects, such as weak stems, soft petals and change of color.

Where a great many blooms are spoiled is on the sorting table. In sorting the blooms into different classes, there is a tendency to toss the blooms, instead of laying them down carefully. This is sure to bruise the blooms and therefore depreciate their value.

Packing the Blooms.

Great care should be given each individual bloom, when placed in the shipping box, so that the petals may not be injured and the necks broken.

A roll of tissue paper should be placed between each row, so as to prevent bruising. A good way to pack is to lay four rows, then a sheet of tissue, then two rows over the last two rows in the first tier, another sheet of tissue, then four rows, starting even with the first row in the second tier, and then a cleat wrapped in newspaper to keep the stems from injury. It is essential that the



Nursery Stock Exhibited by a Providence Florist.

cleat should not be placed too close to the heads of the blooms, for there is danger of breaking the necks.

After the box is packed, cleats should be placed on the inside of the box, at the top, to hold the paper off the blooms.

The paper next the blooms should always be new and clean. This gives the flowers a fresher appearance than if old or soiled paper is used. There should be a sufficient lining of paper to serve as protection from frost.

Destinations should be written plainly and legibly, so that the expressman may have no doubts.

If these precautions are observed they should do a great deal toward eliminating the troubles of the growers.

W. J. VESEY, JR.

APPLETON'S EXHIBIT.

At the recent exhibition of the Rhode Island Horticultural Society, William Appleton made an exhibit which attracted much attention because it was the first of its kind to be staged there. Mr. Appleton is one of those florists who has found the handling of certain classes of nursery stock for garden work an important addition to his business. The accompanying illustration shows the exhibit at the recent flower show. Many people were seen making notes of the exhibit, apparently with the idea of purchasing later on.

PENTECOST'S POINSETTIAS.

The accompanying illustration is reproduced from a photograph taken in one of the houses of S. N. Pentecost, Cleveland, O. It shows the crop of poinsettias he is marketing this week. The plants were propagated about July 15 and the house was planted August 17. The average height is now three and one-half feet and the bracts run from twelve inches to eighteen inches in diameter. It is as successful a crop of poinsettias as Mr. Pentecost ever has grown and the orders booked before Christmas indicated a satisfactory market.

AUGUSTA, GA.—Fire destroyed the office, workroom, one greenhouse and damaged parts of two others, at the establishment of Henry W. T. Balk, 226 Green street, December 13. The loss on the buildings is fully covered by insurance, but a fine lot of blooming plants, palms, araucarias, etc., was lost, on which there was no insurance. However, Mr. Balk reports that he still has plenty of stock to take care of his Christmas orders.

SOME OF THE NEW PLANTS.

[A paper by J. S. Wilson, read before the Iowa state Horticultural Society, at Des Moines, December 8, 1909.]

You have asked me to prepare a paper on the plants of recent introduction that are worthy of trial. I am not competent to handle this subject as it should be handled, but will do the best I can and give you the experience I have had with the few new plants I have bought.

We all know that every year there are a great many new plants offered us, many of which we do not hear much of a year or two hence. It is hard for the average small florist to know what is worthy and really an improvement over existing sorts. I have not bought by any means all the new things that have been offered us in glowing descriptions in the last three or four years, and it is just possible I have missed some of the best things. Some of the plants I mention here are not strictly what might be called new by some, having been introduced three years ago or more; however, you must admit it takes about two years' tryout before one can really condemn a novelty.

Some Newer Roses.

The most recent introduction I have is the White Killarney rose, introduced to the trade last spring. I saw this rose exhibited at a number of flower shows during the year previous to sending it out, and made up my mind it was a good thing. I planted up last May 1,000 2½-inch plants, and by August 1 was cutting roses in quantity. The plants have kept up the same pace ever since. I believe White Killarney in time will displace Bride, as it will give more first-class blooms to the square foot of space than that old-time favorite, besides bringing a better price, which makes you win at both ends. I also believe that, like Killarney, it will prove a good summer rose, both for indoor and outdoor blooming. White Killarney has come to stay and will be more largely grown next year, when better known by the average florists.

Other good roses, although not strictly new, having been introduced about three or four years ago, that I have found valuable for pot culture are Tausendschon, Hiawatha, La Fiamma and White Baby Rambler.

Tausendschon, I think, is one of the most beautiful roses of recent introduction. It is a hardy climber of the rambler type. The flowers are about the same size as in Clothilde Soupert. The color is light pink, changing to carmine, shading lighter towards the center. It blooms in clusters of six to ten flowers each, the individual flowers having three to four inches of stems, which gives the cluster a loose, airy appearance. Another, and I think an important feature, is that the flowers hold on for weeks after opening. For forcing for Easter and early spring sales it is grand.

Hiawatha and La Fiamma are both hardy climbers and are of the Wichuraiana type. I have grown these two roses, that is, forcing them, for the last three years, and must say that for grace and beauty, when well done, they are hard to excel. The flowers of both these varieties are single and about two inches in diameter, forming large clusters which almost cover the plants. Usually we look for a single rose to drop its petals soon after opening, but not so with these roses; in fact, they do not drop, but dry up like a bunch of shav-



House of Poinsettias Grown by S. N. Pentecost.

ings and must be removed as they begin to lose color. The Hiawatha color is deep crimson, with the petals shading to pure white at the base. La Fiamma is carmine pink, shading to white and light pink in the center.

By White Baby Rambler I do not mean Schnewitchen or Catherine Zeimet, which are also called white Baby Ramblers and catalogued as such by some firms. In the White Baby Rambler I refer to, the flowers are borne in clusters of fifty to seventy-five individual flowers one inch in diameter, double to the center and pure snow white. It has the same habit of growth and is just as hardy as the red Baby Rambler. I have found it a good seller at Easter.

Other New Plants.

Gladiolus America and Mrs. Francis King are two I have found of real merit and selected by the retail trade in preference to all others, and at a much better price.

Hydrangea arborescens grandiflora alba is a new hardy hydrangea introduced to the trade about three years ago. It has proved valuable for outdoor planting. One of its most valuable characteristics is its coming into bloom the last part of June, just after the passing of all the early spring shrubs, and continuing until early September. Form and size of flowers are much like Hydrangea Hortensia, only of a pure white. I have never been successful in forcing in pots, although I believe it has been done.

There are many new chrysanthemums, carnations, cannas, etc., introduced every year, as you all know. I try a number of new ones every year, and as this is a large subject, I will not dwell on it, but leave that for someone else.

I have mentioned in this paper only such plants of recent introduction as have proved valuable to me. I have tried a great many more, and some that did not prove of value, but that part I will forget and continue to buy all novelties which appeal to me as improvements over existing sorts. I would recommend all florists to do likewise.

FLORIST TO KING LEOPOLD.

It will interest readers of the Review to know that the late Henry Lee Knight, father of Thomas Knight, of Knight & Struck, New York city, was until his death, eleven years ago, superintendent and manager of the estates of the late King Leopold in Brussels, Laeken, Ciergnon (Luxemburg) and Ostend for seventeen consecutive years.

He had under his direct supervision over 1,200 men, which involved considerable responsibility, owing to the fact that each estate was separated from the others by a distance of several hours' railroading, with the exception of the Laeken estate, which is a country suburb of Brussels.

Under his care a range of glass, calling for an expenditure of over 500,000 francs, was erected, and the palm house contained—and contains today—one of the choicest collections of palms and tree ferns in existence. This house had fabulous dimensions, being over 150 feet in height. The other houses contained flowering plants. One interesting feature about this range was the palm house church or chapel. In other words, one of the recent conservatories was built for the holding of the king's devotional services, where Monsignor Sinion at that time was the dean to His Majesty. It is said that there is not a finer collection of hardy roses in existence than here, for it was a regular thing for Mr. Knight to buy anything that was new in this line, these being the king's favorite flowers.

Mr. Knight's position has been vacant ever since, for some reason or other, although the place has been managed by several "chef de cultures," or department managers, in different sections.

Thomas Knight, the son, says that as a boy he was fond of King Leopold, and, as far as he can recollect, the king always treated him with kindness and was quite genial. As a matter of fact, the king used to come over to the "Farm" where the Knights lived, and one day, as he was accustomed to ride a tricycle, he asked Thomas, then a boy of 12, if he would care to try the machine. "Well, Sire," said the young man, "I am sorry my legs are too short to tackle it."

Before holding this position, the senior Mr. Knight was head gardener to the Right Hon. Smith, of Henley on Thames, London, and also to the Duchess of Roxburgh, at Kelso, Scotland. Under him several gardeners, in prominent positions in this country today, worked at that time. The young Duke of Roxburgh married Miss Goelet, of Newport, R. I.

NOTES FROM ENGLAND.

Horticultural Societies.

There has been a decided atmosphere of horticulture in London this week. All sections of the trade have been in evidence in Horticultural hall, in the streets, in the hotels and in the theaters. From the far north and from the south, even from Guernsey, all ranks have come together to attend general meetings, to receive the reports for 1909 and to prepare plans for 1910. The outlook is particularly bright as far as pertains to the societies devoted to the rose, the sweet pea and the carnation.

National Fruit Growers' Association.

A meeting was held on Monday, December 6, when a considerable amount of routine business was transacted, the land question and railway rates coming in for discussion.

Royal Horticultural Society.

The usual fortnightly show was held December 7. Chrysanthemums were well represented. Mrs. W. Parker, a beautiful blush single from F. Brazier, gained an award of merit, and Kathleen May, from H. J. Jones, Lewisham, was similarly honored. This variety will probably become popular for market, its most striking feature being its yellow anemone center, surrounded by several rows of large, reflexed, crimson petals. Wells & Co., Merstham, staged a fine display of Japanese and single varieties. Cypripedium Lion, from Sander & Sons, St. Albans, received an award of merit.

An extensive and most interesting collection of well grown vegetables was shown by Sutton & Sons, Reading. It included many varieties rarely seen. Splendid types of cabbages, Brussels sprouts, savoys and kales were shown and the collection was awarded a silver Knightian medal.

Perpetual Flowering Carnation Society.

The annual winter show was held December 8 and was quite up to its usual standard. The hall was gay with a decorated temple of carnations in the center, from Stuart Low & Co., Bush Hill Park, bowers of carnations from several growers and grand collections.

The richest and most comprehensive display was made by C. Engelmann, Saffron Walden, and a gold medal was awarded. It contained about 1,600 blooms. A fine bank of Carola formed the centerpiece and there were good vases of May Day, Viola, Superior, O. P. Bassett, Wanoka, Ruby, Apple Blossom and many other popular varieties.

Silver gilt medals were awarded to collections from W. H. Page, Hampton, and H. Burnett, Guernsey. Silver medals were awarded to Young & Co., Cheltenham, Stuart Low & Co., and Cutbush & Sons, London. Blackmore & Langdon, Bath, secured the only award of merit given to a new variety, for their novelty Mary Vilven.

The American Society challenge cup was awarded to Bell & Sheldon, Guernsey, in the class for three vases of American novelties distributed since January 1, 1907. They put up Winona, May Day and Pink Delight. H. F. Mason, Hampton, came next, with May Day, Pink Delight and Ruby.

The president's challenge cup was retained by C. F. Raphael's gardener.

In the class for the best group of cut carnations the gold medal was awarded to C. F. Waters, who had five vases of White Enchantress, Mrs. Burnett, Britannia, Winsor, Harry Fenn, Aurora, Mikado, Victory, Rose Dore, Pink Delight, etc., and the silver medal was awarded to S. Mortimer, who put up Winsor, Nelson Fisher, Rose Dore, Mrs. Burnett and Enchantress.

The society's silver gilt medal for the best vase in the show went to a fine exhibit of Britannia from Bell & Sheldon.

In the color classes, W. H. Lancashire, D. M. Collins and C. Engelmann put up the best vases of whites, all three showing White Perfection. For blush or pink, Bell & Sheldon were first with Winona, W. H. Lancashire and D. M. Collins following with Enchantress. W. H. Lancashire was first in the rose or salmon class, with Rose Dore, followed by A. F. Dutton and Bell & Sheldon. For deep pink or cerise, Bell & Sheldon were first with Afterglow, followed by W. H. Lancashire with Lawson, and C. Engelmann with Afterglow. For crimson W. H. Lancashire was first with President; second, C. Engelmann with Carola; third, A. Smith with Union Jack. For scarlet, Britannia from Bell & Sheldon led, then Robert Craig from W. H. Lancashire, followed by Britannia from C. Engelmann.

The prizes were well contested for in all the classes, over forty in number, of which the foregoing were the principal.

In the evening the members dined together in the Hotel Windsor. After the usual toasts had been duly honored, the general meeting was held. The reports showed the society to be in a prosperous condition.

The officers were reëlected, namely: Chairman, J. S. Brunton; vice-chairman, S. Mortimer; secretary, Hayward Mathies, Lucerne, Stubbington, Fareham, England; treasurer, L. J. Cook; exhibition superintendent, E. F. Haines. W. H. Page was elected chairman of the floral committee. The society's year book will be published early in January.

National Rose Society.

The annual general meeting was held December 9. The balance sheet shows a



Tomato Trials of the Livingston Seed Co.

credit of over £1,000 and a membership of 4,000.

Page Roberts was reëlected chairman, E. Mewley secretary, and G. W. Cook treasurer.

One of the special features of the gathering was the presentation of the first Dean Hole memorial medal to Rev. T. Pemberton, in recognition of his conspicuous services as a rosarian, his success in exhibitions and his literary works on the rose.

National Sweet Pea Society.

The annual general meeting was held December 10, followed by the annual dinner and a conference on sweet peas, at which the discussions were opened by William Cuthbertson, on "The Imperfect Seeding of Waved Sweet Peas," and by W. J. Unwin, on "Sweet Pea Names and Naming." The report shows a membership of 938 and over 100 affiliated societies.

In the past a one-day's show has usually been held in London. In 1910 the show will be a two-days' show, to be held July 12 and 13.

The trials will be continued and arrangements are being made for a more extensive and conclusive test of varieties than has been possible hitherto. The trials will be conducted at the Times Experimental Station, Ladygrove Farm, near Guildford, and will be conducted by Charles Foster, to whom novelties (not less than fifteen seeds) should be sent before January 15. The charge is 2 shillings and 6 pence on each variety. At the request of seed merchants, trials will also be made for the purpose of testing the correctness and purity of stocks. For this test, not less than twenty-four seeds must be sent and the charge is 5 shillings. A special committee will investigate the various diseases to which sweet peas are liable.

N. N. Sherwood, of Hurst & Son, London, was elected president for 1910; E. Sherwood, treasurer; Commander Humphrey, chairman of committee; C. H. Curtis, Adelaide Road, Brentford, Middlesex, secretary.

Royal Botanic Society.

The one exception to the encouraging reports is that of the Royal Botanic Society. There are rumors of amalgamation with the Royal Horticultural Society, and joint conferences are at present being arranged with a view to bringing this about on a basis suitable to each society. There are many difficulties in the way and no one can forecast the result.

The Seed Trade.

Concurrent with the foregoing, the seed merchants have had a busy time during the whole of the week in Agricultural hall, showing their specimen grains and seeds for 1910, as well as large exhibits of seed potatoes, and the produce of their 1909 crops in the shape of giant mangels, turnips, cabbages, etc. Reports are varied as to the amount of business transacted on this occasion, owing to the ruling prices being so high.

The principal exhibitors were J. Carter & Co., London; Sutton & Sons, Reading; Webb & Sons, Stourbridge; E. W. King & Co., Coggeshall; Harrison & Sons, Leicester, and John K. King & Sons, Coggeshall. BEE.

TOMATO TRIALS.

Tomatoes always have been the specialty of the Livingston Seed Co., Columbus, and it is probable that the firm each year conducts the most extensive tomato trials which are carried on in the United States. Last season they had trials of more than 250 different lots of seeds of the standard varieties and, besides, they had nearly 100 different varieties of seedlings. These latter were all grown staked up, but of the 250 trials of standard varieties part were staked and part were grown in the regular fashion, with the plants spreading all over the ground. In the accompanying illustration a corner of the Livingston tomato trials is shown. The rows in the foreground of the picture are Livingston's Globe, Hummer, Coreless, Magnus, Beauty and some others of the important standard sorts.

IMPERIAL GLASS CO. A GO.

The Imperial Window Glass Co., the combination of independents or handmade window glass manufacturers, has at last become a reality, after the promoters have been struggling for more than a year to organize it. Final steps of the consolidation, affecting firms and plants valued at $6,000,000, were taken at a meeting of directors last week.

A practical monopoly of the American market is assured the combine because of the strike in the plants of the American Window Glass Co., which by the use of machines produces one-third of the country's supply. Promoters of the new concern declare that almost three-fourths of the independents were on the verge of bankruptcy.

In spite of denials that the purpose of the organization is to boost prices, rates have been raised twice, five per cent each time, since the consolidation project gave promise of success early in October. Only six of the hand-make plants in the country remain outside of the corporation. Two of these are in western Pennsylvania, one in West Virginia and one in Ohio. All are expected to come within the fold within a few weeks.

All plants concerned have been assessed at the rate of $100 to each pot. As 2,200 plants of 2,400 have come into the company, the amount raised to launch the company will be $220,000.

The active officers are: President, Myron L. Case, Bowling Green, O.; treasurer, J. G. Sayre, Columbus, O.; secretary and sales agent, J. R. Johnston, Indianapolis, Ind. M. J. Healey, of Bradford, is vice-president, and there are fifteen members of the board of directors.

BURKI'S ASPARAGUS.

Fred Burki grows an immense quantity of asparagus, both Sprengeri and plumosus, at the Bakerstown plant of the Pittsburg Cut Flower Co., and he has a limited quantity of elongatus. But the latter is simply an experiment; cannot yet tell if there is a market for it. One house largely filled with Sprengeri is 19x350 feet. The benches are raised, and have five inches of soil, with a surface dressing of rotted manure. When he first grew Sprengeri there was scarcely any market for it in Pittsburg and he had to sell it in Chicago, but now all he has is sold at home. His plumosus house is 40x350 feet and in it are five benches. The soil is ten inches deep on tile bottoms, but the tiles are six inches apart. The temperature is 60 degrees at night and 70 degrees during the day.

He saves his own seed and from this raises a fresh stock of plants every year. He grows them on in pots for a year, then plants them out in beds, two beds a year. He keeps his plants until they are four years old, but no longer, for after that the old plants produce too many long, naked stems to be profitable. He throws out the two oldest beds each year and plants two new ones, thus keeping up a full crop and succession of paying vines. The young plants branch from the bottom up. WM. FALCONER.

SOCIETY OF AMERICAN FLORISTS.

Appointment of Committees.

President Valentine has appointed John K. M. L. Farquhar, of Boston, as chairman of a committee on Federation and Affiliation of Amateur Societies. This appointment is made in pursuance of a recommendation by President Valentine at Cincinnati, and endorsed and ordered put into effect by vote of the society.

W. N. RUDD, Sec'y.
December 17, 1909.

ROCKLAND, ME.—Charles T. Spear has fitted up his flower store, opposite the establishment of the Burpee Furniture Co.

ARDMORE, OKLA.—Schuman is fitting up his office building on West Main street and in a few days will have for sale all kinds of cut flowers and ferns.

MORRISON, ILL.—The coal famine is so serious along the line of the Northwestern railroad that florists are seizing the railroad's coal here to tide them over until the road brings in their own.

BOSTON.

The Market.

Christmas is in the air and everything points to a splendid trade. The weather has been ideal of late and nothing but a spell of untoward climatic conditions can prevent business during the present week being about the best on record. Plant growers are already well cleaned out and although prices on these show little change from preceding years, the demand is far better and a general feeling of optimism, such as was lacking a year ago, prevails.

In cut flowers trade, as is customary during the two or three weeks preceding Christmas, has been quiet and arrivals have been fewer than usual. At the first of the week prices were hardening all around and the supply of flowers promised to be none too great. In roses, best grade Beauties were up to $9 per dozen and will probably bring $12 later in the week. The finest Richmond are likely to bring $5 and $6 per dozen, with $2.50 and $3 as top notch on Killarney. Short-stem flowers are now bringing $4 without any trouble. Bride and Maid move poorly, compared with other varieties.

Carnations are selling well; even whites make $3 and $4, with fancies at $5 and $6. Reds and crimsons are, as usual, in best demand, but all colored varieties sell at good prices. Violets have been scarce of late, probably due to the holding back process. The prevailing rates are $1 to $1.25, but the best will sell higher later in the week. Lilies and callas remain about the same. Chrysanthemums are mostly of small or medium size; only a small number of sizable flowers will be left for the holidays. Some nice marguerites are coming in, also small lots of freesias and yellow narcissi. Gardenias are rather more plentiful. The cattleya scarcity is relieved by arrivals of C. Trianæ, in addition to C. Percivaliana. There is a good sale for asparagus, smilax and all kinds of ferns.

Business in Christmas greenery is remarkably good and dealers in these staples are rushed to the limit. Holly is mostly well berried and mistletoe, both native and imported, is fine. Wreathing of all kinds is in big demand. The almost entire absence of snow hitherto has been favorable for a big output of native greenery.

Club Meeting.

Coming, as it did, so near Christmas, it was feared the attendance December 21 would suffer, but such did not prove to be the case, there being a rousing gathering. The election of officers by the Australian ballot system resulted as follows:

President—J. W. Duncan.
Vice-president—Peter Miller.
Secretary—W. N. Craig.
Treasurer—Edward Hatch.
Executive committee—J. P. A. Guerineau, W. E. Fischer, H. E. Fiske, Thomas Pegler.

Peter Fisher, one of the candidates for executive committee, withdrew his name, he already having served one or two terms and wishing to give others a show.

The proposed taxation of florists' crops under glass came up for discussion and the club will do whatever is possible to remove this threatened burden. Several members said that if enacted it would mean putting them out of business. Prof. E. A. White, of the Amherst Agricultural College, outlined the short winter course in practical floriculture, which will be given during the present winter, with lectures by many well known specialists.

There was a goodly display of exhibits on the tables. Eber Holmes, from the Montrose Greenhouses, had a fine collection of roses, including both new and old varieties. W. N. Craig showed a collection of winter flowering zonal geraniums, including such varieties as Paul Crampel, Jacquerie, Pamela, Emile Zola, Tom McLaren and Mrs. Brown Potter, as well as several new English sorts. Peter Fisher brought fine May Day carnation. D. Finlayson had a splendid collection of calanthes and F. W. Fletcher showed lopezia.

It was announced that January 18 would be installation night, with a stereopticon lecture by E. H. Wilson on his plant-collecting travels in western China, and that January 27 would come the annual banquet and dance. Several new members were elected. Some queries from the question box were answered and refreshments were served as usual before the meeting closed.

Various Notes.

A. Roper is picking some extra fine flowers from his new scarlet seedling carnation, William Penn.

E. MacMulkin's Christmas window in scarlet is, as usual, exceedingly attractive. Among other flowering plants, he has some extra fine bougainvilleas.

Welch Bros. are handling an enormous amount of material at present, and in both greenery, flowers and plants their shipping trade is likely to break all records.

Peter Fisher has a new cerise seedling carnation, which he thinks highly of, also an extra fine variegated, like Mrs. G. M. Bradt in color.

J. Newman & Sons, on Tremont row, have their windows artistically arranged. Their azaleas are extra fine and all other pot plants equally good.

The threatened taxation of florists' growing crops is rousing growers all over the state. In Framingham the various florists are strongly banded together and have refused to give tax assessors any information. They have also retained legal counsel. Similar moves are being made all over the state. Private estates, it is stated, will be exempt. Growers in every part of the state should prepare themselves for the fight when it comes, as it undoubtedly will. If florists' brains are to be taxed, it would almost seem as if crops of strawberries and many other market garden crops could hardly be made exempt. In some of the larger cities, including Boston, the tax on growing crops under glass has previously been levied, but this is the first time it has been carried into the smaller cities and country towns.

Thomas Pegler is handling an unusually high grade of carnations from George E. Buxton at the Park street market.

Waban Conservatories have a grand cut of high grade Beauties, Killarneys, White Killarneys and Richmonds for the holidays.

The F. W. Fletcher Co. has a good lot of Cattleya labiata for Christmas. These were purchased late and by flowering two months after their usual time are specially valuable.

W. C. Ward, the pansy specialist, is sending in quantities of his specialty at present. He also hopes to be cutting dahlias all winter, Jack Rose being his specialty.

W. B. Goodenow, of Stoughton, is cutting some fine sweet peas. N. F. Comley also has a fine crop for the holidays.

Esty Bros. have an unusually fine lot of double violets, in the culture of which they are specially successful.

From the big Budlong establishment at Auburn, R. I., some fine Richmond, Killarney, White Killarney and My Maryland are coming at present.

W. N. Craig.

EVANSVILLE, IND.

The Market.

We are having an unusually cold December, while we had an exceptionally warm November. Stock has been plentiful, especially roses, until this cold spell set in, but there is now a scarcity in all lines, with prospects of continuing so; consequently prices are soaring. Plants of all kinds are in fairly good supply and indications are that all will be sold.

Various Notes.

Julius Niednagel & Sons have a large supply of seasonable plants for their Christmas trade. Roses and carnations here are looking well, though they are off crop.

William Blackman Floral Co. has put into service a fine new funeral wagon. It is about twelve feet long and has plate glass windows, 2x6 feet, on each side. It is a new departure for a florist in this city.

Ben Kramer, thinking business was going to be slow for Christmas, took orders for several hundred holly wreaths, and now he is in for it, as he says that indications are for a big trade for the holidays and he will have all he can do. He has laid in a fine stock of plants, especially a fine lot of Boston ferns, and there is a good demand for them.

Otto Kuebler, at Newburg, is growing his azaleas and they are coming just right for Christmas.

Louis Fritsch has opened a store on the west side. He has taken over a half store, and if trade is satisfactory he will enlarge. There seems to be no reason why he should not do well, as this side of town is growing rapidly. So far, his business has been quite satisfactory.

Austin Wallace is having a nice cut of sweet peas.

Nellie Goodge is expecting a large business. Her carnations are in crop and a nice lot of lilies were seen. She has a good supply of plants and Roman hyacinths in plenty. Holly wreaths are a specialty with her.

Royston & Fenton say that calls for roses and carnations are heavy and that they will not have anywhere near enough to go around.

E. L. F.

MILWAUKEE.

The Market.

Business last week was fair, considering that the weather continued severe and that folks do not spend much money for flowers the week before Christmas. The cloudy weather which lasted from November 31 to December 16 has shortened receipts considerably. The last few days of sunshine will help considerably to increase the supply for the holidays. Prospects are that roses will be equal to demand, while in carnations there may

be a shortage. Bouquet green, ground pine and the like are scarce. Holly is equal to demand and of good quality.

Various Notes.

John Bourgaise, of Racine, met with quite a painful accident last week. While unloading a crate of pots he made a false step, thus putting the whole weight on his right leg, breaking it in two places.

There is great rejoicing at the Wm. Manke home in North Milwaukee, not caused by the Christmas man, but by the stork, which left a bouncing boy December 18.

C. C. Pollworth Co. reports being all sold out on Christmas plants by December 19.

The Holton & Hunkel Co. was right in it on Beauties and tea roses for Christmas. They, too, report being cleaned out of pot plants early in the week.

Nic Zweifel says the long dark spell reduced his cut in carnations at least fifty per cent. E. O.

GLEN COVE, N. Y.

The Nassau County Horticultural Society held its regular monthly meeting in Pembroke hall, Wednesday, December 8, with President Everett in the chair. Members turned out in force to elect their officers for the ensuing year. Treasurer E. J. Brown, in submitting his annual report, gave a satisfactory account of the financial standing of the society. Secretary Gaut read a letter from J. F. Huss, one of the judges at the fall show, complimenting the society on the magnificent exhibition held last October.

The points competition ended with P. Ruel well in the lead, with a vase of gardenias which was awarded 91⅔ points. V. Cleres and G. Wilson exhibited Begonia Gloire de Lorraine, which were awarded 89 and 85⅓ respectively. P. Ruel was awarded the gold medal, with an aggregate of 1,054⅓ points; V. Cleres, silver medal, 1,035⅔; and G. Wilson, bronze medal, 1,031⅓. V. Cleres was awarded cultural certificate for vase of carnations. A. Reidenbach, P. Reul, and H. Macdonald were each awarded honorable mention for nice exhibits.

T. B. Bell, P. Somers, H. Macdonald, R. Robinson, R. Cartwright and J. MacIntosh were elected to active membership.

The officers elected for the coming year are: President, James Duthie; vice-president, E. Reidenbach; treasurer, E. J. Brown; recording secretary, J. Ingram; corresponding secretary, Oscar Ador; executive committee, G. Wilson, V. Cleres, J. Everett, E. Barton, H. Gaut, W. Eccles and J. Robinson. J. F. Johnston was elected trustee for three years.

A committee was appointed to make arrangements for the annual dinner and was ordered to report at the next meeting.

A. Mackenzie, J. Holloway and J. Duthie acted as judges at this meeting.
W. H. M.

SPARTA, WIS.—The greenhouses which Z. K. Jewett & Co. have erected during the present year, in place of those partly destroyed by fire, are a marked improvement over the former ones in structure and facilities.

LOS ANGELES, CAL.

(Other Pacific Coast News, pages 48 and 49.)

The heavy frosts have done great injury on low ground. Beans, tomatoes and some other vegetables have suffered even worse than carnations, as the vegetables are killed outright. In the foothills the frost did not do much damage. As such heavy frosts do not occur every year, growers have to take their chances.

Hampton's Cucumber Range.

Duvall Hampton is the only grower of cucumbers under glass in this part of California. The writer paid a visit to his plant, in Hollywood, on Sunday, December 12, and found everything in the most promising condition. He has five houses, 200 feet long, all filled with cucumber plants, with not a sign of disease to be seen. They had just begun to pick, having several boxes ready for market. One variety will run forty-eight to the box; another and larger variety, of his own originating, runs only thirty to the box.

Fruits and vegetables in California are sold by the pound or in standard boxes. Baskets are rarely seen.

Mr. Hampton uses oil for heating, using 10,000 to 15,000 gallons in a season. No heat is necessary through the day, except in rainy weather, as the sun gives sufficient heat.

Mr. Hampton has large lemon and orange groves, which look exceedingly well cared for and are hanging full of fruit.

Various Notes.

Since Sunday funerals have been abolished, Monday always finds all the florists busy with funeral work. At The American Florists', where many designs and bunches were being made up, there was an exceptionally beautiful double spray of violets and maidenhair, tied with gauze of the same shade. It was about four feet in length and 2,700 violets were used in it. A car of eastern holly was seen here. It always brings a good price.

At Wright's Flower Shop a couple of imported holly trees, well berried, added to the attractiveness of the store. Besides other designs, a beautiful wreath of violets and Paper Whites and a large wreath of galax and Beauties were seen.

At The Angelus, among other pieces, a pillow of violets was being made.

The Los Angeles Floral Co., consisting of L. Curtett and J. Guillemot, at 316 West Seventh street, has had an excellent business ever since opening its store in November.

At the Elks' memorial service Sunday, December 12, the Majestic theater was beautifully decorated. The stage was arranged to represent the Elks' lodge room. Palms and white chrysanthemums were used elaborately everywhere, with a hedge of white chrysanthemums in the front of the stage. As the house was darkened a curtain rose, revealing a huge white cross, to which was clinging the white-robed figure of a woman, Miss Stoddard, of the Dramatic School. As the names of the departed members were called, a tiny electric light flashed out, until, when the last of the seventy-nine names had been called, the cross was a blaze of light. Slowly the lights faded away, until there was only the outline of the woman and the cross.

Herbert Lowe, of Long Beach, had the decoration for the Elks' memorial service at that place. The church in which it was held was quite elaborately decorated with potted plants and flowers. A large elk's head, filled with white sweet peas, with a collar of violets outlined by small electric lights, with purple electric lights used for the eyes, was very effective. An illuminated Elks' clock, indicating the eleventh hour, was one of the features. Mr. Lowe has an attractive store on Pine avenue, near the ocean, and does a thriving business. His nurseries are at Alamitos. All of the flowers on his carnation plants in the field were ruined by the frost. Those in the houses are looking well. Mrs. Hatch, his popular saleswoman, is away on a vacation.
S. A. C.

PORTLAND, ORE.

The Market.

Business conditions for the week ending December 18 were exceedingly good. Carnations are of fine quality and realize top prices. Roses are somewhat scarce, the cold, snowy weather retarding the crop, but indications are for a good cut later. Mums are not an overflow; only the choice grades are to be had. Violets are in great demand. Valley is to be had in limited quantities. Callas are coming in slowly and always bring good prices.

Funeral work has been quite brisk, but the scarcity of flowers oftentimes taxes the florist to fill orders, especially the belated out-of-town trade. The advance Christmas orders are encouraging. From indications the cut flower supply will be scarce. Basket arrangements and fancy pottery arrangements are in the show-windows. Holly is a scarcity. Mistletoe is a drug on the market; even the grocery stores are stocked with it.

Various Notes.

Charles Street, of Clackamas, is cutting some choice roses and carnations, which find ready sales on the Portland market.

A call on Rahn & Herbert found everything in readiness for the holiday rush, with a good supply of varied stock on hand, an evidence of a well-managed establishment.

Sibson Rose Nursery reports satisfactory business in cut flowers, as well as in the nursery department. Kate Moulton is extensively grown here, with satisfactory results.

William H. Carr, of Waverley, Mass., called on the trade here this week.

Thomas C. Christensen, of Spokane, spent a few days in our midst, en route to California on a business proposition.
E. R. C.

LILIES FOR EASTER.

Can any of the Easter lilies be forced in a night temperature of 50 degrees, and will they bloom by Easter if planted after this time? E. C.

It is now too late to plant any Easter lilies with any idea of getting them in bloom for Easter, which comes March 27 next year. If you have any bulbs not yet in the soil, better pot them and hold back for Memorial day. Lilies can be flowered successfully in a temperature of 50 degrees. You should allow two full months from the time the buds can be counted if you want them open for Easter. In a house kept about 60 degrees at night, two weeks less would suffice.
C. W.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1909: President, J. A. Valentine, Denver, Colo.; vice-president, E. G. Gillett, Cincinnati, O.; secretary, Willis N. Rudd, Morgan Park, Ill.; treasurer, H. B. Beatty, Pittsburg.

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

RESULTS.
We give them. You get them.
We both have them.

THE severely cold weather has been decidedly unfavorable for the Christmas business.

ONE can ill afford to be careless in making deliveries in zero weather. A little neglect may cause the loss of many days' profits.

"WHEN the days begin to lengthen the cold begins to strengthen," according to the old adage. Well, we hope not this season. Not in many years have the shortest days of the year been so cold as in 1909.

OBITUARY.

Robert Graham.

Robert Graham, of Harrisburg, Pa., died at his home in that city December 14, after a long illness. He was born in Scotland in 1845. At the age of five years he came to this country with his parents, who located in Philadelphia. Twenty-three years later he removed to Harrisburg and engaged in the florists' business at the corner of Cameron and Maclay streets. Eight years ago his health began to fail. He had been bedfast eight weeks.

He left a widow and one daughter, Mrs. Weber, of Hollidaysburg. A brother resides on Seventh street, Harrisburg.

George W. Ostertag.

George W. Ostertag, superintendent of parks at St. Louis, died December 20, after a lingering illness. He was a brother to Henry C. and Fred Ostertag, of Ostertag Bros., and of Miss Mary Ostertag. Mr. Ostertag was at one time connected with the old firm of S. Mount & Co., wholesale florists. He leaves a wife, who is a sister to Miss Theresa Badaracco, well-known St. Louis florist, and four children. His mother also survives. The funeral took place on Wednesday, December 23, from his late residence, 1524 Deer street, to Bellefontaine cemetery. There were many beautiful floral designs sent by his many friends in the trade. The employees of the park department were his pallbearers.

Mrs. Olive Burbank.

Mrs. Olive Burbank, mother of Luther Burbank, died December 16 at the home of her son at Santa Rosa, Cal. She was 96 years of age and a native of Massachusetts.

GLADIOLI IN POOR SOIL.

When the soil is poor and sandy and barnyard manure not to be had, what commercial fertilizer is best to use to obtain good blooms and how should it be applied, below the corms when planted or by later and repeated dressings? Also, H. H. Groff asserts that he gets the best blooms from 5/8-inch to 3/4-inch bulbs. This has not been my experience. How does he do it? M. P.

In reply to the inquiry of M. P., I have had no experience with land so poor and in such a hopeless position, that, though near a town of upwards of 1,000 population, no manure could be had.

I would advise manuring for corn, and planting to gladioli the following season, with an application of hardwood ashes or potato fertilizer on the drills at, or after, planting. If, however, some humus can be obtained from a convenient location, top-dress liberally, work well in, and add fertilizer as above. The preference for the smaller planting sizes is due to the fact that they possess a higher ratio of vitality on approaching maturity than after. This means greater multiplying powers, better adaptability to change of location and, on good soil, satisfactory blooming the first season.

H. H. GROFF.

PATS ON THE BACK.

The value of a newspaper, from an advertiser's standpoint, depends largely on the way that newspaper stands with its readers. The value of the circulation is enhanced in proportion to the interest taken by the readers.

Here is renewal for another year of the best trade paper published.—George Payne, Dover, N. J., December 14, 1909.

I find the Review to be the leading up-to-date journal in its field today.—John G. Gardner, Bryn Mawr, Pa., December 13, 1909.

Enclosed is my dollar for another year of the Review. I will not do without it as long as I am in the business.—William P. Hiegert, Dallas, Tex., December 14, 1909.

I was born and reared in the florists' business and have read all kinds of papers, but the Review has them all heavily handicapped.—W. H. Fisher, Muncie, Ind., December 13, 1909.

Your letter notifying me that my subscription to the Review has expired is received. I am only too glad and anxious to have same renewed, as I think your valuable paper is as necessary for a florist as pots are to grow plants in. Wishing you success and prosperity.—A. L. Miller, Brooklyn, N. Y., December 14.

CHICAGO.

The Great Central Market.

Not only has there been the usual lull which comes before the holidays, but this year this has been accentuated by the extremely cold weather. For nearly a fortnight now the temperature has been far below normal, from 10 to 20 degrees colder than it should be. Zero weather always is a handicap to the flower business and, coming at this time, it seems to have been felt more keenly than usual. Of course there have been extremely light supplies of stock, but the demand has been so limited that the advance to Christmas prices was longer delayed than it should have been and when prices did go up it was with a jerk that added to the difficulties of both wholesalers and retailers.

Early this week supplies were considerably increased, a day or two of bright weather having helped some, but principally because the growers were afraid to hold the stock longer, it being customary for the Christmas prices to be in effect by December 20. When a grower frankly stated that his consignment early in the week was hardly shipping stock, he did not realize how he put the wholesaler up against it. There was no city trade; no demand for stock for immediate use. If the stock could not be shipped or kept, what could be

NEW YEAR'S

Time to Turn Over a New Leaf if You Haven't Bought of Us

We had an extremely heavy business for Christmas from those who had tried our

KILLARNEY

and RICHMOND

These are in full crop and we can supply as fine stock as this market ever saw, in quantity, for New Year's and for weeks to come. In fact, we never have been so well fixed to fill all orders as we shall be this January—though roses usually are scarce in the first month of the year. You can count on us—splendid stock and lots of it. A large supply of the "Extra Special" grade—not high in price, quality considered.

Beauties

Our Beauties are in steady crop—fine stock, mostly medium to long. Use these for your New Year's orders. Your customers will like them.

Carnations

We have an extra heavy cut of Carnations and the quality is right up to top notch—no danger of not getting your order filled if you send it to us.

Our Carnations are widely known as always the most uniformly high grade large lot on the Chicago Market.

Violets

We handle the cream of the Hudson River Violets and our supply is larger than ever before. Also the finest fragrant home-grown Singles. Buyers who want to make sure of getting the best Violets obtainable should send their orders to us.

Miscellaneous Stock

Don't overlook the other items you need for your boxes—Stevia, Paper Whites, Romans, Sweet Peas, Valley, Lilies, Trumpet Narcissi, Bouvardia—we have them all in quantity. We can supply everything you need.

Fancy Valley Always on Hand

New Year's Price List

AMERICAN BEAUTY	Per doz.
Long stems	$8.00
Stems 24 to 30 inches	$5.00 to 6.00
Stems 15 to 20 inches	3.00 to 4.00
Stems 12 inches	2.00
	Per 100
Killarney, special	$25.00
" select	$15.00 to 20.00
" seconds	8.00 to 12.00
Richmond, special	25.00
" select	15.00 to 20.00
" seconds	8.00 to 12.00
Maid and Bride, special	15.00 to 20.00
" " select	12.00
" " seconds	8.00 to 10.00
Mrs. Field	6.00 to 20.00
My Maryland	6.00 to 25.00
"Extra Special" grades charged accordingly	

CARNATIONS	
Common	3.00 to 4.00
Select, large and fancy	5.00 to 6.00

MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	1.50 to 2.00
" " single	1.50 to 2.00
Poinsettias, doz., $2.00 to $4.00	
Bouvardia, fancy	4.00 to 6.00
" short	3.00 to 4.00
Sweet Peas, fancy	1.50 to 2.00
Valley	4.00 to 5.00
Easter Lilies, per doz., $2.50	20.00
Callas, " 2.00	
Stevia	1.50 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Narcissus Trumpet Major	5.00

DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri, per 100	2.00 to 6.00
Adiantum, "	1.00 to 1.25
Farleyense, "	10.00 to 12.00
Smilax, per doz., $1.50	12.00
Ferns, per 1000, 2.00	.25
Galax, bronze, " 1.00	.15
" green, " 1.00	.15
Leucothoe	.75
Boxwood, 35c bunch; $7.50 case	
Mexican Ivy, per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

DON'T MISS SALES

at New Year's and in January—because your Supplies have run out.

GO OVER YOUR STOCK AT ONCE

See what you have sold down too close on during the Christmas rush—and **send us an order,** so you will have everything you need for the good trade that is coming these next weeks.

We have a complete line of all Staple and Fancy Articles

and can ship at once. How about the Violet Boxes, the Ribbons and a dozen other items you need every day? Replenish today.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

done with it? Everybody buying locally was looking forward to Christmas, looking for bargains in stock that would last till Sunday. Long distance shipping began Monday and was quite heavy Tuesday, but the stock that was not good enough to ship could not command much money the first of this week. The growers who expected it to realize Christmas prices will be much disappointed.

This issue of the REVIEW goes to press right in the rush of the Christmas business, too late to speak of the prospects and too early to tell anything of the outcome. It appears certain, however, that the demand will at least equal the supply of good stock. There may be white carnations, sleepy carnations and blue Beauties that do not find a satisfactory sale, but the way the orders poured in at the beginning of the week gives the impression that the wholesalers all are pretty well booked up and may be compelled to cut early orders and refuse late ones altogether. Indeed, as early as Monday some houses were rejecting good orders tendered them. The long continued dark, cold weather has reduced the supply, but a greater factor than the reduction of the local crop is that it has cut down production all over the middle west. The result is that buyers through the country, who had counted on having a pretty good supply of their own, suddenly awakened to the fact that their cut would not be anywhere near so large as they had expected. Consequently they began pouring orders in on this market, large orders, and many of them, calling for roses in thousand lots.

Early in the week the wholesalers were almost unanimous in the belief that every rose was sold. Some said they would have enough of the extra special grade so that they could take further orders, but others said they had more orders in proportion for the long stock than for the lower grades. Christmas is a season which naturally calls for the best. Stock which might do at Memorial day simply cannot be used at Christmas.

The prospect for a stiff market on roses, with a fairly large supply of carnations, has turned many buyers to the latter. Some large orders have been booked at a shade below the best prices, but for the present prices are firm. The probable supply of violets also is booked up.

The consensus of opinion in the market early this week was that the week will close with prices on the up grade, instead of on the down grade as usually is the case at a holiday. But you never can tell. Often it is the reverse of what everybody expects, and the bright sun of the last few days has brought in a lot of flowers.

Valley is again on the short side and Easter lilies hard to find. Poinsettias are abundant. Single daffodils are in. Boxwood, recently received in large quantity, has turned out to be of poor quality, so poor in some cases that no buyer will touch it. Good boxwood is scarce. As first-class holly is hard to find and high in price, boxwood and red berries are being used for Christmas wreaths in greater quantity than ever before, so good boxwood is firm in price.

Various Notes.

Considerable stock was frozen during the zero weather last week; not only cut stock on the way to the wholesalers, but Christmas plants on the way to the retailers. The growers seem to be the careless ones, for none of the stock shipped out by the wholesalers was reported lost and the retailers took good care to see that wagons were warmed and deliveries sufficiently protected.

Holly took an advance the latter part of last week, $6 being asked for anything good enough for first-class store trade, and $7 for extra good cases. Bouquet green continues scarce, but the market has quieted down. As soon as the average buyer comes to understand that green will cost $10 to $12 per case he loses interest—uses something else or goes without.

George Wienhoeber says that the Fleischman Floral Co. has ordered 75,000 violets for delivery in two days this week and that he does not think even this quantity will suffice for the Christmas demand. Hardly any of their orders for violets call for less than 100 and many are for 300 or 400 to a box.

George W. Sykes, Chicago representative of Lord & Burnham Co., says that while things are quiet just now in the greenhouse building line, he looks for 1910 to be an excellent year. He has booked some good contracts since establishing the Chicago branch. His son is in the office with him.

John Degnan has turned decorator, his specialty being the embellishment of the baby Christmas trees Winterson's Seed Store is selling in such numbers. Mr. Degnan puts these in the bird's-nest twig baskets and other appropriate receptacles and decorates them with many little bows of holly-red baby ribbon, pine cones, tiny candles, etc. So dressed up, the trees are ready sellers at fine prices.

E. Wienhoeber says the severe cold has been a great handicap on business—it has reduced supply, rendered delivery difficult and shut off Christmas shoppers. Most of Mr. Wienhoeber's customers shop in their carriages or autos, so if the cold keeps them indoors one can imagine what it does to the florists who have less wealthy patrons. At the same time, the Wienhoeber staff has been exceedingly busy with decorations, debutante affairs, etc.

Clarence W. Marks, shoemaker, racing man and patron of floriculture, who was known to a large number of florists, died

Aphine

The new insecticide discovery that kills plant lice of every species.

Effective Indoors and Outdoors

Send for Descriptive Circular

GEORGE E. TALMADGE, Inc.

Madison, N. J.

Mention The Review when you write.

Fancy Flowers in Good Supply

For the busy Holiday week—Christmas to New Year's.

Beauties, Killarney, Richmond, Carnations, Violets, Stevia, Sweet Peas.

We Never Handled Better FANCY VALLEY, YOU'LL SAY THE SAME.

It takes good stock to meet the needs of the Holiday week trade—we have the quality that you are looking for—send along your orders. Prices always right.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

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CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS

Carnations, common..... $6.00 per 100
Carnations, fancy..... 8.00

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Holly, per crate, $4.00.
Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00.
Fancy Eastern Cut Ferns, per 1000, $1.50; 5000, $6.25.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist
311 MAIN STREET, Phone M-980 CINCINNATI, OHIO

Mention The Review when you write.

Winterson's Seed Store

45-47-49 Wabash Ave., Long Distance Phone Central 6004 **CHICAGO**

Plantsmen, Nurserymen, Seedsmen and Florists' Supplies

We can supply everything the Florist Uses **Catalogue Free**

in an elevated train December 18, of heart disease. Mr. Marks owned the building on Washington street occupied for some years by the A. L. Randall Co., and at one time he was a familiar figure in the wholesale section. It always was next to impossible for Mr. Marks to pass a flower store without going in to buy some of the things he saw in the window. These he sent to his friends, who were a legion. A few years ago it is probable he bought more flowers than any other person not a florist in Chicago.

Harry Rowe received a shipment from H. D. Darlington, Flushing, N. Y., December 18, some beautiful plants of heather that were frozen stiff. Zero weather has played havoc with many a plant shipment this Christmas.

Leonard Kill is planning to leave early in January, with his family, to spend the winter in southern California. The Kill family and the family of Frank Chance, of baseball fame, are neighbors and close friends. Mr. Chance has an orange grove near Los Angeles and he has secured for Mr. Kill a cottage adjoining his own.

W. E. Lynch reports that E. H. Hunt made a shipment Monday, December 20, of cut flowers to be used Christmas day at Medicine Hat, Canada, which is popularly supposed to be where the cold weather comes from. The town is in the province of Assiniboia, about 600 miles west of Winnipeg, on the Canadian Pacific. It takes four days to get there and cut flowers going into Canada have to pay twenty-five per cent duty on Chicago Christmas prices.

F. C. Hoerber, who resides at the Des Plaines establishment of Hoerber Bros., says that their well is now down 300 feet, and still in shale, with no sign of water. An 8-inch hole with a 7-inch pipe has been put down. If water is not reached within the next few days work will be abandoned until spring. The Des Plaines city water has been used thus far. It now has been definitely decided to double the glass area next spring.

C. W. McKellar has been handling his usual lot of cyclamens for Christmas and says the grower has stock to keep him selling all through January.

T. C. Yarnall joined the J. B. Deamud Co. December 20.

E. E. Pieser, of Kennicott Bros. Co., early this week said he was looking for this to be the shortest Christmas this market has known in twenty-five years.

Ned Washburn has been on the sick list for several days.

Somewhere among an accumulation of 500 cars of coal on the tracks of the Chicago, Milwaukee & St. Paul railroad, N. C. Moore & Co. have had a number of cars of fuel, but that has not relieved their anxiety as the coal pile at the greenhouses has shrunk. The railroad would not bestir itself to find their cars for them.

Kyle & Foerster have gone into the plant business for Christmas, handling poinsettias in pans.

December 17 A. L. Randall had a narrow escape from a serious accident. The pike pole used for handling empty boxes stored in the shipping department fell as Mr. Randall was passing and the sharp point cut a gash of several inches in his cheek.

N. J. Wietor says that Wietor Bros. have a large quantity of cuttings in the sand. They are propagating heavily on Killarney, White Killarney, Jardine and Beauty. They look for a specially heavy call for White Killarney and Jardine. Bride and Maid are now in fine shape with them and decline to take a back seat for any of the new sorts.

E. C. Amling predicts a good market for roses in January; he says crops are on the down grade with most of the largest growers.

Poehlmann Bros. Co. has a switch to



Mission No. 1.

Florists' Baskets

Our aim is Artistic Baskets; that is what makes them appeal to discriminating people. Every basket is made by hand, and finished as if our whole reputation depended upon that particular basket. Madison Basketcraft Co.'s baskets are designed for use as well as beauty. They are practical, indestructible, made of willow in odd and artistic shapes, and colored in various delicate tones. Greens, gun metal and browns are the best colors.

PRICES TO THE TRADE

Diameter Outside	MISSION No. 1 Opening	Each	Diameter Outside	MISSION No. 1 Opening	Each
10-inch	8-inch	$1.25	15-inch	11-inch	$2.50
12-inch	9-inch	1.75	18-inch	13-inch	3.00
13-inch	10-inch	2.00	21-inch	15-inch	3.50

We sell nothing but Baskets. Make two hundred different shapes. Send in a trial order. Any that do not please, you may return.

YOUR ORDER NOW—PLEASE

MADISON BASKETCRAFT CO.

MADISON, OHIO

Let us send you illustrated catalogue with prices.

Mention The Review when you write.

Plant A, but still has to team fuel to Plant B. It has kept them busy these zero days.

Aloys Frey was in from Crown Point December 21. He says there is plenty of work for the smaller growers these days.

L. H. Thurston, of the Central Michigan Nursery, Kalamazoo, was in town last week. The concern has a large retail cut flower business and recently was burned out, losing all its Christmas supplies. Mr. Thurston was restocking in this market. D. J. Murphy, of Manistee, was another of last week's visitors.

Among those met in the market this week were Frank A. Volz, Cincinnati; Andrew Peterson, Hoopeston, Ill.; Edward Amerpohl, Janesville, Wis.

Bowling.

In the series of games played December 16 the Violets gained one game the lead in the Florists' League. It has been determined to enter a team representing the Florists' League in the city tournament, which begins December 27 and will continue for two or three weeks. The team will consist of John Zech, Allie Zech, E. F. Winterson, George Asmus and Frank Ayers. Mr. Winterson and Allie Zech also will enter in the doubles, and they both will roll in the singles. There will be no bowling this week. The scores December 16 were:

Carnations.	1st	2d	3d	Orchids.	1st	2d	3d
Ayers	142	166	146	Huebner	159	152	167
Winterson	152	116	119	Graff	161	121	164
Krauss	103	86	118	Asmus	114	143	175
Farley	183	111	107	Vogel	131	135	105
A. Zech.	144	143	156	J. Zech.	147	158	188
Total	724	622	645	Total	712	709	799
Violets.	**1st**	**2d**	**3d**	**Roses.**	**1st**	**2d**	**3d**
Johnson	169	134	172	Fischer	170	134	143
Lorman	143	106	110	Byers	158	124	146
Lieberman	169	173	115	Pieser	101	105	131
Kruchten	127	149	133	Skafgard	104	144	151
Yarnall	134	173	173	Wolf	158	129	181
Total	742	735	703	Total	691	636	752

DAYTON, OHIO.

The Market.

We have but a fair report to give on the condition of trade in the last two weeks, as there has not been much doing, either among the wholesalers or the retailers. Funeral orders were few and far between. While there was not an overabundance of stock, there was more than enough to supply the demand.

The Indian summer ended shortly after the beginning of this month, and since then dull weather has prevailed, with a light fall of snow or rain occasionally. Dayton, as yet, has not had more than a week of winter, and the mercury has not yet reached the zero mark. The dull weather, however, is telling on stock, as the cuts are much reduced. Such seems to be the case generally at holiday times, when there is a great demand. At the same time there are plenty of buds, and with a few warm, sunny days to coax them, a great difference in the supply would be noticed. Scarce as stock may be, the quality could not be better, with the following varieties to select from: Roses of all kinds, carnations, lilies, valley, narcissi, Romans, violets, poinsettias and all kinds of Christmas greens.

Prices this year are apparently not

WESTERN

Chas. W. McKellar

ORCHIDS

51 Wabash Avenue, CHICAGO

Headquarters

New Year's Price List

ORCHIDS—Cattleyas, lavender	Per doz.,	$9.00 to	$12.00
Dendrobium Formosum, white,	"	5.00 to	6.00
Vanda Cœrulea, white, tinted blue.	Per doz.,	3.00 to	4.00
Cypripediums, green	"	2.00 to	2.50
Oncidium Tigrinum, yellow	Per 100,		10.00
Assorted, selected flowers	Per box,	5.00 to	25.00
Gardenias	Per doz.,	5.00 to	9.00
AMERICAN BEAUTY—Specials	"		10.00
30 to 36-in	"	6.00 to	8.00
20 to 24-in	"	4.00 to	5.00
15 to 18-in	"	2.00 to	3.00
Shorter	"	1.00 to	1.50
Killarney, special	Per 100,		15.00
" select	"	10.00 to	12.00
" seconds	"	5.00 to	8.00
My Maryland, special	"		15.00
" select	"	10.00 to	12.00
" seconds	"	5.00 to	8.00
Richmond, special	"		5.00
" select	"	10.00 to	12.00
" seconds	"	5.00 to	8.00
Mrs. Field	"	5.00 to	15.00
Bridesmaid	"	5.00 to	12.00
Bride	"	5.00 to	12.00
ROSES, our selection, mixed	"		4.00
CARNATIONS			
Select	Per 100,	$3.00 to	$ 4.00
Fancy	"	5.00 to	6.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,		1.50
" single	"		1.50
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00	"	15.00
Sweet Peas	"	1.00 to	1.50
Bouvardia	"	5.00 to	8.00
Paper Whites and Romans	"	3.00 to	4.00
Stevia	"	1.50 to	2.00
Poinsettias	per doz., $2.00 to $3.00		
Mignonette	"	4.00 to	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
"	Per bunch,	.35 to	.75
" Sprengeri	Per 100,	2.00 to	6.00
Adiantum	"	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50 to $2.00	"	
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.25
" " " "	Case 10,000,		10.00
Leucothoe	Per 100,		.75
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

New Cut Flowers Year's

NEW YEAR'S PRICE LIST Subject to change without notice

AMERICAN BEAUTIES	Per doz.
36-inch	$10.00
30-inch	8.00
24-inch	6.00
20-inch	4.00
18-inch	3.00
15-inch	2.00
12-inch	1.50
Short stem	1.00

Roses	Per 100
CARDINAL, extra long	4.00
Long	3.00
Medium	2.00
Short	1.50
MAID and BRIDE, select	$15.00
Long	12.00
Medium	$ 8.00 to 10.00
RICHMOND, extra select	25.00
Select	18.00 to 20.00
Medium	12.00 to 15.00
Good short	8.00 to 10.00
KILLARNEY, extra select	25.00
Select	18.00 to 20.00
Medium	12.00 to 15.00
Good short	8.00 to 10.00
MY MARYLAND, extra select	25.00
Select	18.00 to 20.00
Medium	12.00 to 15.00
Good short	8.00 to 10.00
WHITE KILLARNEY, extra select	25.00
Select	18.00 to 20.00
Medium	12.00 to 15.00
Good short	8.00 to 10.00

Roses	Per 100
PERLE, select, long	$12.00 to $15.00
Medium	8.00 to 10.00
GOOD SHORT STEM ROSES	
Our selection	6.00

Our Extra special grade of Beauties and Roses charged accordingly.

	Per 100
CARNATIONS, extra fancy	$ 6.00
" 1st quality	4.00
" splits	2.00
ORCHIDS, Cattleyas..per doz., $9.00-$12.00	
POINSETTIAS....per doz., $3.00 to 5.00	
HARRISII	20.00
NARCISSUS PAPER WHITE	$3.00 to 4.00
ROMANS	3.00 to 4.00
VALLEY	4.00 to 5.00
VIOLETS	1.50 to 2.00
MIGNONETTE, large spikes	6.00 to 8.00
STEVIA	1.50 to 2.00
ADIANTUM	1.00 to 1.50
ADIANTUM CROWEANUM, fancy	2.00
SMILAX.....per doz., $2.00	
SPRENGERI, PLUMOSUS SPRAYS	3.00 to 4.00
PLUMOSUS STRINGS.....each, 60c	
FERNS.....per 1000, $2.00	
GALAX..... " 1.00	
LEUCOTHOE	.75
CHRYSANTHEMUM MERRY XMAS per doz.....$2.00 to $3.00	
BOXWOOD..35c bunch; case, 50 lbs., 7.50	

Watch this space next week for Price List for first week of the New Year—advance copies will be mailed to any who inquire. Our prices NEVER are higher than others charge, if they have as good a grade of stock.

Mention The Review when you write.

any higher than in previous seasons, but judging from the way orders are rolling in, the trade will be glad to pay almost any price for stock.

In the last two or three days the weather has brightened up and the sun has put in his appearance. This makes not only the grower but everybody feel good.

Various Notes.

Mrs. Bertha Hendrichs is suffering a great deal with some sort of blood poisoning in her face.

The Miami Floral Co. is cutting some extra fine Brides, Maids and Rhea Reids for the holiday trade. Their new carnation, Miami Queen, also takes well for Christmas orders.

Miss Katheryne Young, who has been quite ill with quinsy for the last two weeks, is able to be out again.

Recent visitors were: W. A. Sterling, of Stumpp & Walter Co., and George Huscroft, of William Hagemann & Co., New York; B. P. Wise, of the Camp Conduit Co., Cleveland, O.; Mr. Morehead, of Detroit, Mich.; Mr. Goe, Urbana, O., and Elston Helwig, Marion, O.

R. A. B.

NEW BERLIN, N. Y.—W. A. Lull, of Lull & Pardee, has been having a hard pull with rheumatism. He says he has a complete file of the REVIEW from the first number.

Niessen's News Column

The season so far shows a marked improvement over the last—partly due, no doubt, to the general increased prosperity. We feel, however, that we may claim a share of the credit for the increased business that we have experienced. Every year with us has been a step forward, and our business today is of such a volume, that we may be justly proud of our success.

THERE IS A REASON.

Had we not gained the confidence of our growers and customers, success would have been impossible. The policy we have adhered to in the past will be our motto for the future, ever watchful to improve our system and our service. This is not a New Year's resolution, but one we will have constantly in mind, every day in the year.

We thank you all for your generous support, and wish you a liberal share of the country's prosperity.

FOR

New Year's Day

and the week following, we are offering a splendid stock of

BEAUTIES
RICHMONDS
PINK AND WHITE
KILLARNEY

all of excellent quality. Particularly in Pink Killarney we can do well for you. You will find these in color and size of bud the best in the market.

Poinsettias

$3.00 and $4.00 per doz.

Gardenias

$5.00 and $6.00 per doz.

Double Violets

The Lady Campbell variety is not losing favor with the trade. You will not find a better quality anywhere.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

Holiday Flowers

THERE IS PLENTY OF GOOD MATERIAL IN THE MARKET THIS SEASON; WE CAN FILL YOUR HOLIDAY ORDERS IN GREAT SHAPE ::

Fine Carnations

Double and Fancy Single Violets

Choice Roses, pink, white and red

Easter Lilies in quantity, unusually fine stock

Selected Holly and Wild Smilax for the decorator

WE WISH ALL OUR FRIENDS THE COMPLIMENTS OF THE SEASON :: ::

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The week ending December 22 has seen excellent business and much preparation. The severe cold has given tone to the market, while traffic has not been seriously impeded by rain or snow. Quality has improved; prices have advanced on all varieties of flowers. Carnations are showing encouraging activity, in marked contrast to the week preceding Christmas a year ago. The flowers that have reached the city during the current week have realized figures gratifyingly close to the high-water mark, to say nothing of the immense gain sure to be derived from satisfied customers.

Beauties are the strong feature of the rose market. Prices have held firmly, a good demand easily carrying off the moderate supply. The scarcity of white and the abundance of pink roses divide the prices realized by the same grades of these colors. Red is in demand. Violets are not abundant, as usual when it is so cold. Poinsettias are bringing good prices, influenced by moderate offerings. Orchids are in active request, with plenty of cattleyas and cypripediums to draw upon. The few callas coming in are eagerly sought. Trumpet Major has made its appearance. The chrysanthemum rear guard, Jones and Nonin, are generally going as substitutes for something else.

Greens are in demand, especially Asparagus plumosus, with some Farleyense and fancy ferns in choice orders. Christmas greens have had a great season; immense quantities of all kinds have been marketed. Holly was a prime favorite, loose and in wreaths.

A glance over the situation just before the rush commences may be of interest. The crops of cut flowers promise to be the largest ever harvested at Christmas in this city. The orders received from outside cities and towns are generally larger than a year ago, despite the wonderful business done in blooming plants. While it is improbable that prices will soar, except on fancy grades of certain varieties, good value for all clean, fresh flowers seems assured. Scarlet carnations will, as usual, be scarce. There will be good crops of Richmond and fair crops of Beauties. Poinsettia will not last, should the buying be heavy. The long grade of Killarney seems more in evidence than the mediums and good shorts. There will be ample material for cheap work, such as white chrysanthemums, Paper Whites, Romans, stevia and poor roses.

From Federal to Municipal.

The twenty specimen plants transferred from the federal government to Horticultural hall, Fairmount park, have been in their new quarters for several weeks. A few old-timers were removed to make room for the new-comers, but the change is scarcely noted except by the initiated. Xavia D. Schmidt, superintendent, said that the most valuable plant in the newly acquired collection is a specimen Latania Commersonii, formerly Latania rubra; it stands twenty-five feet high and weighs nearly two tons. This plant was lifted from the ground so skillfully that despite its immense size it seems probable it will thrive, losing only a couple of leaves in the transplanting. This latania is believed to be the finest specimen of its kind in the country. It is now planted at the west end of the main hall near the office of the landscape gardener.

Commenting on the progress of the work in and about Horticultural hall, Mr. Schmidt said the popular interest had been increased by the effective chrysanthemum shows given each year and by the variety and beauty of the plants and flowers in the collection, which was much more varied than of old, popular flowers that appeal to the masses being cultivated as well as rare specimens appreciated only by botanists and men of science.

Various Notes.

Most of the members of the Florists' Club attended the funeral of William K. Harris, from his late residence, 4703 Chester avenue, West Philadelphia, on the afternoon of December 16, as a last

NEW YEAR

P/M QUALITY

Each year, more entertaining at New Year's means more and better business, and this year will find us in splendid shape to care for our patrons. Quality the usual P/M Standard.

Prices on Roses, Carnations, etc., about 25% less than Christmas. Greens and other staples about the same.

Will be strong on Valley, Gardenias, Beauties, Killarneys, Marylands and Carnations.

Gardenias, first .....$4.00 per doz.
" fancy ..... 5.00 per doz.
" special ..... 6.00 per doz.

Open 7 a. m., close 6 p. m. Not open for business on Sundays. Not responsible for flowers after delivery to express company.

S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street, PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

tribute of respect to their friend. Many beautiful floral offerings were seen there.

H. Bayersdorfer & Co. have a fine new wagon on the street—three in all now.

Deutsche Perle azaleas trimmed with scarlet ribbon are one of Fred Berger's telling Christmas specialties.

M. Rice says that the present season has been the busiest in the history of his house.

The Andorra Nurseries completed a large planting contract for deciduous trees in the suburbs of this city December 18. J. H. Humphreys believes that winter planted trees and shrubs, not evergreens, are apt to do even better than spring planted stock when the work is properly done. .

John Lucas & Co. say that the increased price of raw material will necessitate an advance in the price of high grade greenhouse paint.

Louis Berger has taken charge of the greenhouses of S. & H. Mergenthaler, formerly rented by the William Graham Floral Co., on East Washington Lane, Germantown.

Victor Groshens, of Glenside, Pa., has planted the iron posts for another greenhouse, 29x500 feet, connected by iron gutter with the three long houses in his present range.

B. Eschner, of M. Rice & Co., says that the rainfall in Jamaica was so extraordinarily heavy as to be almost past belief. The rain and storms somewhat marred Mr. Eschner's trip.

Robert Craig says that this is the banner Christmas for flowering plants; all records have been surpassed.

Myers & Samtman, Wyndmoor, Pa., will cut something like 15,000 Beauties in the fortnight preceding Christmas. Their houses of My Maryland are attracting much attention, the plants being in heavy crop.

John Savage, Gwynedd, Pa., has been cutting well from his exclusive specialty, pink snapdragon.

Paul Berkowitz, of H. Bayersdorfer & Co., reports a phenomenal business season, the largest in the history of his house. A new steamer is in this week with heavy shipments of holiday goods. Many of them will go out the moment they arrive. PHIL.

GRAND RAPIDS.

The weather is cold and sleighing is good, making it an ideal, old-time Christmas. The snowy, cloudy weather we are still having is telling on the quantity of flowers cut. Ten days ago it looked as though there would even be plenty of carnations for Christmas, but now a scarcity is assured, and when it comes to red there will not be nearly enough for local wants, to say nothing of what will be required to fill shipping orders. Roses are apparently in fair supply, unless it be red and Beauties, which are always scarce.

For the first time in several years poinsettias will be scarce, while azaleas will be plentiful. There will be plenty of fine cyclamens. Bulb stock, such as valley, Paper Whites, Romans, etc., are shown in abundance. As for holly and greens, they are in evidence everywhere and continue as popular as ever.

Eli Cross has rented an adjoining store and uses it for the sale of palms, ferns and potted plants.

Henry Smith has the largest quantity of azaleas, while the Grand Rapids Floral Co. and Crabb & Hunter are the only ones who got their poinsettias in on time.

Madge Dolan, of the Pantling, had a nice banquet December 18, given by the commercial travelers stopping at that popular hostelry, at which the decorations were all red roses and red carnations.

G. F. C.

NEW YORK.

The Market.

Christmas week opened clear and cold, with the prospect of moderating as the great holiday of the year approaches, making plant deliveries safe. Even as early as Monday, December 20, supplies were decreasing and higher prices were quoted, with a light demand. The plant industry, however, was booming and everyone who grows first-class stock of any kind in flowering plants is now on velvet, for there is little left unclaimed. What the local trade has not absorbed has gone on its mission of Christmas cheer to every part of the country. The present outlook is favorable for the greatest Christmas ever known in New York.

Beauties sold at 60 cents Saturday, December 18, with the tendency upward; 75 cents to $1 is a safe prediction for the best for Christmas. Other roses hold firm, but no abnormal prices are possible. Carnations are firm and as high as 10 cents is asked for the best. This will likely be top for the week, as the supply will grow in volume as the week advances. The old evil of holding

Good Wishes and Greetings

We wish to extend to all our patrons and friends

A Merry Christmas and A Happy New Year

for their generous support during the season of 1909, which has been so prosperous for all of us. With a continuance of your favor, a still larger business will be enjoyed by all of us during the coming season.

With every good wish, we remain faithfully yours,

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

back the regular daily shipments is already evident, and the usual flood at the last seems inevitable. There will be few chrysanthemums and these are already sold. The orchid supply is large and varied and prices will hold easily until after the holidays. Lilies, valley and all bulbous stock are bringing top prices.

Apart from the shortage in bouquet green, the green goods men are jubilant. Day and night the making of wreaths and roping goes on, with large forces of extra men. Holly, when good, sells rapidly at $4 to $5 a case. The price of bouquet green is 12 cents at present and 15 cents may be obtained before the week is over. There are millions of Christmas trees. Every grocer and butcher has a hand in their distribution. Florists now handle only the selected stock. The small, bushy evergreens in pots and baskets sell fast.

Various Notes.

M. C. Ebel, treasurer of the Aphine Co., of Madison, has been greatly encouraged by the results of the demonstration made last week in New York and to be repeated shortly in Boston.

The next meeting of the Florists' Club will take place January 10. It will be inauguration night and the new officers will orate and the plans of the new president will be elaborated.

The debutante receptions have been numerous this month and some large weddings and banquets have given the retail florists general encouragement. The openings of new plays at the theaters, averaging one a night of late, have also added to the responsibilities of the big stores in the theater zone.

Hunt's poinsettias from Staten Island are handled by J. K. Allen.

The greenhouse builders are all cheerful as to the prospect for business in 1910.

The banquet and ball season is close at hand. The Greek ball January 17 will be a gorgeous affair if it is at all like its predecessors.

Frank Good, with John King Duer, of Madison avenue, goes to Buffalo January 1 to join the force of S. A. Anderson.

The fourteenth annual smoker of the Madison Florists' Club will be held Wednesday, January 12. This is always a warm evening in New Jersey.

Last week, down on lower Fifth avenue, Wernz & Koehne took charge of the Grace church and house decorations for the Whitridge-Greenough wedding, and December 29 have the Gourd-Milhan wedding, an elaborate one, at St. Patrick's cathedral.

Kessler Bros., were practically sold out of plants December 18.

W. Elliott & Sons are making extensive improvements in their store and already planning for the spring auction trade.

The Cleary Horticultural Co. has a large stock of trees, plants, evergreens and holly for Christmas.

The Stumpp & Walter Co. maintains a unique decoration, both inside and out, at the big store on Barclay street, with Christmas bells, holly trees and Japanese novelties.

O. V. Zangen, Hoboken, is well pleased with his wholesale cut flower branch on West Twenty-eighth street and its progress during the last year.

Russin & Hanfling say they have had their most successful year.

Walter Sheridan is celebrating his twenty-seventh Christmas in the wholesale cut flower business.

G. E. Bradshaw is receiving large shipments of asparagus from the south.

The Cut Flower Exchange manager and his assistants have arranged for the yearly turkey raffle December 23. Two fine birds will reward the lucky speculators.

Gunther Bros. have had a successful year in their new store and are handling violets as extensively as in the old days of the nineties on West Twenty-ninth street.

John P. Scherer, of Scherer & Co., was out of the city for two months this fall, with a force of men, collecting ferns, hemlock, laurel and evergreens for his new store at 106 West Twenty-sixth street.

The Manhattan Flower Market is sending out its usual novelties in calendars.

Siebrecht & Son are cutting large quantities of Cattleya labiata.

Mrs. Sarah J. Burnham, mother of W. W. Burnham, formerly with Bloomingdale Bros., New York, died December 17. Mrs. Burnham was the owner of a flower establishment in Harlem some



If you want the utmost Ribbon value for your money, The Pine Tree Brand Ribbons are the needed qualities.

Rich lusters, all silk Ribbons, made in florist shades, and narrow, medium and wide widths.
You buy them
DIRECT FROM THE MILL
at lowest prices.
Start the New Year by writing for samples.

The Pine Tree Silk Mills Company
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806-808-810 ARCH STREET

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KENNICOTT BROS. CO.

WHOLESALE FLORISTS

48-50 Wabash Ave.

CHICAGO, ILL.

LONG DISTANCE TELEPHONE, CENTRAL 466

We can supply absolutely everything that is to be had in the Chicago market ---and often we can supply when stock is to be had nowhere else.

There is a saying among the Florists of Chicago and the West:— "When you are stuck, go to Kennicott's; you can get it there."

We sell at wholesale only and—all stock is billed at Chicago market rates day of shipment

Send Your New Year's Order Here

Mention The Review when you write.

years ago and was highly esteemed by all who knew her.

Joseph Supplee is now with John S. Nicholas, of East Forty-second street, after several years in the same service some time ago. The Nicholas store is one of the best in this busy part of the city and the proprietor is a stickler for first-class goods and Fifth avenue prices.

Alex. McConnell has added a branch store to his holiday conveniences. Charles Thorley has taken one on the corner of Forty-eighth street and Fifth avenue, and Thomas Young, Jr., has rented part of the Fleischman basement for the Christmas overflow.

Bowling.

The New York Florists' Club's turkey contest, December 15, was a success and the Astorias carried off all three birds, much to the delight of the generous New Yorkers, who would not roll up to their records against their genial guests. John Miesem won the high score turkey with 199; John Donaldson, the high average in two games, 182; and Robert Berry by one pin from Jacobson, Einsman and Shaw, the ninety-nine score contest. The scores of two of the games were as follows:

Player.	1st	2d
Donaldson	178	186
Miesem	172	199
Siebrecht	143	137
Manda	172	127
McArdle	126	129
Jacobson	164	133
Shaw	116	144
Einsman	142	148
Berry	135	169
Scott	125	139
Faulkner	137	108

The Astorias held their Christmas turkey contest Tuesday, December 21. Last week the Astoria record was as follows:

Player.	1st	2d	3d	4th
Siebrecht, Sr.	159	135	162	138
Donaldson, Sr.	157	186	144	179
Miesem	157	198	172	145
Einsman	175	146	145	161
Lorenz	164	142	148	156
Jacobson	126	154	153	114
Doerhoefer	144	136	144	134
Siebrecht, Jr.	153	162	134	130
Arnold	117	135	124	190
Siebrecht, H.	133	110	126	126
Bleckwen	126	133	156	135
Boese	103	103	127	108
Donaldson, Jr.	148	200	160	171

J. AUSTIN SHAW.

ST. LOUIS.

The Market.

All we can say for the business of last week is that it was fair. It was about as it usually is at this time of the year, just before the holidays. Of course we are all looking for this week to be exceedingly busy. The weather has been clear and cold and no doubt there will be plenty of cut stock for the Christmas demand. Blooming plants will have a big call and a great deal of the stock of the west end florists days ago was marked sold.

The market was weak Monday morning, December 20, and it was beginning to look as though the shippers were holding their stock back in order to have big consignments for Thursday and Friday. Every year the growers send in a lot of pickled stock, which brings little or nothing.

Most of the stock is of extra good quality just now, in roses and carnations. Clear weather will bring in lots of violets. Of bulb stock, such as Romans, Paper Whites, valley and lilies, there will be plenty. There will be a fair supply of poinsettias also. Extra good smilax and other greens are seen in quantity.

Various Notes.

E. W. Guy, of Belleville, spent December 17 in the city buying supplies. Mr. Guy celebrated his birthday at his home that night, but would not tell us how young he is.

W. E. Jordan, assistant city forester, says the department has a big force of men looking after the street trees in all parts of the city. Julius Koenig and Charles Fulgraf are members of the staff of inspectors.

F. A. Ryan Floral Co. has opened at the old stand of the Schlueter Floral Co., at 1417 St. Louis avenue.

Edward Schultz, who for many years was a park keeper, died last week at the age of 84 years. He was well known to many in the trade.

Ralph Bush, son of Isidore Bush, who ran a grape farm at Bushberg, Mo., for many years, died last week. Mr. Bush was well known to many nurserymen throughout the country.

Mrs. Ellison, of the Ellison Floral Co., reports that the firm has been exceedingly busy of late, with weddings, dinners and receptions. They are preparing a novel dinner table, with a large tulip of flowers in the center, which opens, revealing a small Christmas table in the center of the tulip.

Kalisch Bros. are making their usual fine Christmas window display. The boys say they are having a fine run of business.

Ostertag Bros. have a number of large

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.50. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



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Christmas decorations to put up at several of the large clubs and a number of churches.

Miss M. Schnell, the East St. Louis florist, who is quite a heavy buyer in this market, says the east side is becoming quite a good flower market and that business has been good all season.

L. J. Claus has opened the old stand of the Mullanphy Floral Co., at Grand and St. Louis avenues.

Our wholesalers, Kuehn, Smith, Berning and Angermueller, say they will be pretty well supplied with everything in season for Christmas. Much depends on the weather for prices. J. J. B.

POUGHKEEPSIE, N. Y.

Two years ago Thos. Devoy's Son found a sport from Marie Louise violet, which has been carefully watched and of which there now is sufficient stock to plant a whole house. It has the characteristics of the old variety when grown at its best. The bloom is pure lilac, resembling the wistaria in color; highly fragrant. The supply of blooms for this season has been secured by Chas. Thorley, New York. It is named Marie Elise, after the pretty little daughter of the raiser. Freesia Purity is planted around each bench here; takes up no room and brings a good price.

Saltford's Flower Shop is making a fine display for Christmas and by the time this is in type will be through the best holiday business yet experienced. They have given up growing violets, although the veteran, W. G. Saltford, pointed to a spot where he made $10,000 on Marie Louise in one season. That was going some. Now his hobby is orchids, which he gives personal attention. He showed me a fine plant of Cattleya Trianæ alba with ten blooms. He has a seedling carnation on the order of but much superior to Mrs. Patten, in that the markings are stronger; a delicate blush shade suffuses the entire bloom. It will be exhibited at Pittsburg and will attract attention as a commercial fancy variety. Chrysanthemums are gone, with the exception of John Burton, an excellent incurved pink in fine shape for Christmas. A few were grown for trial and a house will be planted for late use next year. I noted a big batch of Lilium giganteum just potted, on benches. Mr. Saltford is confident, by maintaining a temperature of 60 degrees, he will have all in bloom for Easter; has done it in three months before. This is of value to many who never forced this lily for so early a date as Easter, 1910.

A. Laub & Son have a batch of Jeanne Nonin sold for Christmas at a good figure.

Conrad C. Gindra has some fine specimen ponderosa lemons, not, as he says, for the purpose of handing out to his friends, particularly at this festive season, but he believes that something out of the ordinary attracts attention and incidentally helps business.

Murphy & Schaumburg found the boiler that heats the town greenhouse out of gear just when needed. It took some hustling to get in shape before the busy time. M.

HERRIN, ILL.—W. M. Ridgway has nearly completed two new vegetable houses, 34x130. Ed Laramee has two new vegetable houses, 14x25.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

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THE KERVAN CO.

113 W. 28th St., NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmette and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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P. C. GIANNOPULOS & CO.

Wholesale dealers in



DAGGER FERNS, GALAX,

Princess Pine, Laurel Leaves, Sprays, Etc.

New Haven, Conn.

Mention The Review when you write.

Bronze Galax

New crop now ready. Medium size, 2½ to 3-in., at $3.00 per case. Large size, 3¼ to 4½ in., at $3.50 per case. 10,000 to the case. "Low prices, low rates and first class leaves," my motto. Send me at least a sample order.

Cash with order.

C. H. WRIGHT, Saddle, N.C.

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Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.

EVERGREEN, ALA.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per bunch.....25c Per case of 50 lbs.. 7.50

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.50 Per 50 lb. case.. 5.00

SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, WHOLESALE COMMISSION FLORIST, 34-36 East Third Street, **Cincinnati, Ohio**

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Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

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WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green, regular sizes.....$0.50 per 1000
Galax, green, violet size, 2 to 2½ inches..... .40 "
Galax, bronze, regular sizes..... .50 "
Galax, bronze, 2 to 3 inches..... .40 "
Ferns, dagger and fancy..... 1.00 "
Green Leucothoe Sprays, regular lengths..... 2.00 "
Green Leucothoe Sprays, 10 to 15 inches..... 1.00 "
Special prices on lots of 100,000 and up.

Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

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FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.
Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

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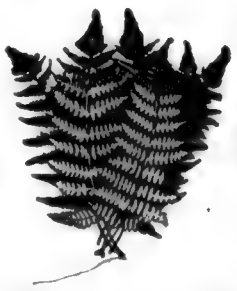
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Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

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HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS



CUT FLOWERS OF ALL KINDS

Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $7.50 per 10,000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays, Leucothoe Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.



15 Province St., and 9 Chapman Place, **BOSTON, MASS**

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J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N. C.**

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Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

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Bismarck Summer-flowering Stocks

(GILLYFLOWER)

Golden Ball—Canary Yellow

NOVELTY 1910

For the Gardener interested in Cut Flowers, this is just the right thing. **The Best Novelty in the World.** The Bismarck Summer-flowering Stock makes cone-shaped bushes, about 3 feet high, with wonderfully large, canary yellow clusters. It blooms throughout the entire summer season and even into the late fall. This Bismarck Summer Stock produces about 80% double flowers and is indispensable for the artistic work of the modern florist. When placed on the market in the form of a pot plant, it has no equal. **This Season's Best Novelty.** 1 package, 15c; 10 packages, $1.25; 100 packages, $11.00.

Bismarck Stocks Snowball, Snow White Novelty of 1909

This new kind has the same good qualities as the above mentioned novelty. The flowers are very large, snow white and are splendid as cut flowers and for sale on the market. 1 package, 15c; 1000 seeds, 50c; ¼ oz., $1.50; 1 oz., $5.00.

Giant Summer Stocks Gloria, Bright Blood Red—Excelsior Class.

Produces panicles of great length, bright and blood red; the flowers are gigantic. Great novelty. Fine for cut flowers. 1 package, 15c; 1000 seeds, 65c.

Summer Stocks Himmelsauge (Eye of the Sky).

Belonging to the dwarf class; novelty; wonderful light blue color; the best for pot culture; produces from 80% to 85% double flowers. 1000 seeds, 30c; ¼ oz., 90c.

Dresden Summer Stocks, with large Blossoms and Everblooming.

Best for cut flowers. 1, apple blossom; 2, dark blue; 3, light blue; 4 flesh colored; 5, dark blood red; 6, chamois; 7, soft rose; 8, purple carmine; 9, red brown; 10, crimson; 11, canary yellow; 12, snow white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. Sample package, all colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

Erfurt Summer Stocks, with Large Blossoms; Best for Groups.

1, brilliant rose; 2, carmine; 3, crimson; 4, dark violet; 5, dark blood red; 6, flesh colored; 7, canary yellow; 8, light blue; 9, aurora colored; 10, pure white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. Sample package, all colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

English Summer Stocks De Luxe Mixture, Seeds from the Open Ground.

¼ oz., 35c; 1 oz., $1.10.

Please Send Cash With Orders.

WEIGELT & CO., Seed Specialists, ERFURT, GERMANY

TROUBLE WITH SOIL.

I have a solid bed in my house and it will not do well for me, so I used a small strip of litmus paper, which I send herewith. Can you tell me what to put on and how much? The bed is 6x25 feet. O. S. H.

The test paper shows little trace of acid in the soil, so that is not the cause of failure. Had this querist been more explicit and described conditions and previous treatment of the bed I would have been in better position to advise. Try a sprinkling of wood ashes, say a 6-inch potful, and stir the surface to the depth of one inch. Ribes.

TO ENJOY A MELON.

Probably many readers of the Review will enjoy, if not the melon itself, at least the following recipe freely translated from La Tribune des Sociétés Horticoles, Brussels: "Take a Cavaillon melon (shun the cantaloupe), cut it circularly round the stalk with an enameled knife and remove the seed with a silver spoon, not disturbing the pulp. This done, put alternate layers of refined sugar (two spoonfuls) and alpine strawberries until it is full, and then pour in a bottle of irreproachable Bordeaux to fill up the spaces between berries and sugar. Then replace the severed part to serve as a stopper, and let it stand in a cool cellar for twenty-four hours. Empty then the contents into a dish, and the solemn hour will have arrived. As for the melon itself, present it to some lukewarm friend at the right season."

The Review sends Scott's Florists' Manual postpaid for $5.

With the Skinner System of Irrigation ONE MAN can do the work of FORTY MEN watering with a hose.

The Skinner Irrigation Co.

TROY, O.

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Lily of the Valley

For Cut Flowers—Prices, $3.00 and $4.00 per 100. Have an entire house of it and solicit a share of the trade of the Southwest. Satisfaction guaranteed. Shipping facilities are the best and we can handle all orders.

A. E. BOYCE, Bartlesville, Okla.
400 E. 3d St., or Phone 206 Long Distance

Mention The Review when you write.

Racine, Wis.—John Bourgaise, 2006 North Chatham street, proprietor of the North Side Greenhouse, met with a bad accident December 16. With other men, Mr. Bourgaise was engaged unloading a large barrel filled with flower pots, when it commenced to roll. In an effort to save it Mr. Bourgaise got in the way and the barrel rolled on his left foot and ankle, breaking both bones of the leg above the ankle, and he was otherwise bruised.

Western Florist Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.

DENVER, COLO.

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100 Gallon Cypress Tank

for storing water, for scalding and salting, and many other purposes. Can furnish with tight cover, making it suitable for spraying, for $3.00 additional. We make all other size Tanks in any shape, for all purposes.
Steel Towers to elevate Tanks. Bells, Wind Mills, also Silos, Pumps and Gasoline Engines.
Goods guaranteed as represented, or money back.

THE BALTIMORE COOPERAGE CO.

Always mention the Florists' Review when writing advertisers.

NEW ORLEANS.

The Market.

Christmas is not of the same importance in New Orleans to florists as it is to those in the north, but still the demand for flowers, trees and general decorations is on the increase every year and we can expect a lively demand this week. Our chrysanthemums are coming to an end, but we can still cut some fine roses which have not been touched by the cold. Our home-grown narcissi will soon appear. They are not as white as the imported Paper Whites, but they come in handy for ordinary business.

Club Meeting.

Thursday, December 16, our local society had its monthly meeting. The display of plants was creditable. James A. Newsham, who had lately quite a number of different varieties of orchids coming into flower, had some extra good sprays of Cattleya Trianæ alba. The Metairie Ridge Nurseries had some well grown Gloire de Lorraine begonias. U. J. Virgin showed some azaleas and lily of the valley. Abele Bros. had a variety of begonia.

It was announced that E. Baker has been nominated superintendent of the city parking commission. It is the best move that could have been made. The commission was so far composed of men all full of good intentions, but not being thoroughly competent on the subject they could not do better than by taking such a man as Mr. Baker as co-worker. With his long experience as manager of public parks, they surely made a good selection.

Secretary C. R. Panter said that the chartering of the society was in the hands of the lawyer, J. C. Valdo. M. M. L.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—After January 5, by a good all-round man; life experience; 38 years old; commercial place; steady, sober. Address No. **85**, care Florists' Review, Chicago.

SITUATION WANTED—As plant grower or general work inside; eleven years in all branches; commercial place preferred. Address **No. 94**, care Florists' Review, Chicago.

SITUATION WANTED—A first-class all-round grower, especially of palms, desires a position; excellent references as to character and ability; married. Address No. **97**, care Florists' Review, Chicago.

SITUATION WANTED—As assistant gardener on a private place; has 5 years' experience and good references as to being honest and sober; start any time after January 1. Address No. **102**, care Florists' Review, Chicago.

SITUATION WANTED—A traveling salesman; anything for the stores or greenhouses; also a floral designer; middle west or extreme northwest territory preferred; gilt-edge references. Henry Barton, 17 Noble St., Westfield, Mass.

SITUATION WANTED—By young man, German, thoroughly experienced gardener, to take charge of private place; willing and obliging; good references from former employers. Address No **96**, care Florists' Review, Chicago.

SITUATION WANTED—By middle-aged Swiss, single, by the first of the year; good grower of roses, carnations, mums, general stock, and good designer; strictly sober and fully capable of taking charge; state wages in first letter; answers from up-to-date places only expected. Jacob Schmid, care Wm. Weaver, florist, McAlester, Okla.

HELP WANTED—Storeman; an up-to-date man of experience as salesman and decorator; of good habits and capable of managing city store of a growing concern; state experience, references and salary expected in first letter. The L. C. Heacock Floral Co., Elyria, Ohio.

HELP WANTED—Experienced man to grow carnations, violets and chrysanthemums; wages, $12.00 per week; references required. Butz Bros., New Castle, Pa.

HELP WANTED—A good man for ferns, azaleas, mums and general greenhouse work; wages $15.00 a week. Address No. **103**, care Florists' Review, Chicago.

HELP WANTED—At once; a good all-round greenhouse man to grow carnations, mums, pot plants, ferns and palms; a good designer; not afraid to work, sober and reliable; to take charge when needed; must have good manners and be clean about his work; $35.00, board and room per month to start. Apply to Nussbaumer Floral Co., San Angelo, Texas.

HELP WANTED—At once, a middle-aged man who has had experience in growing roses, carnations and general line of bedding plants; must also have some knowledge of leading shrubs and perennials, and capable to assist in waiting on refined trade; a sober, intelligent, industrious man, possessing the above qualities, can have a good position with opportunity for advancement; furnish reference and salary expected without board; this position is in the South. Address No. **98**, care Florists' Review, Chicago.

WANTED—Second-hand steam and hot water boilers: state full particulars and lowest cash price. Elmer Rawlings, Olean, N. Y.

WANTED TO LEASE—Greenhouses or stores, in good retail location; state size, rent and other particulars. L. H. Wise, Jersey City, N. J.

PARTNERS WANTED—The advertiser has a business established on a firm basis; too much for one man to look after and push properly; with three good practical men to join me, we should soon be doing big things; so I have decided to form a company of practical men, to incorporate; one should be an all-round indoor man, a good general grower; another should be an all-round outdoor man, nurseryman, gardener and florist; the third should be an up-to-date store man; each of these should have a few hundred dollars to invest in the corporation, to give them a real practical interest in the business and make them push it; location is in a first-class city of 70,000 in western Pennsylvania, establishment located just outside the city limits on car line near large cemetery; no other nursery here; purpose opening store in the city in the spring; splendid opportunity for the right men. Address No. **86**, care Florists' Review, Chicago.

FOR SALE—Two greenhouses, 20x80 feet, in good shape, with ground, very cheap. Address No. **87**, care Florists' Review, Chicago.

FOR SALE—Greenhouse conservatory and garden of three acres of as good land as there is in Illinois: new good buildings. Address No. **91**, care Florists' Review, Chicago.

FOR SALE—In Chicago; 10,000 feet of glass, store, six-room dwelling and land 125x163; good reasons for selling; if you want a bargain, address No. **92**, care Florists' Review, Chicago.

FOR SALE—Good location for greenhouse: opposite Eden Cemetery, Chicago; 173x373; will divide to suit; also three-quarter acres, Park Ridge, Ill.; low price for cash. Address No. **67**, care Florists' Review, Chicago.

FOR SALE—An interest in a profitable retail business in a large southern town: party must furnish best of references and be competent to do design work, making up, and decorating, and take general charge of store; none but reliable party with capital to invest need reply. Address No. **100**, care Florists' Review, Chicago.

FOR SALE—Boilers; the following in good condition, repainted and first-class in every respect; one No. 17, Hitchings saddleback, $115.00; two No. 5, Weathered double dome, $55.00 each; these are a bargain; also several other hot water and steam boilers; I can save you money on steam pipe. Elmer Rawlings, Olean, N. Y.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors, 11-ft. high, 14-ft. long, 6-ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass, price f.o.b. Pittsburg, $140.00. A. W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—For $12,000, The North Boulder Greenhouses, of about 7,000 ft. glass; hot water heat, store, cut flower cellar, hotbed sash, small dwelling, barn, horse, wagons, tools and stock in first-class condition: 5 lots, each 140x50 frontage, 250 ft. on main thoroughfare; 6½ blocks from court house and center of city of 12,000 inhabitants; state-preparatory school (500 students); state university (about 1,000 students), now having $500,000 worth of new buildings under construction; fine churches; excellent hotels; Colorado sanitarium; best climate; the 5 lots will in a few years be worth all I ask for the place; owner started here 8 years ago with $300 capital. For further particulars address S. Knudsen, Boulder, Colo.

FOR SALE OR RENT—Five acres land, large greenhouse, dwelling, poultry house for 1,000 chickens, barn and outhouses, offered whole or divided; steam heat for more houses. Address No. **99**, care Florists' Review, Chicago.

FOR RENT—For $50.00 per month, one of Chicago's oldest flower shops, ready for business, 25x35, tile floors, refrigerator in large show window, mantel, mirror, etc.; light basement; beamed ceiling; located in large private park, access from four sides; on Clarendon Ave., near Sheridan Road. Albert Fuchs, 803 Sheridan Road, Chicago.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways: orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. **84**, care Florists' Review, Chicago.

Situation Wanted

By the 1st of January or later, by reliable and experienced florist and gardener, single, 34 years; first-class references furnished; please state particulars. Address No. **76**, care Florists' Review, Chicago.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. **48**, care Florists' Review, Chicago.

FOR SALE

An establishment consisting of two (2) houses, 25x130 ft., and two (2) houses, 15x130 ft., work room, 16x40 ft., boiler room, 16x30 ft.; steam heat; two (2) acres land; private water works; Skinner watering system outdoors; city of 12,000 and no competition; price and terms on application. **CAIN FLORAL CO., Bloomington, Ind.**

STORE AND RETAIL BUSINESS FOR SALE

A fully equipped and only store in town of 15,000 in New York State, the entire good will and an established business for more than 15 years; business now $8,000 to $10,000 per year and can be much increased by a good live man; on account of poor health am willing to sell at a sacrifice and $3,000 will buy it. If you mean business

Address No. 81,
Care Florists' Review, Chicago.

For Sale!
A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salab e sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address

No. 68, Care Florists' Review Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street — **Cable Address: ALEXCONNELL** — **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Flowers Delivered to All New England Points

Morse & Beals

Florists

8 Merrimack Sq., Lowell, Mass.

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2340 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

Iowa Seed Co., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

11 North Pearl St., • • ALBANY, N. Y.

Wm. L. Rock Flower Co.

Rock's Flowers Kansas City

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Established 1886

Wire Us Write Us Phone Us

WE DELIVER ONLY

High Class Flowers

Ostertag Bros.

Both Long Distance Phones.

WASHINGTON AND JEFFERSON AVENUES, ST. LOUIS

Mention The Review when you write.

Sharkey

FLORIST

Phone 5195 Madison Sq.

Late with Thos. Young, Jr.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Steamer and Theater Work My Specialty

Mention The Review when you write.

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

Mention The Review when you write.

TEWKSBURY, MASS.

As members of the trade are well aware, the business of growing flowers has developed rapidly here in recent years, and large quantities of stock are daily shipped to the Boston and Lowell markets.

One of the most familiar names in the trade is that of M. A. Patten & Co., whose range is situated near the railroad and is consequently a familiar sight to those who pass through the town on the Boston trains. This firm makes a specialty of carnations, but also grows lilies and geraniums, and exhibits at many of the flower shows, especially that of the Massachusetts Agricultural Society. Mr. Patten has recently added a 20,000-gallon tower tank to his plant.

John T. Gale's greenhouses are situated in Helvetia street, and he has recently nearly doubled the capacity of one of his

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

W. A. Hammond

RICHMOND, VA.

Prompt shipment to all points in Virginia, North Carolina and other states

200,000 feet of glass to Cut Flowers

The West View Floral Co.

105 Peachtree St., Atlanta, Ga.

Choice Flowers Rare Plants

For All Occasions

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, NEW YORK
Telephones 4025-4026, 38th Street,
Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.
Cable Dardsflor, Western Union — Established 1874

WARENDORFF
NEW YORK CITY.
The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.
Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
414 N. High St., COLUMBUS, OHIO

JULIUS BAER
138-140 E. Fourth St.
Long Distance Phone
Cincinnati, Ohio.

Seattle and Coast
Orders Carefully Filled
Graff's Flower Shop
923 1st Ave., Seattle, Wash.

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for all occasions, from cradle to grave.

E. O. LOVELL GRAND FORKS
will give prompt attention to all orders for delivery in North Dakota

MOBILE, ALABAMA
The Minge Floral Co.

The Anderson Floral Co.
ANDERSON
888 Marshall Ave., SOUTH CAROLINA

TERRE HAUTE, IND.
JOHN G. HEINL & SON,
129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

BERTERMANN BROS. CO.
LEADING FLORISTS
241 Massachusetts Ave., Indianapolis, Ind.

Orders for North Carolina promptly attended to by
J. VAN LINDLEY NURSERY CO.
Tel. Office, Greensboro POMONA, N. C.

Washington, D. C. Blackistone 1601 Eutaw Place, Also Baltimore, Md.
14th and H Streets

CLEVELAND
..The..
J. M. Gasser Company
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

Washington, D. C.
Marche & Co.
Reliable House. Write, Wire or Phone.
14th and H Sts.

The Flower Shop
136 West 42nd Street
Telephone 259 Bryant — New York
In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.
SATISFACTION GUARANTEED

THE SMART SET FLORAL CO.
Broadway and 83rd Street
NEW YORK
Telephone 1790 Riverside.
Prompt and personal attention given your orders by expert artists.

JOHN WOLF
SAVANNAH, GA.
Wholesale and Retail Florist

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

C. C. POLLWORTH CO.
WHOLESALE FLORISTS
Milwaukee, Wis.
Will Take Proper Care of Your Orders in WISCONSIN

ST. LOUIS, MO.
Flowers Delivered in City or State on Short Notice
F. H. WEBER
BOYLE AND MARYLAND AVENUES
Both Long Distance Phones

WILLIAM J. SMYTH
FLORIST Cor. Michigan Ave. and 31st St., Chicago
We ship to all points in Illinois and Iowa.
PHONES:
Douglas 744, Douglas 523, Douglas 740

ADVANCE FLORAL CO., Five Phones
C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, DAYTON, O.

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

Louisville, Ky.
JACOB SCHULZ, 550 So. Fourth Ave.

A. C. BROWN, SPRINGFIELD, ILL.
LARGE GREENHOUSES

houses. In two of his houses he grows carnations and in the other two violets and sweet peas. He has taken first prize on his violets and received honorable mention for his sweet peas.

Albert Roper's place faces Pleasant street and extends over a considerable area, one of his houses being 300 feet long. He has a water supply of 14,000 gallons. He devotes himself exclusively to the growing of carnations, and has taken many prizes at the exhibitions of the Massachusetts Agricultural Society.

A. C. Tingley's greenhouses are on Main street, opposite the cemetery. He has not exhibited to any extent as yet, but he has a steady output of carnations, lilies and chrysanthemums.

In addition to those already mentioned,

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

"Where Quality is Paramount."

Ellison Floral Co

Both Phones. 4511-13 Olive St., ST. LOUIS

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph.

All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

906 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J.

will be carefully filled by

George H. Berke

1505 Pacific Ave.

Write, Wire or Phone Your Orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4961

J. W. WOLFSKILL

FLORIST

Telegraph Orders a Specialty.

218 W. 4th St., LOS ANGELES, CAL.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

GEO. A. HEINL, LEADING FLORIST, TOLEDO, OHIO

ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON

CLARKE BROS. 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO. 171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

Theresa Badaracco

Art Florist ST. LOUIS, MO.

Minneapolis Floral Co., Wholesale and Retail Florists

MINNEAPOLIS, MINN.

Funeral designs on short notice. One of the largest establishments west of Chicago.

George Foster, at Wamesit, is growing carnations; Hiram Chandler, at the Centre, is making a specialty of violets, and Lewis Small and Louis Smidt, at Round Pond, are growing violets and carnations respectively.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Carolina	New York	Porto Rico	Dec. 25
Tenyo Maru	S. Francisco	Hongkong	Dec. 28
Monteagle	Vancouver	Philippines	Dec. 28
Lusitania	New York	Liverpool	Dec. 29
Teutonic	New York	S'hampton	Dec. 29
Zeeland	New York	Antwerp	Dec. 29
M. Washington	New York	Italy	Dec. 29
P. Irene	New York	Bremen	Dec. 30
La Touraine	New York	Havre	Dec. 30
Aorangi	Vancouver	Australia	Dec. 31
Laurentic	New York	Liverpool	Jan. 1
St. Paul	New York	S'hampton	Jan. 1
Merion	Philadelphia	Liverpool	Jan. 1
Furnessia	New York	Glasgow	Jan. 1
Ponce	New York	Porto Rico	Jan. 1
K. Wm. II	New York	Bremen	Jan. 4
Umbria	New York	Liverpool	Jan. 5
Vaderland	New York	Antwerp	Jan. 5
Cedric	New York	Italy	Jan. 5
Chemnitz	New York	Bremen	Jan. 6
La Bretagne	New York	Havre	Jan. 6
Korea	S. Francisco	Hongkong	Jan. 7
Caledonia	New York	Glasgow	Jan. 8
Barbarossa	New York	Genoa	Jan. 8
Thames	New York	Jamaica	Jan. 8
Caronia	New York	Egypt	Jan. 8
Corrientes	New York	Brazil	Jan. 10
Adriatic	New York	S'hampton	Jan. 12
Alice	New York	Italy	Jan. 12
Friesland	Philadelphia	Liverpool	Jan. 15
Romanic	New York	Italy	Jan. 15

John King Dunn

Flower and Plant Shop

644 Madison Ave., just above Fifty-ninth St.

Phone 410 Plaza. New York City

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main

S. Masur

226 Fulton St., Brooklyn, N.Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.

DALLAS

Everything grown here fresh every day

Rosemont Gardens

W. B. Paterson, Prop. 116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, Florists

Telephones 1501 and L 1502

1415 Farnum Street, OMAHA, NEB

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Evanston and Chicago

JOHN WEILAND EVANSTON, ILL.

MICHIGAN Orders will be carefully cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

Spokane Florist Co.

SPOKANE, WASH. Up-to-date Florists

BEYER FLORAL CO., SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

BROWN

New York's Most Modern Florist Store
"The Belnord"
2360 Broadway
New York City

Telephone No., 1219 River
Personal Attention Given Your Orders.
Satisfaction Guaranteed.

Coombs LEADING FLORIST — Hartford, Conn.

Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand

McKenna

MONTREAL

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN.

WASHINGTON, D. C.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.

GUDE'S

The Park Floral Co.

J. A. VALENTINE
Pres.

DENVER, COLORADO

Jacksonville Floral Co.

20 Laura St. Jacksonville, Fla.

We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.

Choice Seasonable Flowers
ALWAYS ON HAND.

J. F. AMMANN Long Distance Phones

Edwardsville, Ill. Alton, Ill.

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" "	Gasser Co., J. M.
" "	Knoble Bros.
Columbus, O.	Livingston Seed Co.
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Dayton, O.	Advance Floral Co.
" "	Heiss Co.
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" "	Frey, C. H.
Los Angeles, Cal.	Wolfskill, J. W.
Louisville, Ky.	Schulz, Jacob
Lowell, Mass.	Morse & Beals
Milwaukee, Wis.	Pollworth Co.
" "	Zimmermann, W. C.
Minneapolis, Minn.	Minneapolis Floral Co.
" "	Swanson's
Mitchell, S. D.	Newburys, The
Mobile, Ala.	Minge Floral Co.
Montgomery, Ala.	Rosemont Gardens
Montreal, Can.	Hall & Robinson
" "	McKenna & Son
New Orleans, La.	Virgin, U. J.
New York City	Bowe, M. A.
" " "	Brown
" " "	Clarke's Sons, David
" " "	Dards, Chas. A.
" " "	Duer, John King
" " "	Flower Shop, The
" " "	McConnell, Alex.
" " "	Myer
" " "	Sharkey, John F.
" " "	Smart Set Floral Co.
" " "	Warendorff
Omaha, Neb.	Hess & Swoboda
" "	Stewart, S. B.
Philadelphia, Pa.	Ehret, Fred
"	Fox, Chas. Henry
Pittsburg, Pa.	Smith Co., A. W.
Pomona, N. C.	Van Lindley Nursery Co.
Portland, Ore.	Clarke Bros.
Providence, R. I.	Johnston & Co., T. J.
Richmond, Va.	Hammond, W. A.
St. Louis, Mo.	Badaracco, Theresa
" " "	Beneke, J. J.
" " "	Ellison Floral Co.
" " "	Ostertag Bros.
" " "	Weber, F. H.
" " "	Young & Sons Co.
St. Paul, Minn.	Holm & Olson, Inc.
" " "	May & Co., L. L.
" " "	Swanson, A. S.
San Antonio, Tex.	Baker, Geo. C.
Savannah, Ga.	Wolf, John
Scranton, Pa.	Schultheis, E. D.
Seattle, Wash.	Graff's Flower Shop
South Bend, Ind.	Beyer Floral Co.
Spokane, Wash.	Spokane Florist Co.
Springfield, Ill.	Brown, A. C.
Terre Haute, Ind.	Heinl & Son, Jno. G.
Toledo, O.	Heinl, Geo. A.
Topeka, Kan.	Hollcraft, Mrs. M. E.
Toronto, Can.	Dunlop, John H.
Washington, D. C.	Blackistone, Z. D.
" "	Gude Bros. Co.
" "	Marche & Co.
Wellesley, Mass.	Tailby & Son
Wilkes-Barre, Pa.	Marvin's, Ira G.

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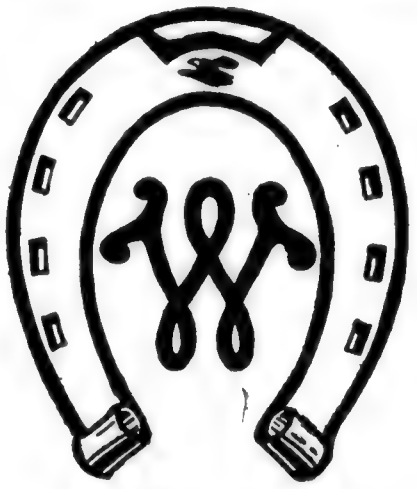
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CONTRACT SEED GROWER

of Watermelon, Muskmelon, Cucumber and Squash. All seeds grown under irrigation. 20 years' experience. Write us after the 1st of January for estimates on 1910 crops. We also have a small surplus of several varieties of Muskmelon and Cucumber.

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Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. B. Kendel, Cleveland, O.

THE covers of the seed catalogues thus far to hand indicate that the lithographers have had a busy season. The covers never were gayer.

CHARLES M. JACKSON, son of the well-known English clematis specialist, who has been with Burpee & Co., at Doylestown, Pa., has removed to St. Louis, where he will have charge of the garden seed department of the Plant Seed Co.

HENRY FISH, of Carpenteria, Cal., says crops of limas were good last season, quality above the average, but that there was a sad shortage in snap beans. It will not be any easier to supply them in 1910, he says. Rains have been timely and sufficient so far.

LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS
BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS
ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

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C. C. MORSE & CO.

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SAN FRANCISCO CALIFORNIA

YOU will be satisfied with the products of
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Better write to **Burpee, Philadelphia,—for new Complete Catalog**

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The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.
BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

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BEAN, CUCUMBER, TOMATO
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Squash, Watermelon, Sweet Corn
CORRESPONDENCE SOLICITED.

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SWEET PEA and NASTURTIUM SPECIALISTS
Wholesale growers of full lists of FLOWER and GARDEN Seeds.

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Onion Sets = Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

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Metal Clasp Mailing Envelopes

LOUIS JEFFREY
78th and Brunswick Ave., PHILADELPHIA, PA.

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RALPH M. WARD & Co., New York, say that lily of the valley pips are extremely scarce in the higher grades. Growers in the vicinity of Berlin cannot make deliveries of more than sixty per cent. Prices are expected to be from 2

GET QUOTATIONS FROM
LANDRETH SEEDS WHICH SUCCEED
Bloomsdale Farms **BRISTOL, PA.**

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Azaleas, Rhododendrons, Clematis,

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1884-1909

For Flower and Garden Seeds, just issued.

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Grower and Exporter on the very largest scale of all

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Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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The Only Seed to be Offered.

SANDER, 235 Broadway, Room I, **New York City**

Representative, T. MELLSTROM.

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VALLEYS and LILACS for Florists' forcing, the best that are grown imported to order, delivery Fall 1910; for prices address

AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

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LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

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MANN'S EXCELSIOR

Are the finest in existence and their flowers fetch the best prices in the London market.

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FOR
SEEDS
of all kinds apply to
W. W. JOHNSON & SON, Ltd.
BOSTON, ENGLAND

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to 3 marks higher next season for the best grades. This is from advice just received from Germany.

SEEDSMEN interested in the market gardeners' trade should take a look at page 51.

SEEDSMEN will be interested in the closing paragraphs of the "Notes From England," on another page of this issue.

THE politicians once more insist our esteemed friend, Mr. Wilson, is about to resign as Secretary of Agriculture.

W. ATLEE BURPEE says he has been behind hand with his catalogue work this season, but the book is ready for mailing on the usual days.

A. C. ZVOLANEK, Bound Brook, N. J., is on his annual trip to the sweet pea seed growing districts in California, somewhat earlier than usual.

SPECULATION continues to make the clover seed price. It will until after the holidays. Then the spring demand should be felt. Most large speculative dealers are bullish.

A note and illustration on the tomato trials of the Livingston Seed Co., intended for this department, appears on page 15 of this issue because of lack of room on this page.

MORE than 250,000 pounds of sunflower seed were raised in the vicinity of Bethlehem, Ky., during the past season, all of which has been marketed. One buyer handled 162,000 pounds. It is said that those who raise the seed do not know what it is used for.

THE Rhudy & Hall Seed Co., of Kansas City, Kan., has bought for $1,200 the stock of the William A. Duncan Seed Co., of St. Joseph, which filed a voluntary petition in bankruptcy November 30. The sale was made through J. J. Garth, temporary receiver for the bankrupt concern.

AN authority in the lima bean market says that the California crop consists of about a million bags, but points out that this seemingly large quantity, eighty million pounds, is in reality less than a pound apiece for the people of the United States. It is said that Pennsylvania mining towns consume a fifth of the crop.

THE Smithfield Club cattle show, held in London, England, the first week in December every year, is noted, among several other things, for the great assemblage of seed merchants who come up from the country to buy their supply of seeds for the season's trade, and many transactions always take place at this show. We understand that one wholesale house has paid at this show as much as 100 shillings per hundredweight (21.78 cents per pound), for Golden Tankard mangel, and he has to make some profit on this. It is understood that the retail price for this article will be from 40 to 48 cents per pound. A considerable

ALL NEW CROP BIRD SEEDS

At lower prices for bigger values than you can possibly buy elsewhere. **Crops short—delay will mean higher prices.** All orders receive prompt attention. Quotations subject to market changes.

	Per 100 lbs.		Per 100 lbs.
Hemp, Large Russian	$2.75	**Sunflower,** Black Seeded	$3.65
Canary, Sicily extra sifted	2.75	**Sorghum,** Red	1.65
Rape, German Bird	3.50	**Kaffir Corn,** White	1.65
Millet, Red Bird	2.25	**Alfalfa Meal**	1.35
" Yellow Bird	2.25	**Tobacco Stems**	.75
Vetches, Bird	2.50	**Tobacco Dust**	.75
Sunflower, large striped	3.85	**Charcoal,** granulated	1.35

Canada Field Pea, $1.60 per bushel.

We manufacture and distribute enormous quantities of **"Square Deal" Brand Chick Starter, Ch ck Food, Poultry Food, Pigeon Food.** Our prices are unusually attractive. Samples sent on request.

J. BOLGIANO & SON
1818 Importers and Seed Growers BALTIMORE, MD. 1909

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Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.85** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. First size bulbs, 1¾ inches and up. **$2.00** per 100; **$18.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs, 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

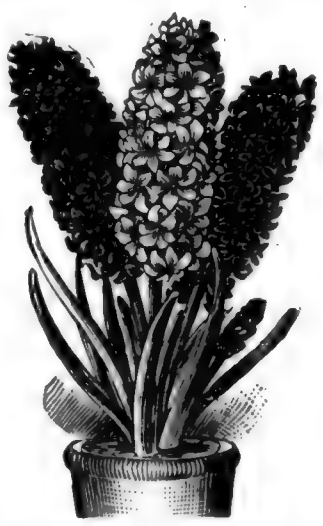
Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladiolus in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman
342 W. 14th St. NEW YORK CITY

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SURPLUS BULBS Exceptional Values

DUTCH HYACINTHS

	Per 100
Single, separate colors per 1000, $18.00	$2.00
Double, separate colors per 1000, $19,00	2.00

TULIPS

Single early superfine mixed per 1000, $6.00	.7
Double superfine mixed per 1000 $6.00	.75
Single late superfine mixed per 1000, $6.00	.75
Chrysolora—Yellow	.75
Canary Bird	.75

NARCISSUS

	Per 100
Biflorus, sweet scented	$0.75
Poeticus	.45
Single mixed	.50
Chinese Sacred—per basket 30 bulbs, $1.00	

SPANISH IRIS

Choice mixed	.30
Named sorts	.40

JONQUILS

Campernelle	.60
Rugulosus	.65

Write for our wholesale florists' catalogue—just issued

JOHNSON SEED CO., 217 Market St. Philadelphia, Pa.

SURPLUS BULBS--EXTRA FINE STOCK

SINGLE TULIPS	Per 100
Belle Alliance	$1.75
Chrysolora	.70
Due Von Thol, scarlet	1.40
" " " white	1.40
Joost Van Vondel, white	2.75
" " " red and white	1.40
La Reine, per 1000, $7.50	.85
Prince of Austria	1.50
Rosamundi Huickman	.75
Rose Grisdelin, per 1000, $11.00	1.30
Rose Luisante	1.75
Yellow Prince, per 1000, $7.50	.85

SINGLE TULIPS	Per 100
Superfine Mixed, per 1000, $6.00	$0.75
Proserpine	2.00
Cottage Maid	.75
DOUBLE TULIPS	
Couronne d'Or	1.75
Imperator Rubrorum	1.75
Murillo	1.75
Yellow Tournesol	2.00
NARCISSUS	
Empress	1.50
Poeticus Ornatus	.50

SLUIS SEED STORE, 544 W. 63d St., CHICAGO, ILL.

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Boddington's Quality Flower Seeds for Florists

SELECTED SEEDS, SUCCESSFULLY SOWN, SECURE SURE, SAFE AND SERVICEABLE SATISFACTION.
Remember you may deduct 5 per cent if cash accompanies order.

AGERATUM

	Trade pkt.	Oz.
Mexicanum album	$0.10	$0.20
Blue Perfection	.15	.50
Imperial Dwarf Blue	.10	.25
Imperial Dwarf White	.10	.25
Little Dorrit	.15	.50
Swanley Blue	.10	.25

Little Blue Star, trade pkt. 25c., 5 pkts. for $1.00.

BODDINGTON'S MAUVE BEAUTY

Large Mauve flowers; dwarf, compact, very free-flowering. A unique variety. Trade pkt. 10c., oz. 50c.

ALYSSUM

White Gem

A grand improvement on Little Gem, being much more compact; grand for bedding. Trade pkt. 25c., oz $1.

	Trade pkt.	Oz.	Lb.
Little Gem, dwarf, best for pots	$0.10	$0.30	$3.50
Carpet of Snow, for hanging baskets and borders	.10	.25	
Sweet (the old variety)	.10	.15	1.25

ASTERS

BODDINGTON'S Asters are famous. Write for catalogue of other varieties and prices.

QUEEN OF THE MARKET ASTERS

Boddington's Extra-Early

	Trade pkt.	Oz.
Pink	$0.20	$0.60
White	.20	.60
Light Blue	.20	.60
Dark Blue	.20	.60
Crimson	.20	.60
Rose	.20	.60
Flesh-Color	.20	.60
Light Rose	.20	.60
Scarlet	.20	.60
Red-Lilac	.20	.60
Finest Mixed	.20	.60

BRANCHING ASTERS

Vick's Branching

	Trade pkt.	¼ oz.	Oz.
Crimson	$0.25	$0.35	$1.00
White	.25	.35	1.00
Purple	.25	.35	1.00
Violet	.25	.35	1.00
Rose	.25	.35	1.00

Carlson's Branching

	Trade pkt.	¼ oz.	Oz.
Lavender	$0.25	$0.35	$1.00

Semple's Branching

	Trade pkt.	¼ oz.	Oz.
Shell-Pink	$0.25	$0.35	$1.00
Upright White	.25	.35	1.00

Trade pkt. each of the collection of 8 varieties for $1.75.

BODDINGTON'S GIANT ANTIRRHINUM

(Height, 3 Feet)

	Trade pkt.	Oz.
Coral-Red. Striking color	$0.20	$0.60
Carmine. Splendid color	.20	.60
Daybreak. Light pink	.20	.60
Brilliant. Scarlet, golden yellow and white	.20	.60
Crescia. Dark scarlet	.20	.60
Queen Victoria. Pure white	.25	1.00
Luteum. Yellow	.20	.60
Firefly. Scarlet	.20	.60
Romeo. Deep rose	.20	.60
Lilacinum. Beautiful lilac	.20	.60
Mixed	.20	.50

BEGONIA

	Tr. pkt.
Erfordii. Carmine, ⅛ oz., $1.00	$0.25
Semperflorens	.25
Vernon grandiflora, ½ ft. A fine bedding sort, with rich red flowers and glossy bronze-red foliage	.25

CINERARIA

Cineraria maritima. 1½ ft. Trade pkt. 10c., oz 15c.

Cineraria maritima "Diamond." A vast improvement over the above. Foliage very white, leaves much serrated. Trade pkt. 50c., $2.00 per oz.

CENTAUREA

	Tr. pkt.	Oz.
Candidissima, 1000 seeds, 25c.		$1.00
Gymnocarpa, 1000 seeds, 15c.		.35

COBAEA

	Tr. pkt.	Oz.
Scandens. H. P. Blue	$0.10	$0 30
Alba. White	.20	.75

GREVILLEA ROBUSTA

	Tr. pkt.	Oz.
(Silk Oak)	$0.10	$0.50

LOBELIA

	Tr. pkt.	Oz.
Erinus gracilis. Trailing; light blue	$0.15	$0.40
Erinus speciosa. Deep blue; trailing	.15	.50
Crystal Palace compacta	.30	1.25
Emperor William compacta	.25	1.00

MIGNONETTE

Boddington's Majesty. The finest of all fancy varieties of Mignonette for under glass or pot culture. Seeds saved from select spikes under glass. Trade pkt., 60c; ⅛ oz., $1.00; oz., $7.50.

MYOSOTIS

	Tr. pkt.	Oz.
Eliza Fonrobert, excellent for pots, blue	$0.10	$0.50
Palustris Semperflorens, everblooming	.25	2.00

PETUNIAS

Boddington's Quality Double Fringed. Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size. ½ trade pkt. about 1000 seeds, 60c; trade pkt., about 2000 seeds. $1.

Boddington's Snowball, Double. The finest double; pure white, ½ trade pkt., 60c; trade pkt., $1.

BODDINGTON'S CENTURY PRIZE

Gigantic single flowers, having the edges deeply ruffled or fluted; fine substance, with deep white throats. Colors vary from pure white to dark purple-violet, many being beautifully striped or veined. ½ trade pkt., about 1000 seeds, 60c; trade pkt., about 2000 seeds, $1.

	Tr. pkt.
Boddington's Bar Harbor Beauty, Single. Color a beautiful rose	$0.25
Boddington's Ruffled Giants. A grand selection of single fringed Petunias	.50
Boddington's Inimitable Dwarf Compact Hybrids, Single. Flowers blotched and striped	.25

Petunias Con.—Boddington's Century Prize

	Tr. pkt.
Canary Bird. Medium size, finely fringed and curled borders; distinct yellow, which deepens in the throat. 5 pkts. $1.00	$0.25
Emperor, Single. Large blossoms, distinct in form, coloring and marking. The solid colors are particularly rich and velvety; some of the crimson blossoms have pink stars, some pure white, while others are distinctly striped	.50
Howard's Star. Rich crimson, with a distinct white star in center	.25
Rosy Morn. Soft carmine-pink	.25
Snowstorm. Pure single white	.25
Hybrida, Single Mixed, oz., 50c	.15

PYRETHRUM

	Tr. pkt.	Oz.
Aureum. (Golden Feather)	$0.10	$0.25
Selaginoides. Foliage finely serrated	.15	.50

SHAMROCK

	Tr. pkt.	Oz.
(True Irish). Small-leaved	$0.50	$1.50

½ trade pkt., 25c.

SALVIA

	Tr. pkt.	Oz.
Clara Bedman (Bonfire). 1½ feet	$0.25	$2.00
Splendens (Scarlet Sage)	.25	1.00
Splendens. Ball of Fire. Very dwarf and early	.25	3.50
Splendens, Little Lord Fauntleroy. Neat and compact, upright and free-flowering	.50	4.00
Splendens aucubaefolia (Silverspot). Dark green leaves, with light sulphur spots, resembling an aucuba, bright scarlet flower	.25	2.50
Splendens carminea (new). Splendid rose carmine. Dwarf	.50	
Splendens gigantea. Attains the enormous height of 7 feet, highly recommended for groups or as an individual specimen	.50	
Splendens pendula. Drooping spikes	.25	2.00
Splendens, Boddington's Miniature. Early, dwarf, 12 in. and very free-flowering; covered the whole summer with large flower spikes of rich scarlet	.50	
Splendens, Zurich	.50	5.00

QUALITY VERBENAS

	Tr. pkt.	Oz.
Boddington's Mammoth Hybrids. A strain of very vigorous growth, producing trusses of large flowers of brilliant and varied colors. Mixed	$0.25	$1.00
Boddington's Mammoth Auricula-flowered. Large flowers with distinct white eye	.25	1.00
Boddington's Mammoth Blue	.25	1.00
Boddington's Mammoth Pink	.25	1.00
Boddington's Mammoth Scarlet Defiance. The finest scarlet sort	.25	1.00
Boddington's White (Candidissima). Pure White	.25	1.00
Boddington's Striped. Many colors	.25	1.00
Lemon (Aloysia citriodora)	.25	1.50

VINCA

	Tr. pkt.	Oz.
Alba. White	$0.15	$0.50
Rosea. Rose	.15	.50
Rosea alba. Rose and white	.15	.50
Mixed	.10	.40

We are headquarters for Sweet Peas of every description. Our Wholesale Catalogue of **Quality** Seeds and Bulbs (ready January 1st), contains 52 pages of **Seeds and Bulbs you need. Write for it today—a postcard will fetch it.**

ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th Street NEW YORK CITY

VALLEY

3-year
HAMBURG
$11.00 per 1000
WM. ELLIOTT & SONS
NEW YORK, N. Y.

Mention The Review when you write.

quantity of Gradus and other fancy peas changed hands at $7.50 per bushel, and the opinion was general that these peas next year must again be dear.

The Ewing Seed Co. has been incorporated at Nashville, Tenn., with a capital stock of $15,000. The incorporators are W. B. Ewing, J. I. Newsom, Jr., B. F. Wilkerson and William B. Shelton.

Sluis Seed Store, Chicago, reports the arrival this week of its first shipment of the season's European seeds. Their sources of supply have advised them that the late shipments this year are due to the bad weather which prevailed during harvest time.

The 1910 general catalogue of the Barteldes Steel Co., Lawrence, Kan., reached the Review December 18. It is an exception to the general run of seed catalogues in that it features a forage plant, alfalfa, instead of a garden vegetable, on its lithographed front cover. This is the forty-third annual edition of the Barteldes book.

The local paper at San Jose, Cal., gives a column write-up, with portrait, to L. Ki Soon, the Chinese foreman of the Sweeney farm of the Braslan Seed Growers' Co., at Fair Oaks, which includes 825 acres. It is stated that L. Ki Soon is 29 years of age, that he started with the Braslan interests twelve years ago and now receives a salary of $2,500 a year.

The general catalogue of W. W. Rawson & Co., Boston, reached the Review December 17. It is a book of 160 pages, 7x9¾, and is especially notable for its compactness. It does not look crowded, but there is no waste space. The cover is embossed, on rough stock, and both front and back there is a panel in which is pasted a picture in colors. The book is a McFarland product.

Right in the busy season, or before March 1, those seedsmen who do business in corporate organization will have to take time to figure up their net income in 1909 for the purposes of Taft's corporation tax. To comply fully with the law an inventory December 31 is necessary, which is to be compared with the inventory one year previous, but how many seedsmen took an inventory as of December 31, 1908?

In a circular sent to watermelon growers, W. M. Girardeau & Son, Monticello, Fla., for whom R. L. Eaton now is manager, say: "We select our seeds from the largest and most perfect melons. We cut off both ends of these melons and take our select seeds from the middles only. These seeds we think are the best. Of course seeds saved in this way

RELIABLE SEEDS, SOW NOW

			Trade pkt.	
Begonia Gracilis Luminosa, best scarlet bedder		6 tr. pkts.,	$ 2.50	$0.50
Begonia Zangen's New Pink Bedding Queen, best pink bedder		6 "	2.50	.50
Echeveria Woodlawn, new, ready in 6 months		1000 seeds,	2.00	.50
Myosotis Winter Queen, finest for greenhouse cut		oz.,	4.00	.50
Petunia, Zangen's selections of double fringed giants		6 tr. pkts.,	5.00	1.00
Petunia, Zangen's single ruffled and fringed hybrids		6 "	5.00	1.00
Phlox Drummondi, nana compacta, Fireball	Best for pot use.	oz.,	3.00	.40
Phlox Drummondi, Roseball		"	2.00	.30
Phlox Drummondi, nana compacta, Snowball		"	3.00	.40
Salvia Zangen's Fireball, finest for pot use	Unexcelled strain of my own raising.	"	4.00	.50
Salvia Zangen's King of Scarlet, best late		"	10.00	.50
Salvia Zurich, most valuable for early pot use		"	8.00	.50
Stocks, Beauty of Nice, Daybreak, White, best for cutting, each, separate		"	4.00	.50
Verbena Mammoth, auricula flowered, blue, pink, purple, scarlet, striped, white, each, separate		"	1.50	.25
Mixed colors		"	1.25	.20

My new list will be ready in a few weeks. Ask for same.

O. V. ZANGEN, Seedsman, Hoboken, N. J.

FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Extra Early Hohenzollern, white, rose, The Bride	$0.20	$1.00
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple	.20	1.00
Giant Comet, The Bride, rose, yellow, blue, white, peach blossom	.20	1.00
Vick's Branching, white, lavender, light blue, purple, crimson, pink, rose	.20	1.00
Queen of the Market, white, pink, light blue	.10	.50
American Beauty	.20	1.50
Lavender Gem	.20	1.50
Snowdrift	.20	1.50
Antirrhinum—Giant, white, striped, scarlet, yellow, garnet	.10	.40
Pansy—Currie's International mixture	⅛ oz., $1.25;	.50	8.00
Giant Florists' Mixture	⅛ oz., .60;	.35	4.00
Salvia—Splendens	.15	1.00
Bonfire	.25	2.00
Zurich	.25	2.50
Verbena—Mammoth, white, pink, purple, blue, yellow, scarlet	.20	1.00

Send for new Catalogue and Trade Price List.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

Mention The Review when you write.

Lilies of the Valley

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

BERLIN PIPS—Early Forcing Variety

$13.00 per 1000; $1.50 per 100.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, 3040 Madison St., CHICAGO

Mention The Review when you write.

LILY OF THE VALLEY

FOR PROMPT DELIVERY

EXPOSITION GRADE. This is an extra fancy grade of Berlin crowns. There are never enough of them to supply the demand. Out of Mr. Reimschneider's entire growing, he usually has only 50,000 to 75 000 of this grade, which is evidence of the care with which they are selected. **In cases of 2000 crowns, at $32.00 per case; $17.00 per 1000.**

PERFECTION GRADE. This is a true Berlin, extra selected, 3-year-old straight, long, clean crown with long fibrous roots. Under proper treatment, they force out with tall racemes, bearing the maximum number of large bells, free from decay at the bottom. The foliage is ample but not too abundant. **In cases of 1000 pips, at $14.00 per case.**

HOLSATIA GRADE. These are suitable for later forcing, or for cold storage purposes, and are highly recommended to seedsmen. Very fine selected 3-year-old Hamburg Pips, very heavy roots, extra strong growth. Will hold over well in cold storage and produce good flowers the following fall. **In cases of 2500 pips, at $30.00 per case; per 1000, $13.50.**

HYDRANGEA OTAKSA. Pot-grown, fine plants, in 6-in. pots, $15.00 per 100.

JACKSON & PERKINS CO., NEWARK, NEW YORK

Mention The Review when you write.

Sow Now

Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, we shall be glad to mail one on receipt of a postal.

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

Mention The Review when you write.

COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

P. O. Box 1250 26 Barclay St., NEW YORK

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MICHELL'S SEEDS GIVE RESULTS

1018&518 MARKET STREET.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

Mention The Review when you write.

Dutch Bulbs, French Bulbs, Freesia, Easter Lilies, in Stock Now.

H. H. BERGER & CO., 70 Warren St., New York

Mention The Review when you write.

cost entirely too much to be sold by our seedsmen generally, who have to contend with sharp competition; they could not afford to even pay the cost of harvesting these select seeds and offer them in competition with seed grown in Kansas or Iowa at one-third the cost.''

FREDERICK W. EBERLE has purchased from Frank A. Sherman the interest of the latter in the seed firm of Sherman & Eberle, doing business at Albany, N. Y. This business started in 1898 under the firm name of Woodward, Sherman & Eberle, and upon the withdrawal of Mr. Woodward in 1902 was continued by the other partners under the name of Sherman & Eberle. The business has grown and has demonstrated that Albany is a good center for mail order as well as counter business.

IMPORTS.

The imports of seeds through the port of New York for the week ending December 11 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Anise	278	$4375	Grass	67	$ 740
Caraway	725	5145	Millet	200	616
Cardamom	6	172	Mustard	1100	8198
Castor	1391	4740	Poppy	200	965
Coriander	114	337	Rape	45	236
Cummin	56	731	Sug. beet	1495	11281
Fennel	6	119	Other	...	10072
Fenugreek	30	120			

In the same period the imports of bulbs, trees and plants were valued at $30,525; peas, $8,218, and beans, $10,729.

OPPOSE FREE SEEDS.

Representative Ralph W. Moss is the only farmer on the Indiana Congressional delegation. He has unexpectedly declared war on the custom of distributing garden and flower seeds free to the rural districts. He characterizes the time-honored custom as a useless, extravagant vote-getting practice.

In the distribution of committees Speaker Cannon put Farmer Moss on the

GLADIOLI

Society of American Florists

AND

Ornamental Horticulturists.

This is to Certify that

E. E. Stewart

is entitled to

HONORABLE MENTION

for Gladioli Fairy Queen, Lucille, Golden Queen, President Taft

Exhibited at Cincinnati, Ohio, August, 1909

J. Theo. Bentzien President *Willis N. Rudd* Secretary

GOLDEN QUEEN. Rich cream color, clear cut maroon blotch, early, $4.00 per 100; $30.00 per 1000.

PRES. TAFT. Large, well opened flower of good pink shade with darker stain on lower petals, immense in bulb, spike and flower, $3.00 per 100; $25.00 per 1000.

These varieties are good for cut flowers, are offered to the trade for the first time, and should be catalogued by all up-to-date houses.

AMERICA. 1½ to 2-inch, $30.00 per 1000. 2-inch and up, $35.00 per 1000.

I am headquarters for planting stock of **MME. MONNERET,** and can supply in large lots.

Contracts for crop of 1910 solicited. Send for list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

A Chance of Your Lifetime—Never to Return

Speak quick and have the benefit of the new tariff, while stock is on hand.

Prices are strictly net cash and not less than 1000 in a lot.

HYACINTHS

In separate colors.....$12.00 per 1000 Extra, to name, fine stock.....$22.00 per 1000

TULIPS

Single or double, in separate colors, $4.00 per 1000.

	Per 1000		Per 1000
Artus	$ 6.00	Rose Blanche	$4.00
Belle Alliance	10.00	Yellow Prince	5.00
Cardinal's Hat	5.00	La Candeur	8.00
Duchess de Parma	5.00	Rex Rubrorum	8.00

CROCUS

Striped, white and purple, $1.50 per 100.

A full line of **Boxwood**—all sizes, Deutzia Lemoinei, Lilacs and specimen Evergreens are now ready to be sent out.

F. W. O. SCHMITZ, - Prince Bay, N. Y.

Mention The Review when you write.

Winter Flowering Sweet Peas

We carry in stock, all the leading and up-to-date varieties, and have many testimonials as to quality and trueness of type. Write for our Spring Catalogue for varieties worth growing.

ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY

Always mention the Florists' Review when writing advertisers.

Committee on Expenditures in the Department of Agriculture. This is considered as one of the dead committees, but Mr. Moss expects to inject some life into it. He will insist, when the committee meets, that one of the best ways to lop off the expenses will be to stop the free seed distribution. He will follow this up by introducing a bill and speaking on it in the House when the opportunity offers.

VALLEY PIPS.

On the steamer President Grant, from Hamburg, arriving at New York December 16, there were the following consignments of lily of the valley pips:

Consignee.	Cases.
Darrow, H. F.	136
Hagemann, W., & Co.	377
Knauth, Nachod & Kuhne	26
Lunham & Moore	245
McHutchison & Co.	5,085
Maltus & Ware	13
Stern, S.	64
Thorburn, J. M., & Co.	36
Vandegrift, F. B., & Co.	100
To order	192
Total	6,274

ONE HUNDRED YEARS AGO.

The wholesale prices of garden seeds 100 years ago were, at the lowest, 300 per cent higher than prices for the same seeds at present; really, in many cases, 500 or 600 per cent higher than at present and, in the case of spinach, 1,000 per cent higher. In proof of all this, I have before me a copy of a bill against Samuel Clarkeson Co., Natchez, Miss., April, 1819, in which bill the wholesale prices are as they appear in the first column. The second column shows the percentage of cost over the present usual wholesale prices.

		Per Cent.
Beans, Brown Valentine, per bu.	$ 8.00	250
Cabbage, Early York, per lb.	3.00	300
Squash, Long Green, per lb.	1.00	300
Carrot, Long Orange, per lb.	1.50	350
Onion, Yellow, per lb.	2.00	350
Pea, Marrowfat, per bu.	8.00	400
Pea, Early Frame, per bu.	12.00	400
Radish, Scarlet Turnip, per lb.	1.00	400
Radish, Black Spanish, per lb.	1.00	400
Radish, Long Salmon, per lb.	1.00	400
Cantaloupe, Nutmeg, per lb.	2.00	500
Head lettuce, fine, per lb.	2.00	500
Beet, Long Red, per lb.	1.50	500
Parsnip, Hollow Crowned, per lb.	1.00	600
Lettuce, Green Coss, per lb.	3.00	700
Turnip, Early Dutch, per lb.	1.50	700
Spinach, Round Seeder, per lb.	1.00	1,000

And the charge for strapping box and porterage was $2.

But even under these excessive prices, there was no greater profit than there is now, as the cost of seeds was 300 to 400 per cent greater than now, as for example: Beet, lettuce, cantaloupe, cucumber, and onion seed brought the seedfarmer $1 per pound, while peas and beans brought the grower $6 or $7 per bushel; consequently, in spite of the prices obtained 100 years ago, the percentage of profit did not bring the merchant any greater gain than do the present prices; whereas, now the greater field for business and the greater ability of people to buy is as twenty to one, therefore, no one wishes to return to the conditions of olden times.

Burnet Landreth.

THE SITUATION IN HOLLAND.

The Holland bulb and seed growers have contended with unfavorable weather conditions ever since the spring of this year, and conditions have not yet changed in their favor. At the end of November much anxiety resulted among the bulb growers because of the sharp frost and the prospect for an early advent of winter. The season for planting having

Bridgeman's Seed Warehouse
Established 1824. RICKARDS BROS., Props.
Importers and Growers of High-grade
SEEDS, BULBS, PLANTS, Etc.
37 East 19th Street, Telephone 4285 Gramercy NEW YORK CITY

GIANT SNAPDRAGONS
You can plant nothing more profitable in the space vacated by the mums. Plant right in the same soil, after adding a little bone or sheep manure. We have a fine lot of plants grown for this special purpose; nice bushy plants, from 3 in. pots, ready to come right up in bloom in short time. White, yellow and pink, at $2.00 per 100; $18.00 per 1000. PANSIES, Imperial Giant strain, stocky, field-grown, fine for cut flowers. $3.50 per 1000.
Cash, please, or in exchange for Geraniums, Gladioli, Dahlias, etc.
IMPERIAL SEED & PLANT CO., Grange, Baltimore, Md.
Mention The Review when you write.

XXX SEEDS
ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.
PETUNIA GIANT, single fringed, large and fine, pkt., 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.
COLEUS, New Hybrids, finest colors, pkt., 20c.
GIANT PANSY, finest grown, critically selected 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.
CHINESE PRIMROSE, finest grown, single and double, 500 seeds $1.00; ½ pkt., 50c.
PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.
CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.
CASH. Liberal extra count.
JOHN F. RUPP, Shiremanstown, Pa.
RUPPTON: The Home of Primroses
Mention The Review when you write.

OUR SPECIALTY
Next fall will be
Lycoris Squamigera (Amaryllis Hallii).
Home-grown Liliums.
All varieties of German and Japan Iris.
Write for prices.
JOHN LEWIS CHILDS, Floral Park, N. Y.
Mention The Review when you write.

CENTRAL SEED AND BULB CO.
WHOLESALE GROWING
OUT-OF-DOOR BULBS
52 Wabash Ave., CHICAGO
Gardens at Benton Harbor, Mich.
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RAWSON'S
Arlington Tested
for the
Seeds FLORIST
Catalogues mailed free
W. W. RAWSON & CO., Seedsmen
5 Union St., BOSTON, MASS.
Mention The Review when you write.

LILIUM GIGANTEUM
7/9, fine bulbs, ready for delivery from cold storage as desired, $8.50 per 100; $80.00, 1000.
SEEDS AND FLORISTS' SUPPLIES
Money-saving-price-lists—Free.
D. RUSCONI, 128 W. 6th St., CINCINNATI, O.
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Winter-flowering Sweet Pea Seed
All colors. Send for list.


This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas
ANT. C. ZVOLANEK, Bound Brook, N. J.
Mention The Review when you write.

Surplus Bulbs

	Per 100
HYACINTHS	
Double Named	$4.50
Double Unnamed	2.85
Single Unnamed	2.85
DOUBLE TULIPS	
Imperator Rubrorum	2.25
Rex Rubrorum	1.65
Superfine Mixed, early	.75
SINGLE NARCISSUS	
Princeps Maximus	2.25
Golden Spur	1.75
Poeticus Burbidgii	.50
DOUBLE NARCISSUS	
Albo Pleno Odorato	.50
Von Sion, true Daffodil	1.00
Von Sion, double nose	1.80
Mixed	.80
Polyanthus Narcissus Mixed	.85

To secure these prices, must mention this paper.
JAMES VICK'S SONS, Rochester, N. Y.
Mention The Review when you write.

Surplus Bulbs
To close out. Best stocks.

	Per 1000
UNNAMED HYACINTHS	$18.00
Miniature Hyacinths	12.00
VON SION NARCISSUS, 1st size	9.00
" " double crown	14.00
LILY VALLEY, best early forcing	12.00

W. C. BECKERT, Seedsman
Northside, PITTSBURG, PA.
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LILIES
Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.
E. S. MILLER
Wading River, Long Island, N. Y.
Mention The Review when you write.

Edward Reid, Select Carnations, My Maryland, Killarney, Orchids, Valley and Seasonable Cut Flowers
WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa. WILD SMILAX FOR THE DECORATOR
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 22.

	Per doz.
Beauty, Specials	$7.50 to $12.00
" Extra	5.00 to 6.00
" Medium	3.00 to 5.00
" Short	1.50 to 2.00
	Per 100
Killarney, My Maryland, Select	$12.00 to $20.00
" " Ordinary	4.00 to 10.00
Bride, Maid—	
Select	10.00 to 15.00
Ordinary	4.00 to 8.00
Richmond, Jardine, Select	12.00 to 20.00
" " Ordinary	4.00 to 10.00
Carnations, Fancy and Red	8.00 to 12.00
" Select	5.00 to 6.00
" Ordinary	3.00 to 4.00
Harrisii Lilies, per doz., $2.00	
Callas, per doz, $2.00 to 2.50	
Adiantum	1.00
Asparagus Plumosus, strings	50.00
" " sprays 50c	
" Sprengeri " 50c	
Smilax	15.00
Valley	3.00 to 5.00
Cattleyas, doz. $9.00 to $10.00	
D. Formosum, each, 40c to 50c	
Cypripedium, each, 15c	
Gardenias, Fancy, doz. $6.00 to $7.50	
" Shorts " 4.00 to 5.00	
Violets, Double, Fancy	1.25 to 1.50
" Ordinary	.75 to 1.00
Violets, Single, Fancy	1.00 to 1.50
" Ordinary	.30 to .75
Sweet Peas	1.00 to 1.25
Bouvardia	3.00 to 4.00
Yellow Daisies	2.00 to 3.00
White "	1.50 to 2.00
Mignonette	3.00 to 5.00
Pansies	.75 to 1.00
Snapdragon	1.00 to 1.50
Romans	2.00 to 4.00
Paper Whites	2.00 to 4.00
Poinsettias, doz., $3.00 to $5.00	

St. Louis, Dec. 22.

	Per doz.
Beauty, Specials	$8.00 to $12.00
" Extra	4.00 to 6.00
" Shorts	1.00 to 2.00
	Per 100
Bride and Maid, Specials	$ 6.00 to $10.00
" " No. 1	3.00 to 15.00
Richmond	6.00 to 15.00
Carnot	6.00 to 15.00
Ivory	6.00 to 15.00
Killarney	6.00 to 15.00
Carnations, Fancy	6.00 to 8.00
" Common	3.00 to 4.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets, Single	2.00 to 3.00
" Double	2.00 to 3.00
Romans	2.00 to 3.00
Paper Whites	2.00 to 3.00

been retarded by bad weather, it meant that many thousands of the stock bulbs would be left unplanted should the ground freeze, and extra pressure has been put on to get the planting finished. The seed growers have been having unusual difficulty in getting their crops in shape for delivery. The wet autumn retarded harvest and caused much loss, and the cold and wet have interfered with the work in the warehouses, where artificial heat has been required.

November was an extremely good month for the cleaning up of surplus lots of bulbs. Gladioli have been in especially good demand and there is now little in the way of surplus stock left on hand. Spiræas have been steadily advancing in price and the market is practically bare of good stock.

Fancy Carnations, Easter Lilies, Valley,
Choice Brides, Killarney, White Killarney, Maryland, Poinsettias
Open from 7:30 a. m. to 8 p. m.
Philadelphia Cut Flower Company Wholesale Flowers
We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA
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Choice Roses, Valley, Carnations and Adiantums. Open 7 a. m. to 8 p. m.
BERGER BROS., WHOLESALE FLORISTS 1805 Filbert Street Philadelphia
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CHRYSANTHEMUMS : BEAUTIES : VIOLETS
Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.
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FANCY CARNATIONS, MUMS AND MY MARYLAND
SAMUEL F. LILLEY. Wholesale Florist
A good market for more Choice Flowers
1514 Sansom St., PHILADELPHIA, PA.
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WM. J. BAKER, Single Daffs and Callas
Wholesale Florist
1432 So. Penn Sq., PHILADELPHIA, PA.
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H.G.Berning
WHOLESALE FLORIST
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C. A. KUEHN WHOLESALE FLORIST...
Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
1122 Pine St. - ST. LOUIS, MO.
Mention The Review when you write.

Wm. C. Smith
Wholesale Floral Co.
Wholesale Florists
1316 Pine St. Both L. D. Phones ST. LOUIS
Supplies and Everything in Season always on hand

ROSES
J. W. YOUNG
Upsal Station, P. R. R., GERMANTOWN, PHILA.

CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
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CATALOGUES RECEIVED.

W. K. Nelson, Augusta, Ga., field-grown roses; Scott Bros., Elmsford, N. Y., chrysanthemums, roses, carnations, etc.; Franz Birnstiel, Coburg, Germany, fancy baskets, ferneries, vases, table decorations, flower stands, etc.; Roustan Servan & Co., St. Remy de Provence, France, flower, vegetable and field seeds; the Livingston Seed Co., Columbus, O., separate wholesale and general lists of seeds; the Aggeler & Musser Seed Co., Los Angeles, Cal., seeds and supplies; John C. Moninger Co., Chicago, Ill., catalogue of greenhouse materials, also separate catalogue of boilers and heating systems; Hoskins Floral Co., Bismarck, N. D., retail list of Christmas flowers and plants; Wild Bros. Nursery Co., Sarcoxie, Mo., Christmas trees and greens; W. W. Rawson & Co., Boston, Mass., seeds, bulbs, plants and supplies; John M. Bell, Glencoe, Ill., holiday circular on plants and decorative materials; Pape & Bergmann, Quedlinburg, Germany, flower and vegetable seeds; the Barteldes Seed Co., Lawrence, Kan., seeds and supplies; the Griffing Bros. Co., Jacksonville, Fla., trees, shrubs and other nursery stock; C. N. Wettengel, Macomb, Ill., peonies.

CONCORD, N. H.—E. G. Blagrave, grower for G. J. Benedict, has returned from a three months' vacation, spent in England.

KENNETT SQUARE, PA.—The greenhouse and mushroom plant of Walter A. Scarlett was destroyed by fire December 13. The loss was about $7,000. The fire was supposed to have been caused by an overturned lamp.

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WHOLESALE COMMISSION FLORIST
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Green and Brown,
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Wholesale Cut Flower Prices.

Buffalo, Dec. 22.

	Per doz.
Beauty, Specials	$12.00
" Fancy	10.00
" Extra	7.50
" Firsts	5.00
" Shorts	2.40
	Per 100
Bride, Killarney and Maid, Special	$25.00
" " " No. 1	15.00
" " " No. 2	10.00
" " " Shorts	$ 6.00 to 8.00
Richmond	10.00 to 25.00
White Killarney	15.00 to 25.00
Maryland	15.00 to 25.00
Carnations	4.00 to 8.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	15.00 to 20.00
Ferns per 1000,	$1.50
Galax "	1.50
Chrysanthemums	8.00 to 25.00
Violets	1.50 to 2.50
Paper Whites	3.00 to 4.00
Stevia	1.00 to 1.25
Romans	3.00 to 4.00

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I SHOULD rather miss my meals than miss the REVIEW, the brightest and best trade paper I ever had. No florist, however small, should be without it.—GEORGE TAYLOR, Lethbridge, Can.

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THE ad we had in your paper the last two months certainly kept us what they call "humping," for orders came in every day and they are coming yet. I am certainly more than satisfied.—WILLIAM EHMANN, Corfu, N. Y.

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Wholesale Cut Flower Prices.

New York, Dec. 22.

	Per 100
Beauty, Specials	$50.00 to $100.00
" Fancy	40.00 to 50.00
" Extra	25.00 to 40.00
" No. 1	10.00 to 15.00
" No. 2	3.00 to 8.00
Bride and Maid, Specials	10.00 to 15.00
" " Extra	8.00 to 10.00
" " No. 1	4.00 to 6.00
" " No. 2	2.00 to 4.00
Richmond	2.00 to 25.00
Chatenay	2.00 to 25.00
Killarney	2.00 to 25.00
My Maryland	2.00 to 25.00
Orchids	60.00 to 100.00
Carnations, Common	1.00 to 2.00
" Select and Fancy	2.00 to 6.00
" Novelties	6.00 to 8.00
Chrysanthemums	10.00 to 25.00
Adiantum Cuneatum	.25 to .50
" Croweanum	.50 to 1.00
Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
Smilax	6.00 to 12.00
Lilies	8.00 to 12.00
Lily of the Valley	2.00 to 5.00
Gardenias	25.00 to 50.00
Violets	.50 to 1.25
Callas	6.00 to 10.00
Cypripediums	10.00 to 12.00
Sweet Peas...per bunch, 5c to 10c	
Narcissus	1.00 to 3.00
Roman Hyacinths	1.00 to 3.00

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PRICE LIST

	Per 100
Killarney	$6.00 to $15.00
Richmond	6.00 to 15.00
W. Killarney	6.00 to 15.00
My Maryland	6.00 to 15.00
Maid	6.00 to 15.00
Bride	6.00 to 15.00
Carnations	3.00 to 5.00
Violets, fancy N. Y. doubles	1.25 to 1.50
Violets, single	1.00 to 1.50
Sweet Peas	1.50
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.25
Ferns, per 1000, $2.00	

Extra Fancy billed accordingly

Prices NOT subject to raise without notice to regular customers.

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Write for Special Prices.

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Wholesale Cut Flower Prices.

Chicago, Dec. 22.

	Per doz.
Beauty, long stems	$12.00
" 36-in. "	10.00
" 30-in. "	9.00
" 24-in. "	8.00
" 20-in. "	6.00
" 15-in. "	$3.00 to 4.00
" 12-in. "	2.00
" short "	1.50
	Per 100
Bridesmaid, Special	$12.00 to $15.00
" Firsts	8.00 to 10.00
" Short	5.00 to 6.00
Bride, Special	12.00 to 15.00
" Firsts	8.00 to 10.00
" Short	5.00 to 6.00
Richmond, Specials	20.00 to 25.00
" Firsts	10.00 to 15.00
" Seconds	6.00 to 8.00
Uncle John, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Short	5.00 to 6.00
Killarney, Specials	20.00 to 25.00
" Firsts	12.00 to 15.00
" Seconds	6.00 to 10.00
White Killarney, Specials	20.00 to 25.00
" " Firsts	12.00 to 15.00
" " Seconds	6.00 to 10.00
My Maryland, Specials	20.00 to 25.00
" Firsts	12.00 to 15.00
" Seconds	6.00 to 10.00
Mrs. Jardine, Specials	20.00 to 25.00
" Firsts	12.00 to 15.00
" Seconds	6.00 to 10.00
Cardinal	15.00 to 50.00
Perle	8.00 to 12.00
Carnations, Select	4.00 to 6.00
" Fancy	8.00
Violets	1.25 to 2.00
Sweet Peas	1.00 to 1.50
Bouvardia	3.00 to 8.00
Stevia	1.50 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Cattleyas, per doz	$9.00-12.00
Easter Lilies, per doz	$2.00-2.50
Callas, per doz	$2.00
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays	bunch, 35c-75c
" Sprengeri	" 25c-35c
Ferns	per 1000, $2.00 .25
Galax	" 1.00 .15
Adiantum	.75 to 1.25
Farleyense	3.00 to 12.00
Smilax, per doz	$1.50--2.00
Leucothoe	.75
Boxwood	$7.50 per case

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	Per doz.
Beauty, Specials	$10.00 to $12.00
" Fancy	6.00 to 8.00
" Medium	4.00 to 5.00
" Short	1.50 to 3.00
	Per 100
Bride and Bridesmaid, Fancy	$20.00 to $25.00
" " Medium	10.00 to 15.00
" " Short	6.00
Richmond	15.00 to 40.00
Killarney	15.00 to 25.00
White Killarney	15.00 to 25.00
My Maryland	15.00 to 25.00
Carnations	6.00 to 12.00
" ordinary	3.00 to 4.00
Adiantum	1.00 to 1.50
Smilax	15.00 to 20.00
Valley	4.00
Lilies	12.00 to 15.00
Roman Hyacinths	1.50 to 4.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.00
Mignonette	6.00
Cattleyas	75.00 to 100.00
Daisies	2.00 to 3.00
Violets	1.50 to 2.00
Stevia	1.50

Cincinnati, Dec. 22.

	Per 100
Beauty, Extra	$50.00 to $75.00
" No. 1	25.00 to 50.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	10.00
My Maryland	6.00 to 20.00
Kaiserin Victoria	6.00 to 25.00
Rhea Reid	6.00 to 20.00
Carnations	3.00 to 6.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Mums.....per doz., $2.00 to $3.00	
Baby Primrose	.50
Snapdragon	3.00 to 4.00

Boston, Dec. 22.

	Per 100
Beauty, Specials	$40.00 to $75.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	3.00
Chatenay	4.00 to 10.00
Killarney	4.00 to 16.00
Liberty, Richmond	4.00 to 30.00
My Maryland	4.00 to 12.00
Carnations, Special	5.00 to 6.00
" Select	4.00
" Ordinary	2.50 to 3.00
Cattleyas	50.00
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.75 to 1.00
Lilium longiflorum	10.00 to 12.50
Violets	.75 to 1.25
Chrysanthemums	6.00 to 15.00
Gardenias	20.00 to 35.00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1.50 to 2.50
Roman Hyacinths	1.50 to 2.50
Mignonette	3.00 to 5.00
Bouvardi	2.00 to 4.00
Callas	8.00 to 12.00

I FIND the REVIEW a cheer-up when one has the blues.—GEORGE SCHUBERT, West Hoboken, N. J.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

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A trial order solicited.

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Bowling Green, Ohio

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All Seasonable Flowers

Wild Smilax.....per case of 50 lbs., $4.50
Fancy and Dagger Ferns.....per 1000, 1.00
Green and Bronze Galax.....per 1000, .65

Pittsburg Florists' Exchange

15 Diamond Square. PITTSBURG PA

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THE REVIEW is like one of the firm. We cannot get along without it. It works while we sleep.—RONEY BROS., West Grove, Pa.

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We are also commission dealers in Cut Flowers and Green Goods and jobbers in all kinds of Florists' Supplies. American Beauties our specialty.

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Everything a Florist Uses

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Wholesale CUT FLOWERS

and Florists' Supply House

937 Liberty Ave., PITTSBURG, PA.

Mention The Review when you write

PACIFIC COAST.

Sacramento, Cal.—J. W. Evans, of this city, has opened a branch store in the Ellis block, Marysville, Cal., and appearances seem to indicate that he will have a flourishing trade at the new place. While all the stock will at first be shipped from this city, it is said that greenhouses will be erected near Marysville as soon as Mr. Evans can secure a suitable tract of ground.

SEATTLE.

The Market.

With a prosperous Thanksgiving to look back upon, the craft have high expectations of a profitable Christmas rush and are preparing accordingly. Good stock, also, is more plentiful and no trouble is expected from this source, as in other years. Every season has added one or two new growers, causing an increase in the output of stock. This, together with our improved connections with California, makes our opportunities far better.

Potted plants, such as azaleas, poinsettias and the bulbous stock, are none too plentiful. However, the supply is equal to the demand. Chrysanthemums are gaining rapidly in quality and there is a plentiful supply of such sorts as Bonnaffon and Timothy Eaton, as well as the numerous smaller varieties. Thus, with the elegant violets and orchids to please the eye, there is plenty of choice. Moreover, these have been backed during the last week with quite a number of Easter lilies and valley, besides narcissi and poinsettias. Everybody has a large stock to display.

Christmas greens, of which many varieties are to be had in this locality, made their appearance early last week. In fact, everything has taken on a Christmas air. English holly, which is selling steadily at $1 to $1.50 per pound, must be spoken of specially, for it certainly is fine stock and a ready seller.

During the last ten days, funeral work and a few small decorations, along with a good transient trade, have moved the surplus stock well. As a general rule, only the best of everything is shown in the stores.

Various Notes.

Mr. Lamley has returned from an extended eastern trip. Wm. Billingsley, also of the McCoy firm, expects to have his twenty acres of Yakima land in fruit by spring.

Rosaia Bros. sprung a surprise by holding a chrysanthemum show last week, with large crowds attending.

W. G. Hopkins, formerly connected with the Seattle Carnation Co., has begun building a modern King Construction Co. house, 50x300 feet, with the intention of adding more houses later. This will probably be among the most modern houses on the coast.

Graff's Flower Shop has created a sensation with several attractive novelties for Christmas business. Mr. Graff was among the Seattle fans on their recent trip to the bowling matches at Tacoma.

Albert Crause, of Sandahl & Son, reports a brisk trade during the fall in both nursery stock and flowers.

Mr. Johnson, of the Fremont Floral Co., has had great success since opening his new place and has fine prospects of future business. Thos. B. Pritchard, manager of Graff's Flower Shop, had an interesting article on "Florists' Salesmanship" in a recent issue of the Salesman's Magazine. J. G. C.

SAN FRANCISCO.

The Market.

We had a splendid change in the weather last week, bright, sunshiny days and cool nights, with a touch of frost in the mornings, being the ideal we are now experiencing. The present weather, however, was preceded by several days during which we had a few degrees of frost, and some cold north winds. The general effect, up to the present time, has been to make outside flowers rather scarce; in fact, everything, with the exception of violets, Paper White narcissi and chrysanthemums, has disappeared from the field. Of the latter flower there are still fair quantities being brought into town, of good quality. The Chinese growers have raised the prices fully 100 per cent in the last ten days, and even under the most favorable

Rooted Carnation Cuttings

Pacific Coast Headquarters for quantity and quality

We ship and guarantee delivery in good condition to all parts of United States and Canada.

FOR IMMEDIATE DELIVERY

	Per 100	1000		Per 100	1000
4,000 Aristocrat	$2.00	$15.00	6,000 Sarah Hill	$2.00	$17.00
4,000 Winsor	1.75	12.00	3,000 White Lawson	2.00	15.00
10 000 Enchantress	1.80	15.00	5,000 O. P. Bassett	4.00	35.00
8,000 Rose-pink Enchantress	1.50	12.00	5,000 Beacon	2.00	18.00
3,000 Mrs T. W. Lawson	1.50	12.00	20,000 Victory	1.75	15.00
15,000 White Enchantress	2.25	20.00	2,000 Gov Roosevelt	1.40	12.00
12,000 White Perfection	2.25	20.00	2,000 Harlowarden	1.40	12.00

Also many other varieties; send for list. Express prepaid on all orders amounting to $5.00 or more. Cash, please.

B. S. BASSETT'S FLORAL GARDENS, Loomis, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

Taken from plants grown in the open field the year round. Ready for immediate delivery.

	Per 100	1000		Per 100	1000
PINK			**RED**		
Winona, light pink	$3.00	$25.00	Beacon	$2.25	$20.00
Enchantress, shell pink	1.80	15.00	Victory	1.75	15.00
Winsor, light pink	1.75	12.00	Red Lawson	1.25	8 00
Rose-pink Enchantress	1.50	12.00	Estelle	1.15	12.00
Nelson Fisher, cerise	1.25	10.00			
Mrs. T. W. Lawson, cerise	1.75	15.00	**WHITE**		
CRIMSON			White Perfection	2.25	20.00
Harlowarden	1.40	12.00	White Enchantress	2.25	20.00
YELLOW—Eldorado	1.50	12.00	White Lawson	2 00	15.00
			Flora Hill	1.50	

Asparagus Plumosus Nanus, 2½ to 3-in. pots, $15.00 per 1000, f. o. b.

25 of any one variety, at 100 rate; 250 of any one variety, at 1000 rate. Express charges prepaid on all orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Demand Exceeds Supply

About to close order-book.
Order before too late.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in.. buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Asparagus Plants

350,000 1-year.

Leading varieties. Write for prices.

Orders booked now for **Red Loganberry** and **Mammoth Blackberry Plants.**

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

GIANT BAMBOOS

In Quantities

The plant that brings in the money, because it is an attractive feature in any garden.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.



New Reduced Price List

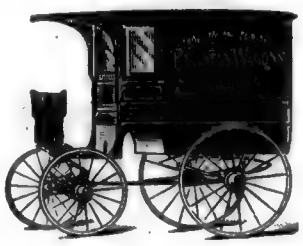
	Per doz.	100
To fit 4-in. pots.	$1.00	$ 7.00
To fit 5-in. pots.	1.10	8.00
To fit 6-in. pots.	1.20	9.00
To fit 7-in. pots.	1.35	10.00
To fit 8-in. pots.	1.60	12.00
To fit 9-in. pots.	1.85	14.00
To fit 10-in. pots.	2.10	16.00
To fit 12-in. pots.	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

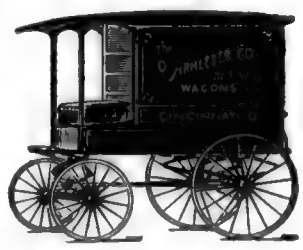
Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
W. H. GREVER, Manager
146 Hughes Avenue, BUFFALO, N. Y.

DON'T YOU DO IT



When somebody tells you to buy a certain wagon because it is cheaper than others, don't you do it. Show him that you know what economy is—buy an **Armleder** and be safe.

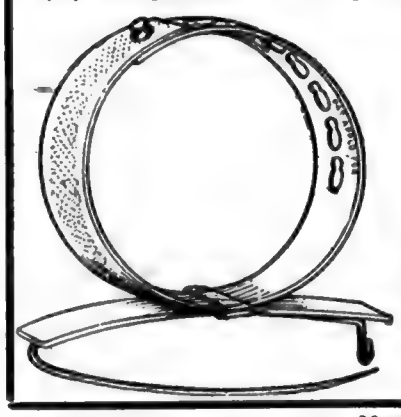


It will not cost you anything to investigate and you owe it to yourself to do so. You need our Catalogue I. It's free, but you must ask for it. Easy terms if desired.

Just Address **ARMLEDER, Cincinnati, Ohio**

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Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, **25c each,** by mail postage paid. **By the dozen, $3.00,** postage paid. Correspondence solicited.

Address
ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.

Krick's Florist Novelties



Manufacturer and patentee of the Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc. (every letter marked). Send for price lists. Sample pair of Pot Handles 10c postpaid. Just the thing for plant growers; will sustain a weight of 100 lbs.

1164-1166 Greene Ave., BROOKLYN, N. Y.



Mention The Review when you write.

conditions the prices may be expected to go higher before Christmas.

Violets, although in rather short supply, have not been raised in price by the growers. Owing to the excess of moisture earlier in the month, the length of stem and size and texture of flower have been all that could be desired. With carnations, the indications are that, if we are treated to fair weather between now and the holidays, we will have an abundant supply. At the present writing Enchantress, Winsor, White Enchantress, Harlowarden, Estelle, and other first-class varieties, cost the stores at the rate of $4 per hundred, while smaller flowered sorts and shorter stemmed stock sell at about $2.50 per hundred.

In the line of roses, Beauties still continue to be in short supply. Fancy stock of this variety is exceptionally scarce, while with Brides and Maids there is a much better showing, and plenty of first quality blooms can be had at the rate of $8 per hundred. There is a heavy demand for red roses, and only a few Liberties are being brought into town.

California red berries, which usually at this time of the year are eagerly bought up by the jobbers and green goods men, have been sent into town in such enormous quantities that the market, at the present time, is practically flooded. First quality stock sold for $65 per ton prior to Thanksgiving, but subsequent enormous shipments flooded the market and the price rapidly declined until it has been possible to obtain all the berries wanted at the rate of $40 per ton landed at the stores. Should we have any excessively cold weather, as we had on two former years, within the next few days, there is a possibility that berries may yet advance rapidly in price.

Potted poinsettias have made their appearance in the shop windows. Good stock in 6-inch and 7-inch pots is being held at from 75 cents to $1 each and from that price down to 50 cents for short stock in pots and pans. It is evident that there will be quite a shortage of cut poinsettias. Practically no stock is being shipped from the south and the local dealers have devoted their attention almost exclusively to pot grown stock.

Regarding other kinds of flowering plants in pots, there will be fair lots of Begonia Lorraine, cyclamen and primulas. Azaleas, owing to the fact that so much blind stock has been shipped to the coast this year, will be scarce. Many growers have been greatly disappointed in the quality of the European azaleas, and where large preparations have been made to have a large quantity of well-flowered plants at Christmas, merely green heads have been the result. The various varieties of nephrolepis are good sellers, and seem to be in better demand than anything else in the fern line. From present indications we should have a heavy holiday trade, and everyone is well stocked for the event.

Various Notes.

L. O. Beery has returned from a several months' trip to Holland and Belgium. He made large purchases of European nursery stock while abroad.

One of the large greenhouses recently constructed by Domoto Bros., of Elmhurst, Cal., was blown down by a storm which raged in that section on December 13. This house was 30x400 feet and had recently been used for the growing of chrysanthemums.

Bennett & Smith, of Fruitvale, Cal., are in line with a splendid stock of poinsettias and ferns for the holidays.

The Thorsted Floral Co., of Market street, have been offered a bonus of $3,000 for the lease they have of their store in the Phelan building.

H. Plath reports the heaviest trade he has ever experienced in the line of small seedling ferns for baskets and pans for the holidays.

R. B. Hunter, recently manager of the Germain Seed & Plant Co., of Los Angeles, is in town.

S. W. Marshall, the well known dealer of Fresno, Cal., is in town for a few days' visit. G.

Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross

NOTHING LIKE IT FOR THE MONEY

Gustave Schroeder, Artificial Flower Manufacturer

1524 Prospect Ave., Cleveland, O.

Samples sent on receipt of 16c to cover postage.

Mention The Review when you write.

LOS ANGELES, CAL.

The Market.

General business is none too good at present, there being the usual lull before Christmas. Everybody is preparing for a big holiday trade.

Carnations are scarce and prices are soaring. Paper Whites are arriving in great abundance. A few Romans are seen. Chrysanthemums are entirely out of the market. Violets are everywhere, and they are certainly fine. They bring from 5 cents a bunch on the street stands to 15 cents in the stores.

(Other Pacific Coast matter on page 17.)

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

APPLE orcharding as a commercial proposition is receiving greatly increased attention in New England and New York state. Baldwin is the variety most frequently planted.

THE M. J. Wragg Nursery Co., of Des Moines, Ia., has purchased forty acres of land four and a half miles north of that city, for $12,000. It is said that the land will be used principally for the growing of fruit.

JOHN T. WITHERS, the "tree doctor," has formed a corporation at Jersey City, N. J., with a capital of $25,000, for the purpose of carrying on business as landscape architects, gardeners, etc. His associates in the enterprise are E. Withers and J. F. Marion.

ARTICLES of association have been filed in the office of the county clerk of Alcona county, Michigan, by two allied corporations, for the purpose of conducting a nursery and other business in that county. One of the allied concerns is the Evergreen Tree Co., incorporated by William Eaton, Albert Shain, E. J. Kendall and J. S. Ferguson, with a capital of $80,000. The other is the Michigan Land & Title Co., incorporated by Albert Shain, J. C. Merrell and G. S. Ferguson, with a capital of $150,000.

AMERICAN PEONY SOCIETY.

The 1910 meeting of the American Peony Society will be held June next, at Horticultural hall, Boston, Mass. The exhibition will be held in connection with the regular peony show of the Massachusetts Horticultural Society. The exact date will be announced later.

A. H. FEWKES, Sec'y.

PROPAGATING PRIVET.

Can California privet be propagated in California by making cuttings of hard wood about two or three inches long next January or February and planting them about two inches apart each way in soil in flats? A. N.

This privet may be propagated either by soft-wood cuttings in summer in a frame or greenhouse, or by hard-wood cuttings. The usual plan adopted when hard-wood cuttings are used is to cut them off in late fall. Strip off all leaves, tie in bundles and bury over winter, planting them out in nursery rows as soon as the soil can be worked in early spring.

You should have no trouble in rooting them in flats, as spoken of, in sandy loam in a cool house, or a coldframe would answer fully as well in your latitude. We would suggest making the cuttings about six inches long, however. One advantage of planting them out directly into nursery rows is that there is less labor attached to this method of propagation, and the cuttings, if set four to five inches apart, can be left to grow into salable plants. Leave the rows two and one-half to three feet apart, to allow of horse cultivation. C.

EVERGREENS

Large stock, both seedlings and transplants, of Spruce, Pines, Firs, Cedars, Arbor-Vitæs, Hemlocks, Junipers, Yews. Millions of seedlings, also fine stock of specimens in larger sizes.

FOREST TREE SEEDLINGS

Immense stock of Catalpa Speciosa, Black Locust, Maples, Oaks, Lindens, Beech, Chestnut, Ash, Walnut, Elm, Box Elder, Birch, European Larch.

Advance Price List now ready.

D. HILL, Evergreen Specialist, Dundee, Ill.

Mention The Review when you write.

New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years GENEVA, N. Y. 800 Acres

Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES USN Co.

The United States Nursery Co
RICH, Coahoma Co., MISS.

Mention The Review when you write.

POT GROWN

Hydrangea Otaksa

Satisfaction or Your Money Back.

5-inch, fine stock...$15.00 per 100
4-inch, fine stock... 10.00 per 100

THE CARL HAGENBURGER CO.
West Mentor, Ohio

Satisfaction or Your Money Back.

Mention The Review when you write.

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) **Seedlings**
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart T. Blumschen La Fiamma
Trier Lady Gay Debutante
Dorothy Perkins Hiawatha

12c each

Tausendschon Barbier 20c each

Clematis Paniculata, field-grown, 1-year, 6c each.
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c.
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $3.00 per 100; $25.00 per 1000.
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Peonies a Specialty

Write us for latest price list

PETERSON NURSERY,
Stock Exchange Building. CHICAGO.

Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Roses At Special Prices For Immediate Delivery

See Column Adv., page 60, Nov. 4.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

DREER'S SEEDS are reliable

GROWERS of under glass crops place great confidence in our special strains of Vegetables. A few are offered herewith.

Lettuce, French Unrivaled—Similar to Big Boston but better. Forms large buttery heads, oz., 20c; ¼ lb., 60c; lb., $2.10, postpaid.

Radish, Dreer's Selected Cardinal Globe—The crisp little red radish that comes so early, ¼ lb., 25c; lb., 85c, postpaid.

Tomato, Best of All—Strictly a forcing variety. Deep scarlet and very productive, ½ oz. 20c; oz., 35c, postpaid.

All the best standard varieties of vegetable seeds are offered in our **Market Gardeners' Price List,** a copy of which we gladly send to those engaged in growing vegetables for market.

HENRY A. DREER

PHILADELPHIA, PA.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Dec. 21.—Leaf lettuce, 35c to 40c case; radishes, 35c to 50c doz. bunches; mushrooms, 25c to 35c lb.

BOSTON, Dec. 20.—Cucumbers, $4 to $8 box; lettuce, 35c to 60c box; tomatoes, 15c to 25c lb.; mint, 50c to 75c doz. bunches; radishes, $1 to $1.25 box; parsley, $1 box.

NEW YORK, Dec. 20.—Mushrooms in liberal supply and weak. Cucumbers in light receipts and steady. Scarcely any lettuce arriving. Mint dull. Radishes weak. Tomatoes firm. Cucumbers, 60c to $1 doz.; lettuce, 50c to $1 strap; mint, 35c to 50c doz. bunches; mushrooms, 20c to 45c lb.; radishes, $1 to $2 hundred bunches; tomatoes, 10c to 22c lb.

TO DISCOURAGE GREEN FLY.

In the department of Vegetable Forcing in the REVIEW of December 16 there were replies to two inquiries about getting rid of green fly on lettuce. My way of accomplishing this is to take fresh tobacco stems from a local cigar factory, dry them well, run them through a cutting machine and scatter them underneath the young lettuce plants. This is done right after transplanting and the stems are renewed when the crop is half grown. When one follows up this practice he is not troubled with green fly, but if the precaution is neglected, before one knows it his crop is "lousy." If once allowed to get a start the tobacco stems will not kill them off; they are a preventive, not a cure. It must be followed up continually, whether you see any bugs or not.

I have been growing lettuce for twelve or fifteen years and this is the best precaution I know of. I never fumigate my lettuce houses, or spray with any kind of nicotine, and am not much troubled with green fly. Be careful not to cover the young plants, but cover the soil under them. H. L. CLAPP.

GRAPES WITH INSIDE BORDER.

We are building a grapery and peach house, 25x66, with curvilinear eaves—no gutters or plates. One-half of this house will be used as a late grapery, with vines on both sides of the house. The builder has planned for an inside border only, claiming this to be an advantage over a border on the outside. The foundation walls of solid masonry will extend four feet below the floor level. The border will be three feet deep and extend the full width of the house. We desire to retard the vines as late in the spring as possible. Can this be successfully done with an inside border? E. K.

The idea that outside as well as inside borders are necessary for late grapes, is now pretty well exploded. About all the best growers of grapes, as well as peaches

Livingston's Famous Tomatoes

need no introduction to wide-awake market gardeners. A score of the best standard varieties were introduced by us and the name "LIVINGSTON" stands as a synonym for good Tomatoes. The enormous demand for our high grade tomato seed obliges us to grow tons of it every year. And still we never have enough to go around! The reason? We grow the best tomato seed on earth! Sold only under our "True Blue Seal."

Livingston's Globe First early, round, large, purple. Of finest quality! Great favorite in southern states. Pkt., **10c;** ½ oz., **20c;** oz., **30c;** ¼ lb., **$1.00.** Postpaid.

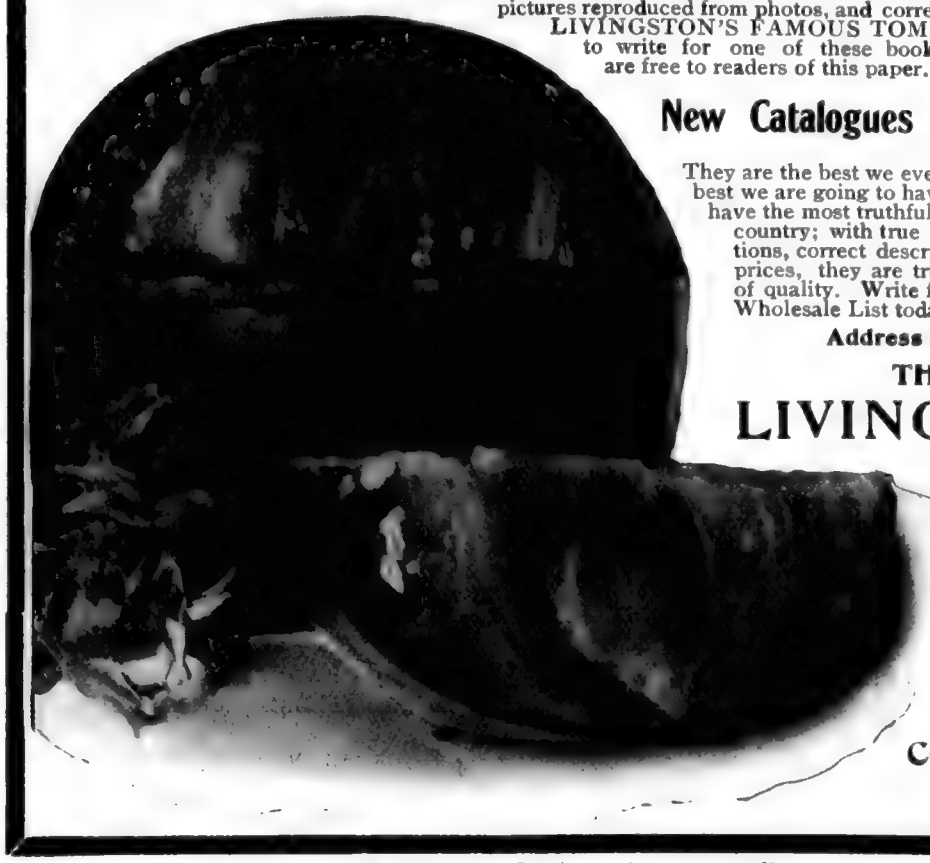
Livingston's Hummer Early, ball-shaped, bright red. Free from cracks, of desirable size and best quality. Pkt., **10c;** ½ oz., **20c;** oz., **30c;** ¼ lb., **80c.** Postpaid.

Livingston's Beauty (See illustration below.) The standard purple market tomato. Early, productive, fine for garden or greenhouse culture. Best quality. Oz., **20c;** ¼ lb., **50c;** lb., **$1.85.** Postpaid.

Livingston's Stone Finest main crop bright red sort. Greatest canning tomato in the world. Oz., **25c;** ¼ lb., **75c;** lb., **$2.60.** Postpaid.

Comet Tomato is a superior forcing variety of fine quality. Produces handsome clusters of from 6 to 10 perfectly ball-shaped fruits which average two inches in diameter. Extra selected stock grown on our farms. Pkt., **10c;** oz., **30c;** ¼ lb., **80c;** lb., **$3.10.** Postpaid.

All the above varieties and 16 others are fully described and illustrated in "TOMATO FACTS"—a unique 24-page de luxe booklet. Printed beautifully in two colors (the cover in four colors), it gives true pictures reproduced from photos, and correct descriptions of LIVINGSTON'S FAMOUS TOMATOES. Be sure to write for one of these booklets today. They are free to readers of this paper.



New Catalogues Ready Now

They are the best we ever had, but not the best we are going to have. Our aim is to have the most truthful catalogues in the country; with true to nature illustrations, correct descriptions and honest prices, they are true guides to seeds of quality. Write for ANNUAL and Wholesale List today.

Address Desk R,

THE LIVINGSTON SEED CO.,

COLUMBUS, OHIO

Mention The Review when you write.

Vegetable Seeds

FOR FORCING

Stokes' Standards are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ½ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb., 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 35c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb., 35c; lb., $1.25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

See our offer on "Forcing Gladiolus," page 74, Dec. 16 issue of the Florists' Review.

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

Thorburn's Seeds

Finest strain of Long Island grown

Early Jersey Wakefield Cabbage

and other high grade seeds for Market Gardeners and Florists. Send for prices.

J. M. THORBURN & CO.

33 Barclay Street, through to 34 Park Place, NEW YORK.

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

NEW
SEEDLING ROSE
Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

and nectarines, prefer to have their borders entirely inside, where they are under more perfect control. A depth of two and one-half feet is ample for grapes and you need not make up all the border at once; it is better if added to piecemeal. If your borders were entirely outdoors, your vines would not be any later than if the roots were under glass. I would certainly advise against any outdoor borders. With roots all under glass, you know where you have them and can be tolerably sure that they get the proper amount of moisture, which is less easy when they are outdoors. W. N. C.

LETTUCE AT GRAND RAPIDS.

The Grand Rapids Greenhouse Co. has two and a half acres of lettuce to cut for the holiday trade, but the officers do not feel as happy over the situation as they would if prices were higher. The selling price from the producer is now 5 to 6 cents a pound, but there is hope that better figures may be in effect later. Recently the company shipped a carload of the lettuce to Cincinnati, but while there was a fair demand for the stock neither dealers nor public appeared willing to pay the high prices which have obtained in other years at this season. The lettuce now awaiting cutting will run to fully 1,000 barrels and each barrel with a standard weight of eighty pounds. The thousand barrels would make about seven carloads.

ANTS ON LETTUCE.

Will you kindly inform us what harm little red ants do to lettuce in hothouses and what can be done to get rid of them? H. B.

I know of no injury ever done to lettuce by ants, but it is often the case that ants are found crawling upon plants that are infested with aphis, commonly called green lice, and I suspect that your lettuce has aphis on it. The aphis secrete a sticky, sweet substance, sometimes called honey dew, upon the foliage where they are particularly thick. The ants are fond of this substance.

If your lettuce has aphis on it, of course you will not ruin your trade and hurt all other growers in the business by putting the lettuce on the market in that condition. A batch of lettuce infested with lice will turn the average housewife against it so that she will not buy any more that winter. Get rid of the lice, if there are any, by regular fumigations with tobacco stems or nicotine fumigating papers. H. G.

Young Grafted Rose Plants

Ready March 15

White Killarney, 2½-in.....per 100, $12.00
My Maryland, 2½-in..... " 12.00

O. P. BASSETT RED CARNATION

Rooted cuttings.....per 100, $6.00; per 1000, $50.00

Kaiserin

Bench plants, now ready for shipment, two years old and over.....per 1000, $50.00

Our rooted cuttings and young rose plants have a national reputation for choice quality and careful packing.

Bassett & Washburn

Office and Store, 76 Wabash Ave., Chicago
Greenhouses, Hinsdale, Ill.

Mention The Review when you write.

Rooted Carnation Cuttings

FOR DECEMBER DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

Hillsboro, O. — Simon J. Hider says business the first part of the month was not especially brisk, but that it kept stock well cleaned up.

Dover, N. H.—Charles L. Howe, of the Garrison Hill Greenhouses, has recently been visiting Portland, Me., where one of his branch stores is located.

PRIMULA
Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

Mention The Review when you write.

Evergreen Brand

A New Fertilizer

Specially manufactured for growing **FLOWERS, FERNS, PALMS,** etc.

It contains all the **PLANT FOOD** elements necessary to plant growth, and is compounded in proper proportion to get the best results in growing **FLOWERS** and **PLANTS.**

It removes Acid from the soil, consequently sweetens sour land and makes it productive.

It permanently enriches the soil.

It is all available.

Contains no "filler."

The plants can use it all.

Now Used by Largest Growers, With Excellent Results

JOHN W. POEHLMANN, PRES.
A. H. POEHLMANN, V. PRES.
AUG. F. POEHLMANN, SEC'Y & TREAS.

1,500,000 Sq. Feet of Glass

PHONES—
GREENHOUSE: MORTON GROVE 201-202
RESIDENCE: " " 1 AND 282

Poehlmann Bros. Company

GROWERS AND WHOLESALERS

Specialties
Roses, Carnations and Chrysanthemums

Store: 33-35-37 Randolph St. Chicago

Mail all Plant Orders direct to Morton Grove

Morton Grove, Ill., Oct. 6th, 1909.

Mr. D. D. Johnson

Dear Sir:-

We have used the 6 cans of Evergreen Brand Flower Fertilize shipped us Sept. 6th and noted remarkable results.

You may increase our second order of 500 to 2000 lbs. and ship soon as possible.

Yours truly,

Poehlmann Bros. Company.

Aug Poehlmann Sy

Odorless and Sanitary

It will annihilate all disease germs; thus it prevents stem rot and other diseases from destroying the plants.

The Price is Low

compared with common Fertilizers or Bone Meal, for when purchasing the **EVERGREEN BRAND** you get **PLANT FOOD,** hence eliminating the expense and handling of "filler" or "make weight" material usually found in large quantities in common Fertilizers.

It is immediately soluble in water. Can be used Dry or in Solution.

1 lb. to the 100 Square ft. of Benching

TRY IT. We have arranged to ship small quantities, as follows: Boxes containing 1, 2, 4, 6 or 8 cans each.

Cans contain 12 pounds. Price $2.00 per can. Terms net cash with order.

Full instructions with each shipment.

D. D. Johnson Company

Manufacturers

66 Wabash Ave., CHICAGO

SANGAMO The New Pink Carnation

Everyone who has seen **Sangamo** growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it **now.** Price, $12.00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN, Springfield, Ill.

Mention The Review when you write.

PITTSBURG.

The Market.

There was but little to complain about as far as business was concerned last week. Stock seemed to shorten up until trade needed all that came in, and consequently prices stiffened somewhat in the latter part of the week. The demand seemed to call for everything except Beauties, which did not seem to be needed badly at an increased price.

Today finds the weather clear and cold, with the thermometer varying from 8 degrees at night to 20 degrees during the day, which is not especially delightful for the people handling plants.

The outlook for a Christmas cut is reported good on everything except roses, which will be short in this vicinity. Everyone reports good prospects, also, of a satisfactory Christmas business, if prices do not soar too high, as they say there is a limit. One thing is sure—the stores are all provided with quantities of plants, the effects in baskets and pans are beautiful, and these will take the place of flowers in many cases if prices on flowers are too unreasonable.

There seems to be a plentiful supply of Christmas greens of all kinds, but it is still a few days until Christmas and one cannot tell what may happen in that time.

Various Notes.

Ed. McCallum, of the McCallum Co., has been a grip victim, but hopes to be out for the Christmas rush.

Walter Breitenstein was also confined to his home several days last week.

Allen Langhans, of the Pittsburg Cut Flower Co., was another victim.

Alexander Nelson, superintendent of Arsenal park, who died a week or two ago, came to his death by an accident. Returning home, he started round to the rear of his house, tripped and fell, the injury causing his death. He left a wife and nine children, most of them quite young.

Among the visitors were: Mr. and Mrs. Edward Leizmann, Latrobe, Pa.; Mrs. J. J. Beck and daughter, New Castle, Pa.; Miss Agnes L. Wells, Steubenville, O.; George L. Huscroft, Steubenville, O.; John Walker, Youngstown, O.; E. J. Fancourt, Philadelphia, Pa., and Earl Lutes, Monessen, Pa. Hoo-Hoo.

SPRINGFIELD, O.—Pleas have been presented in court for the distribution of the funds received from the sale of the Fairview Floral Co.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Our Catalogue for 1910 is out and we wish to call attention to the many good things offered therein. As usual, we are making a specialty of grafted and own root Roses. We have arranged to graft 350,000 rose plants this year. We call special attention to the following:

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120.00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid, Grafted	2.00	15.00	120,00
Own root	1.00	5.00	45.00

We offer over 30 varieties of Roses and refer you to our catalogue for the complete list. If your name is not on our list, kindly drop us a postal card and we will be glad to mail you a copy.

Mention The Review when you write

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.

RICHMOND, INDIANA

Mention The Review when you write.

Snow White Sport of HELEN FRICK

Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.

Heavy stock plants.....$3.00 per doz.
Smaller " " ..... 2.00 "

HENRY EICHHOLZ, Waynesboro, Pa.

Ferns, Crotons,

Decorative Stock.

ROBT. CRAIG CO.

4900 Market St., Philadelphia, Pa.

Important Announcement to Carnation Growers

At the earnest solicitation of a large number of commercial and private growers, the Cottage Gardens Company has decided to disseminate this year the two famous Carnations

MRS. C. W. WARD and ALMA WARD

two varieties which are well known to all the leading growers of the country. 4 years' test in the New York market has demonstrated their popularity and good staying qualities. For the past three years we have been growing from 15,000 to 25,000 of each, during which time they have always commanded the highest market prices, and at no time has the supply been equal to the demand.

On the exhibition table they have taken the highest honors, and we believe it is safe to say these two carnations stand without an equal.

INVITATION

We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see them growing and compare their good points with other standard varieties grown under the same conditions.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market.

The keeping qualities of this variety are remarkable. Several shipments of blooms sent to Europe reached their destinations in perfect condition, and wherever exhibited it has always been the last to show signs of wilting.

AWARDS

American Florists' Society Silver Medal, ... Boston, 1906
The Craig Cup for Best Seedling, ... Philadelphia, 1906
The Lawson Bronze Medal, ... Washington, 1908
The Horticultural Society of New York, Silver Medal, Sweepstake Prize for Best 100 Blooms, ... New York, 1909
The Horticultural Society of New York, Diploma for Best New Variety, ... New York, 1909

Rooted cuttings ready Jan. 15, 1910—December and first part of January cuttings all sold.

$2.00 per 12; $12.00 per 100; $100.00 per 1000; $95.00 per 1000 in lots of 2500. 25 at the 100 rate; 250 at the 1000 rate.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers, 3½ to 4½ inches in diameter, on strong, erect stems 36 to 42 inches in length.

This most remarkable variety takes the same place among Carnations as the American Beauty Rose among Roses, and has, during the past 4 years, been awarded numerous prizes, including the following:

The Lawson Silver Medal, ... Toronto, 1907
(No Gold Medal having been awarded.)
The Lawson Gold Medal, ... Washington, 1908
The American Florists' Society, Silver Medal, Washington, 1908

Rooted cuttings ready Feb. 1, 1910—January cuttings all sold.

$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.0 per 1000.

COTTAGE GARDENS CO., Inc. :: Queens, Long Island, N. Y.

Mention The Review when you write.

CHRYSANTHEMUMS
AND
ASTER SEED

All the leading kinds best suited to Florists' use.

Elmer D. Smith & Co.
ADRIAN, MICH.

Mention The Review when you write.

NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

Enchantress	per 1000,	$15.00
W. Enchantress	"	18.00
Kingston Pet	"	18.00
Beacon	"	18.00
White Lawson	"	12.00
Winsor	"	12.00

Send your orders for Dec., Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Shasta

If you keep any record of the blooms you cut you will be able to appreciate the record **Shasta** has made this season thus far. Planted Aug. 1st, the plants have given us the following average: 1 bloom per plant in late September; 2 blooms per plant in October; nearly 3 blooms per plant in November, and December 1st to 16th, 1 7/18 blooms per plant. Notice the steady cut. It is absolutely a non-cropper and a non-splitter. Scored 89 points A. C. S. convention last January. Come and see it any time.

$12.00 per 100; $100.00 per 1000.

PATTEN & CO., Tewksbury, Mass. **BAUR & SMITH, Indianapolis, Ind.**

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2 00	$18.00
White Enchantress	3.50	30 00
White Perfection	2.50	20 00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20.00
Pink Lawson	2.00	15.00
Rose-pink Enchantress	3.50	30 00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

Special Notice to

AMERICAN TRADERS

If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL**, published weekly, and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL**, published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

Address

The HORTICULTURAL PRINTING CO.
BURNLEY, ENGLAND

Always mention the Florists' Review when writing advertisers.



A SURPRISE

Was the superior quality of our Carnations in competition at the Chicago and Milwaukee Shows. To get good, vigorous plants that will produce quality, start right by getting good, healthy cuttings, grown under proper conditions and taken from strong, clean, healthy stock.

OUR WINNERS

are conceded to be the best paying varieties to grow at the present time.

TWO GREAT WHITES

WHITE PERFECTION. Full flower, immense size, prolific on long, stiff stem.
WHITE ENCHANTRESS. The true pure white stock, will be a leader for some time to come.

WINSOR. The best pink in its color for general use.
VICTORY and BEACON. Two great reds of equal merit.
LAWSON ENCHANTRESS. A great improvement on Lawson, larger flower and long stemmed.
ENCHANTRESS. Still the leader in its class.
ROSE-PINK ENCHANTRESS. We have the true stock.
AFTERGLOW. An easy grower and popular variety. Strong, well rooted cuttings of the above varieties. $3.00 per 100; $25.00 per 1000.
O. P BASSETT. The latest red placed on the market. Per 100, $6.00; per 1000, $50.00.
MRS. CHAS. KNOPF. A well colored Enchantress, grows freely on erect stem, a good acquisition. $6.00 per 100; $50.00 per 1000.

Place your orders with us and get select stock, carefully packed, and satisfactory returns for your investment.

C. C. Pollworth Co., Milwaukee

IN MICHIGAN.

Burt & Coggan, the Arcade florists, Battle Creek, recently held a successful flower show and many hundreds of people admired the fine display. Each lady was presented with a potted plant.

Frank V. Brown has opened new greenhouses at Lapeer and is developing a nice trade.

Fred J. Marquardt, florist at the Michigan Agricultural College, and Mrs. Diana Dingman, of Plainwell, have formed a partnership and will build greenhouses at Plainwell.

Fire destroyed the large greenhouse of Henry Zeller, near the county farm, Manistee. The loss was $2,500, with no insurance.

Miss Elva Davis, who started growing violets in one small house at Ionia, now has four large houses, with hot water heat. Last year an office building was added, followed this year by a cold storage room. Miss Davis is a graduate of the Michigan Agricultural College, and while there she gave her spare time to the study of floriculture.

The Grand Rapids Greenhouse Co., at Grand Rapids, has two and a half acres of lettuce to cut for the holiday trade. Prices are low, now ranging from 5 to 6 cents.

Walter Scott has completed a greenhouse at Plainwell and will make a specialty of winter vegetables.

Gerrit Wessink has built a fine greenhouse on his celery farm near Zeeland.

ANDERSON, IND.—Stuart & Haugh held their eighteenth annual exhibition at their greenhouses on Thursday, Friday and Saturday, November 18 to 20.

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of **White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat.**

BEACON. Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why You Should Grow SANGAMO

1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd.—The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th.—The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100.

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market.

WINNER OF FIRST PRIZE WHEREVER SHOWN.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

MARY TOLMAN

WINNER OF FIRST PRIZE AT MILWAUKEE.

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery. **$12.00 per 100; $100.00 per 1000.**

A. E. HUNT & CO., EVANSTON, ILL. **CHICAGO CARNATION CO.,** JOLIET, ILL. **HUNT BROS.,** PARK RIDGE, ILL.

Mention The Review when you write.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3.50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Begonias,** $1.50 per 100. **Daisies,** white and yellow, $1 00 per 100. Express paid.

CASH WITH ORDERS

S. D. BRANT, Clay Center, Kan.

Always Mention the....

Florists' Review

When Writing Advertisers

Rooted Carnation Cuttings

Ready for January Delivery. Clean, Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85 00
Enchantress	2.00	18.00
Enchantress, Rose-pink	3.50	30 00
Enchantress, White	3.50	30 00
White Perfection	2 50	20.00
Beacon	3 00	25.00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.

24 N. Main St. - - - DAYTON, OHIO

GEO. A. KUHL, Pekin, Ill.

Wishes one and all

A Very Merry Christmas and a Happy New Year

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery

Katalog for the asking.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg. PHILADELPHIA

HARTFORD, CONN.

At the meeting of the Connecticut Horticultural Society held at Hartford December 10 a set of strong resolutions was adopted placing on record "its unqualified desire for the speedy adoption of the parcels post in the United States."

At the same meeting the annual election of officers took place and resulted as follows:

President—John F. Huss, Hartford, Conn.

Secretary—George W. Smith, Melrose, Conn.

Treasurer—W. W. Hunt, Hartford, Conn.

First Vice-president—Thomas W. Fagan, New Britain, Conn.

Second Vice-president—J. Vidbourne, Hartford, Conn.

Third Vice-president—C. O. Purinton, Hartford, Conn.

Librarian—William T. Hall, Hartford.

Botanist and Professor of Vegetable Physiology—George W. Smith.

Pomologist—C. H. Sierman, Hartford, Conn.

Executive Committee—J. M. Adams, J. A. Weber, C. A. Helfricht, Francis Roulier, of Hartford; and W. H. Shumway, of Berlin, Conn.

ROCHESTER.

The Market.

Business is fairly active, considering that, at this writing, Christmas is but a week away. As a usual thing, trade is extremely quiet until two or three days before the holiday. From the present outlook, stock will be quite scarce in this market, especially carnations, which are scarce even now, with a brisk demand. They are therefore stiffening in price; they are now bringing 3 cents to 4 cents and will no doubt advance rapidly by next week. With conditions such as these prevailing, it is highly probable that the trade, for once, will be spared having to handle a lot of pickled stock, which, despite the protests from time to time against the practice, seems to be still in evidence whenever the opportunity offers for an advance of a cent or two in the price.

Plants for Christmas trade also seem to be scarce, not being ready in time.

Ground pine is an unknown quantity, but there is plenty of laurel left, which will probably clean up next week. Holly is in good demand and no surprise will be expressed if it is a scarce article by the end of the week. H. B. S.

MONON, IND.—Mrs. S. H. Myers has conducted the business of S. H. Myers & Co. since the death of her husband last April.

BOBBINK & ATKINS

Nurserymen and Florists

RUTHERFORD, N. J.

Choice Evergreens and Conifers, Shade and Ornamental Trees, Herbaceous Plants.

Large collection of Decorative Plants, such as PALMS, FERNS, BAY TREES, ETC.

Ask for Wholesale Catalogue.

Mention The Review when you write.

GERANIUMS

We are HEADQUARTERS and offer the finest collection in AMERICA, from 2-in. pots, at $2.00 per 100, $18.50 per 1000; 250 of a kind at thousand rates.

For $18.50 we will send you 1000, 50 each of 20 distinct kinds, a collection on which we are willing to stake our reputation. A customer in writing this week says, "We used your Geraniums last year and had the finest collection we ever had, sold clean out, had nothing left for stock."

We have a splendid stock in 2-in. pots of the following, at $2.00 per 100: Double Lobelia Kathleen Mallard; Alyssum, Giant and Double; Lemon Verbenas; Fuchsias, 6 Varieties; Ivy-leaved Geraniums, 6 Varieties; Scented Geraniums.

Double Petunias, mixed colors, $3.00 per 100.

Canna Roots, home-grown, 1,000,000 good strong divisions, at $18.50 per 1000. King Humbert, $6.00 per 100; $50.00 per 1000.

New Geranium Price List is Now Ready

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.

ORDONEZ BROS., 41 W. 28th St., New York AND MADISON, N. J.

Mention The Review when you write.

Geraniums

Rooted Cuttings ready now

S. A. Nutt.....$10.00 per 1000

WHITE BROS., Gasport, N. Y.

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CHRYSANTHEMUM NOVELTIES

Catalogue ready soon. Write for it.

CHAS. H. TOTTY, Madison, N. J.

Always Mention the....

Florists' Review

When Writing Advertisers

Special for New Year's

Azaleas, 6 and 7-in., $1.50 each.

Geraniums, 6-in., 35c.

Red Dracaenas, 3-in., 10c and 12½c; 6-in., $1.00.

Araucaria, 4-in., 4 and 5 tiers, 60c; 5-in., 5 and 6 tiers, $1.00.

Boston Ferns, 3-in., 5c; 4-in., 12c; 5-in., 25c; 6-in., 40c; 7-in., 90c; 8-in., $1.25.

Whitmani, 2¼-in., 4c; 4-in., 20c; 5-in., 30c; 6-in., 50c; 7-in., 90c; 8-in., $1.00; 9-in., $1.25; special, 3 in a pan, $1.25.

Plumosus Nanus, 3-in., 6c; 4-in., 10c; made-up plants, in 5-in., 35c; 6-in., 50c.

Sprengeri, 2¼-in., 2½c; 3-in., 4c; 4-in., 8c; 5-in., 15c; 6-in., 30c; 7-in., 75c.

Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tenuissimense, 2½-in., $3.50 per 100; 3-in., $6.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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Primula Obconica

Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

Vick & Hill Co.

P. O. Box 613. ROCHESTER, N. Y.

...YOU...

Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

ROOTED CUTTINGS

Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000.
Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.

Ready Jan. 15:—A. Ricard, B. Poitevine, La Favorite, M. Castellane, F. Perkins, $1.50 per 100; $15.00 per 1000. Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000. Rose Geraniums, skeleton leaf, large leaf, $2.00 per 100.

Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Coleus, 25 vars., 70c per 100; $6.00 per 1000.
Heliotropes, 8 vars., 70c per 100; $6.50 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000.
Dreer's fancies and all the other good ones.
Russellas, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Salvia, 6 vars., 90c per 100; $8.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Lemon Verbena, 90c per 100; $8.00 per 1000. Ready Jan. 15.
Pyrethrum Mt. Blanc, $1.00 per 100; $10.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
Tradescantia Zebrina, 50c per 100.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

Send for complete list

JOHN IRVINE & SONS, Bay City, Mich.

Mention The Review when you write.

Choice Stock

Asparagus Plumosus

3-in., 85c per doz., $7.00 per 100.

Ferns

For dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz.

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100.

Cash with order.

Frank Oechslin, 4911 Quincy St. Chicago, Ill.

Formerly Garfield Park Flower Co.

Mention The Review when you write.

FERNS

		Per 100
Boston,	strong, 6-in., stock,	$40.00 to $ 50.00
Scottii,	" " "	40.00 to 50.00
Piersoni,	" " "	40.00 to 50.00
Whitmani,	" " "	40.00 to 50.00
Todeaoides,	" " "	40.00 to 50.00
Superbissima,	strong, 6-in., stock,	100.00
"	" 4-in., stock,	40.00
Strong, 4-in. stock of above varieties,		20.00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

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NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade

A. & C. Pearson, Lowdham, Nottingham, Eng.

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CANNAS AND GERANIUMS

We have as good a list of Cannas for florists' use as can be found; strong 2 and 3-eye divisions. Northern grown Cannas, divided from the clumps just before shipping, are far superior to stock shipped from the South. We firmly believe that Cannas divided early, packed in thin boxes and stored for weeks or months have lost much of their vitality before the grower gets them.

Beaute Poitevine, Crimson Bedder, Duke of Marlborough, Alphonse Bouvier, Egandale, Robert Christie, Florence Vaughan, Burbank, Papa Nardy, $2.50 per 100; $20.00 per 1000.

King Humbert, $5.00 per 100.

(Many other varieties, but the above are a few leaders.)

GERANIUMS—Let us have your order for Geraniums for immediate shipment, or to reserve until you want them. Standard varieties, like S. A. Nutt, Mme. Barney, John Doyle, Alphonse Ricard, Beaute Poitevine, Mme. Landry, Berthe de Presilly, Marvel and La Favorite, $25.00 per 1000, for strong 2¼-in. pot plants.

Selections of 1000, in named varieties, our choice, all good sorts, $20.00 per 1000. Tell us how many varieties you wish; can send 50 if you want that many.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

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HEACOCK'S PALMS

	Each
Areca Lutescens	
6-in. pot, 3 in pot, 24 to 26-in. high	$0.75
6-in. pot, 3 in pot, 26 to 28-in. high	1.00
7-in. pot, 3 in pot, 30 to 32-in. high	2.00
Cocos Weddelliana	100
2½-in. pot, 8 to 10-in. high	$10 00
2½-in. pot, 10 to 12-in. high	15.00

	Each	12
Kentia Belmoreana		
5-in. pot, 6 to 7 lv., 18-in.	100, $50.00	$ 6.00
6-in. pot, 6 to 7 lv., 22 to 24-in.	$1.00	12.00
7-in. pot or tub, 6 to 7 lv., 34 to 36-in.	2.50	30.00
9-in. tub, 6 to 7 lv., 42 to 48-in., h'vy.	5.00	
9-in. tub, 6 to 7 lv., 48 to 54-in., h'vy.	6.00	

	Each
Made-up Kentia Forsteriana	
7-in. pot, 4 in pot, 34 to 36-in.	$2.50
7-in. pot, 4 in pot, 36 to 38-in.	3.00
9-in. tub, 4 in tub, 42 to 48-in.	5.00

JOSEPH HEACOCK CO., Wyncote, Pa.

H. DREYER

Tel. 228 Newtown, Jackson Ave., **ELMHURST, L. I.**

Decorative Plants

SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

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FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1 25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00, $8.00, $9.00, $10 00, $12.00, $15 00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c; 6-in., 75c.
Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

All my plants are in fine condition.

JOHN BADER

43 Ravine St., N. S., PITTSBURG, PA.

Mention The Review when you write

American Everblooming HYDRANGEAS

1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis,** etc.

THE E. Y. TEAS CO., Centerville, Ind.

PHOENIX, ARIZ.

The annual flower show, held here recently, is reported to have been highly creditable and successful, decidedly the best in the three years since these shows were started. Horne & Armstrong had especially fine exhibits and won eleven first prizes.

All the flowers for the exhibits were cut from the open, as there are roses to cut outside here until February. During February the pruning is done, and it may be said that February is the only month when there are no roses to cut. Carnations, sweet peas, mums and violets are now in bloom outdoors. There was a little touch of frost a few nights ago, but it did not do much damage. Oranges may have been slightly affected by it, but not seriously.

INDIANAPOLIS.

The Market.

Business for the last week has been good, notwithstanding the fact that it was the week before Christmas, which is usually quiet. We have been experiencing some unusually cold weather for this time of the year, as the thermometer registered within a few degrees of zero a half dozen times in the last two weeks. Old Sol has been quite lenient with us, as he has shown himself for a number of days. The indications are that we are going to have a banner Christmas this year. Stock, I believe, is going to be plentiful, with the prices well up. Beauties are not especially good, particularly the medium grades, but Killarney are fine and no doubt will lead in roses. Carnations are plentiful and the stock is good. Poinsettias, valley, hyacinths and Paper Whites are in evidence, but there will be a shortage in sweet peas. Most of the violets will be shipped in from the Hudson river district. The green goods men no doubt are busy, as there is an advance in the price of holly and garland about every three or four days. There is a good supply of pot plants to be had. Some fine azaleas, Gloire de Lorraine begonias, poinsettias, cyclamen and primulas are to be seen.

Various Notes.

Baur & Smith are having a heavy cut of carnations for Christmas. This firm also has a fine bench of poinsettias.

E. A. Nelson has added a two-horse van to his equipment. He is showing some fine azaleas and cyclamen, also a bench of stevia and poinsettias.

At the recent meeting of the State Florists' Association, Meyer Heller of New Castle, Nixon H. Gano of Martinsville, and W. A. Rieman of Vincennes, were elected to membership.

H. W. Rieman has had trouble with the mite on his cyclamen this year. Mr. Rieman believes that he has a remedy for it, and there is no doubt that the plants are showing improvement since the remedy has been applied. The plants have been immersed in a solution of six spoonfuls of To-bak-ine and five gallons of water about once a week and have been watered with a weak solution of lime water.

Bertermann Bros. predict a large Christmas business, that is if the week previous signifies anything, as they have an unusual amount of work booked. This firm has as fine a lot of cyclamen and Gloire de Lorraine begonias as there is to be seen anywhere.

WE ARE
DIRECT IMPORTERS
TREES, SHRUBS, PLANTS, Etc.
"BUY RIGHT" AT FOREIGN GROWERS' PRICES
Lowest Prices Consistent With Quality of Stock. Send Your List of Wants and We Will Send Special Quotations
McHUTCHISON & CO.
17 MURRAY STREET NEW YORK
Only orders of sufficient quantity for direct importation accepted.
Mention The Review when you write.

Plants for New Year's, Balls, Parties, etc.
Azalea Indica, in fine shape, in bud or bloom. Mme. Petrick, pink; Simon Mardner, pink; Deutsche Perle, white; Vervaeneana and Apollo, red; 75c, $1.00, $1.25 and $1.50.
Azalea Indica, for Easter blooming, 10 best, well tested market varieties, full of buds, 50c, 75c, $1.00, $1.25, $1 50 to $2.00.
Araucaria Robusta Compacta, $1.50, $1.75 and $2.00.
Araucaria Excelsa, big stock, 25, 30 and 35-in. high, $1.50, $1.75 and $2 00.
Kentia Forsteriana, 35, 40 to 50-in. high, $1.50, $2 00, $2.50 and $3 00 each; 4-in., 20c.
Kentia Belmoreana, 4-in., 25c; 3-in., 10c.
Cocos Weddelliana, 3-in., 15c.
Latania Borbonica, 4-in., 20c.
Areca Lutescens, made-up, 5¼-in., 85c.
Asparagus Plumosus, 2½-in., 8c; 3-in., big, 6c; 4-in., 10c.
Asparagus Sprengeri, 3 in., 5c; 4 in., 10c.
Begonia Flambeau, 4-in., 15c.
Begonias, new improved Erfordii and Gracilis, in bloom, 5¼ in., 25c.
Ferns, Todeaoides, 5½, 6 and 7-in., 35c, 40c, 50c, 60c, 75c and $1.00. Dish Ferns, 4½-in., 4c.
Ferns, Wimsetti and **Victoriae** (silver leaf fern), 6-in. pans, 3 plants in a pan, very attractive, 30c per pan.
Cash with order, please. Please state if in or out of pots.
All plants must travel at purchaser's risk.
GODFREY ASCHMANN, 1012 W. Ontario Street, Philadelphia, Pa.
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Roland's Plants
In Excellent Condition

	Per Doz.
Oranges	$24 00 to $48 00
Ardesias	12.00 to 36 00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	3 00
Cyclamen	5 00 to 36 00
Azaleas	6.00 to 36 00
Poinsettias	3.00 to 15 00
Ericas	18 00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston
Thomas Roland
NAHANT, MASS.
Mention The Review when you write.

JOHN SCOTT
Rutland Road and E. 45th St.,
BROOKLYN, N. Y.
Palms, Ferns AND Decorative Plants
Mention The Review when you write.

A. Goldberg, with R. M. Ward & Co., was a caller last week.

A. Wiegand & Sons are in fine shape for Christmas, especially in pot plants, having a fine lot of azaleas, primulas, begonias and poinsettias. They will also have a good cut of orchids, which came in just right for Christmas.

H. L. W.

THE REVIEW can supply any horticultural books at publishers' prices.

Logan Nurseries
JOHN N. HOBSON, Mgr.
York Road and Louden St. Philadelphia, Pa.
We have the following
PLANTS
to offer to the trade, in first-class condition, home-grown and hardy:

	Each
Kentia Belmoreana	
10-in. pot, 4 plants in pot, 4 ft. 10 in high	$6.00
8-in. pot, single, 4 ft. 6 in. high	2.50
3-in. pot, bushy plants	per 100, $10.00
Areca Lutescens	
6-in. pot, 3 plants in pot, 3 ft. high.	$9.00 and $12.00 per doz.
8-in. pot, 3 plants in pot, 5 ft. high	2.50
7-in. pot, 3 plants in pot, 3½ ft. high	1.50
4-in. pot, 3 plants in pot	$3.00 per doz.
Boston Ferns	Per 100
6-in. pot, nice full plants	$35.00
4-in. pot, suitable for filling baskets	12 00
Nephrolepis Barrowsii	
9-in. pots, well furnished	$12.00 per doz.
Poinsettias	
4-in. pots	$12.00 per 100
Azaleas for Christmas	
Nicely budded plants in various sizes and prices.	
Begonia Lorraine	Per 100
4-in. pots, full of flower	$35.00
Begonia Vernon	
4-in	20.00

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DAHLIAS—GLADIOLUS
400 varieties of **Dahlias,** selections from the best the country affords.
Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.
CATALOGUE FREE.
J. L. MOORE, Northboro, Mass.
Mention The Review when you write.

Araucaria Excelsa
5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.
The Conard & Jones Co.
WEST GROVE, PA.

Select Ferns For Fine Store Trade

We offer a grand lot of exceptionally well-grown plants of the different varieties of **NEPHROLEPIS,** which will be found one of the best selling and most profitable plants that florists can handle.

Our stock is in unusually fine shape, and we will guarantee it will please the most exacting, as it is exceptionally good value at the prices quoted.

IMPROVED ELEGANTISSIMA. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greately improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6.00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

SUPERBISSIMA. Introduced by us in 1908. A very unique and distinct novelty. Its distinguishing characteristics are its dark green foliage and dense growth. Fronds are very heavily imbricated, making them very dense and compact. Strong plants, 4-inch pots, $3.00 per dozen; 6-inch, $6 00 to $9.00 per dozen, according to size; 8-inch, $12.00 to $18.00 per dozen, according to size.

BOSTONIENSIS, PIERSONI, WHITMANI, SCOTTII. Extra fine plants, 6-inch pots, $6.00 per dozen; 8-inch pans, $12.00 per dozen.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

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Wholesale Trade List

Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Clematis paniculata, strong plants from open ground, $10.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $6.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.
Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Sprengeri

2, 3, 4-in.....$2.00, $5.00, $10.00 per 100

Whitmani Ferns

4-in.....$10.00 per 100

Begonia Incarnata

Bud and bloom, 3,4 5-in., $6.00, $10.00, $20.00 100

NIXON H. GANO
Martinsville, Ind.

Mention The Review when you write.

Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.
2-yr.-old Peonies, $10.00 per 100.

J. Murray Bassett, Hammonton, N. J.

ANTON SCHULTHEIS, College Point, L. I.
Headquarters for
DECORATIVE and FLOWERING PLANTS

Verbenas :: Verbenas :: Verbenas

The Season is now Open

OUR SELECTION

Rooted cuttings	$0.75 per 100;	$ 6.00 per 1000	
Strong plants in 2½-in. pots	2.50 "	20.00 "	

PURCHASER'S SELECTION

Mrs Wm. Taft, Miss Wilmott, rooted cuttings	$1 00 per 100;	$ 9.00 per 1000	
Rooted cuttings	.90 "	8.00 "	
Strong plants in 2½-in. pots	3.00 "	25 00 "	
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00 "	30.00 "	

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

J. L. DILLON, :: Bloomsburg, Pa.

Mention The Review when you write.

Seasonable Stock

Firefly Azaleas, Poinsettias, Lorraine Begonias, Cyclamens, Primulas, Geraniums, Holly, and Box Pyramids, Specimen Evergreens in tubs, etc.

The above stock is especially fine. Come and see us.

WM. W. EDGAR CO., WAVERLEY, MASS.

Mention The Review when you write.

IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY
The Orchid Nurseries, RUTHERFORD, N. J.

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DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ACTO, N. J.

DECORATIVE PLANTS

	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15.00
5-in. " "	25 00
7-in. " "	60.00
2½-in. **Whitmani Ferns**	5 00
2-in. **Asparagus Plumosus Nanus**	8.00
4-in. " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

D. U. AUGSPURGER & SONS CO.
PEORIA, ILL.

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Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

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Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
Baur Floral Co., Erie, Pa.

AGAPANTHUS.

Agapanthus, sturdy field plants, 25c each, $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

AGERATUMS.

Ageratum Stella Gurney, R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

AMPELOPSIS.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically, so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Ampelopsis Veitchii, fine, well rooted, one-year plants, 18 to 24 in. 50 plants, by mail, $2.00; 100, by express, $3.00; 1000, $25.00. Well graded and well packed plants in cellar.
Chas. Black, Hightstown, N. J.

ARAUCARIAS.

Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100. F. Ludemann, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in., 3 to 4 tiers, 75c each; 7-in., 3 to 4 tiers, $1.25 each. Cash.
Frank Sokol, College St., Worcester, Mass.

ASPARAGUS.

Asparagus Sprengeri, strong bushy plants, out of 3-in. pots, $5.00 per 100; $40.00 per 1000. C. A. Rieman, 1224 Grand Ave., Connersville, Ind.

Asparagus plumosus, strong plants, 2 and 3-in., $3.00 and $5.00 per 100. Sprengeri, 3-in., $5.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Asparagus plumosus, fine, young stock, ready Jan. 1 to Aug. 1, $2.50 per 100. 40,000 of them. Samples on request.
Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, in 2½-in., at 2c; all first class stock. Will exchange for Boston or Amerpohlii ferns.
A. E. Boyce, Bartlesville, Okla.

Exceptionally strong Asparagus plumosus, 2¼-in. pots, $2.50; 3-in., $5.00; 4-in., $10.00 per 100. Williams Floral Co., Bedford, Ind.

Asparagus plumosus nanus, 2-in., $2.00 per 100; 4-in., extra fine, large plants, $8.00 per 100. Scharff Bros., Van Wert, Ohio.

Asparagus plumosus and Sprengeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus plumosus nanus and Sprengeri, young plants, cheap. Send for price list.
H. Hayashi & Co., Alameda, Cal.

Asparagus plumosus, strong plants, 3-in., $6.00; 3½-in., $8.00.
Kemble Floral Co., Oskaloosa, Iowa.

Asparagus Sprengeri, strong, 2-in., $1.75 per 100; $15.00 per 1000.
Reeser & Youngstrand, Springfield, O.

Asparagus Sprengeri, 2¼-in., 2½c; 3-in., 5c; 4-in., 10c.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 3-in., 85c per doz., $7.00 per 100. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2¼-in., strong, $2.50 per 100.
C. Winterich, Cyclamen Specialist, Defiance, O.

Asparagus plumosus, 3-in., strong, $4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong 4-in., $10.00 per 100. Cash. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri, strong 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus plumosus nanus, 3-in., $4.00 per 100. Loyd C. Bunch, Fredonia, Kan.

A. Sprengeri, 2½-in., 2½c; 2½-in. rose pots, 3c. M. M. Lathrop, Cortland, N. Y.

Asparagus Sprengeri, 2-inch, $1.75 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

BEGONIAS.

Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Rex begonias, 2-in., $3.00 100, $30.00 1000; rubra, large plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Otto Hacker, best flowering begonia, strong 2½-in., 4c. C. Nye, Alexandria, Ind.

Begonias, 6 varieties, 4-in., 10c.
Hammerschmidt & Clark, Medina, O.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BOXWOOD.

Boxwood, bushy plants, 12 in. high, fine for pots and window boxes, $3.00 per doz.; $20.00 per 100.
The Storrs & Harrison Co., Painesville, Ohio.

BULBS.

DWARF PEARL TUBEROSE BULBS
CALADIUM ESCULENTUM.
For immediate delivery.
Write for prices.
Z. J. CARTER & SON, WALLACE, N. C.

Bulbs. Special wholesale price list of native lilums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

Bulbs. Amaryllis, Milla, bessera, zephyranthes, Cooperia. Ask for prices. Wm. Tell, Austin, Tex.

CACTI.

Well established cacti in variety. Ask for prices. Wm. Tell, Austin, Tex.

CANNAS.

Cannas, very extra list, big stock. Send list. C. Betscher, Canal Dover, Ohio.

We have as good a list of cannas for florists' use as can be found; strong 2 and 3-eye divisions. Northern grown cannas, divided from clumps just before shipping, are far superior to stock shipped from the south. We firmly believe that cannas divided early, packed in thin boxes and stored for weeks or months, have lost much of their vitality before the grower gets them. Beaute Poitevine, Crimson Bedder, Duke of Marlborough, Alphonse Bouvier, Egandale, Robert Christie, Florence Vaughan, Burbank and Papa Nardy, $2.50 per 100; $20.00 per 1000. King Humbert, $5.00 per 100. Many other varieties, but the above are a few leaders.
The Storrs & Harrison Co., Painesville, Ohio.

Will exchange Cinnabar, Papa Nardy, Pres. Viger, Louisiana, Paul Marquant, Mlle. Berat cannas for Black Beauty, Chas. Henderson, Duke of Marlborough, Cherokee, Niagara, St. Louis, Pres. McKinley, Pres. Cleveland, or Pres. Meyer cannas.
Wagner Park Conservatories, Sidney, Ohio.

500,000 CANNAS, 100 leading kinds, home-grown, $8.00 per 1000 and more. Price list free.
Shellroad Greenhouses, Grange, Balto., Md.

75,000 cannas, home-grown, true to name, $8.00 to $50.00 per 1000. Send for price list.
W. W. Coles, Kokomo, Ind.

CARNATIONS.

STRONG, HEALTHY, WELL ROOTED CUTTINGS. NOW READY.

	100	1000
Georgia, best white	$6.00	$50.00
Harvard, crimson	4.00	35.00
Faust, Christmas scarlet	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	3.00	25.00
Winsor	2.50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00
Bay State	6.00	50.00
Victoria	4.00	35.00

REMEMBER WE GUARANTEE SATISFACTION.
James D. Cockcroft, Northport, L. I., N. Y.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (pink Perfection, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

SELECT, WELL ROOTED STOCK.

	100	1000
White Enchantress, Beacon	$3.50	$30.00
Rose-pink, W. Perfection	2.50	25.00
Enchantress, Winsor	2.00	20.00
White Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

Good stuff, more than worth the money.
Gullett & Sons, Lincoln, Ill.

Carnations, select, well rooted cuttings. White Enchantress, Beacon, $3.50 per 100; $30.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Mrs. Lawson, $1.50 per 100; $15.00 per 1000. Georgia, $6.00 per 100. Lawson-Enchantress, $3.00 per 100; $25.00 per 1000.
Manke Bros., North Milwaukee, Wis.

Rooted carnation cuttings of Enchantress, Winsor, Lawson, White Lawson, W. Enchantress and White Perfection, $3.00 per $1.00; $25.00 per 1000. Now ready for delivery.
Henry E. Reimers, Box 255, Spokane, Wash.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Carnations. White Perfection, Mrs. J. C. Vaughan, Alvina, Pink Delight, Afterglow, Lawson-Enchantress, Winsor, Lawson and O. P. Bassett. Write for prices.
Albert M. Herr, Lancaster, Pa.

The advertiser wants to hear from anyone who can supply cuttings of the old De Graw carnation; any number up to 1,200.
Address No. 101, care Florists' Review, Chicago.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, delivery after Jan. 1.
Wanoka Greenhouses, Barneveld, N. Y.

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CHRYSANTHEMUM STOCK PLANTS.

Monrovia	75c doz.;	
Oct. Frost	75c doz.;	
Rosiere	75c doz.;	
V. Poehlmann	75c doz.;	$4.50 100
A. J. Balfour	75c doz.;	4.50 100
T. Eaton	75c doz.;	4.00 100
Y. Eaton	75c doz.;	4.00 100
Dr. Enguehard	75c doz.;	4.00 100
Golden Age	75c doz.;	4.00 100
Maj. Bonnaffon	75c doz.;	4.00 100
Col. Appleton	75c doz.;	4.00 100

La Crosse Floral Co.,
P. O. Box 557, La Crosse, Wis.

CHRYSANTHEMUM STOCK PLANTS.
75c per doz.; $4.50 per 100.

Monrovia	Touset
Maud Dean	Robert Halliday
Alice Byron	White Bonnaffon
Robinson	Maj. Bonnaffon
Ivory	Shaw
Col. Appleton	Golden Wedding
W. H. Chadwick	J. Nonin
Golden Chadwick	J. Jones
Adelia	Dr. Enguehard

The Munk Floral Co., Columbus, Ohio.

Chrysanthemums. Virginia Poehlmann, Pres. Roosevelt, Mlle. Desjouis, Pacific Supreme, G. Glow and Lynnwood Hall, strong, well rooted cuttings from carefully selected plants, $15.00 per 1000. Golden Chadwick, $20.00 per 1000. Stock plants of Pres. Roosevelt, Nonin, Jones, Y. Jones and Enguehard, $4.00 per 100; rooted cuttings, $12.00 per 1000. Sent C. O. D. with privilege of examination.
Frank Shearer & Son, Binghamton, N. Y.

CHRYSANTHEMUM STOCK PLANTS at reduced price for this week, to clear benches. Golden Glow, Pacific Supreme, G. S. Kalb, October Frost, Polly Rose, Early Snow, Clem. Touset, Ivory, Byron, W. Bonnaffon, White Cloud, Merza, Glory of Pacific, Rosiere, P. Ivory, Dr. Enguehard, Monrovia, Halliday, Pitcher, Bonnaffon, Eaton, Nonin, etc., at 3c; Poehlmann, 5c; Gloria, 10c. Send for list of 50 varieties.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

CHRYSANTHEMUM STOCK PLANTS.
Mrs. Kalb, Estelle, White Bonnaffon, Alice Byron, Angele Laurent, Desjouis, Glory of Pacific, Maud Dean, Pink Ivory, Rosette, Amorita, Major Bonnaffon, Cremo, Halliday, Yellow Jones, Golden Glow, Baby, 50c per doz.; $4.00 per 100. Golden Eagle and Baby Margaret, $1.50 per doz.; $10.00 per 100.
Wm. Swayne, Box 215, Kennett Square, Pa.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Stock plants of chrysanthemums. Monrovia, Ivory, White Shaw, Early Snow, 50c per doz., $4.00 per 100, or will trade for rooted cuttings of geraniums.
James Crawshaw, 403 Plainfield St., Providence, R. I.

Chrysanthemum stock plants. Kalb, Monrovia, White Fitzwygram, Opah, G. Pacific, Polly Rose, Shaw, Oct. Frost, Halliday, Touset, Josephine, Golden Trophy; also midseason and late varieties, $4.00 100. Wm. Ehmann, Corfu, N. Y.

5000 chrysanthemum stock plants. Dr. Enguehard, Wm. Duckham, Buckbee, Willowbrook, Alice Byron, White Eaton, White and Yellow Bonnaffon, $1.50 per 100. Cash.
Ernsberger Bros., Celina, Ohio.

CHRYSANTHEMUMS. STOCK PLANTS.
Golden Glow, 5c. V. Poehlmann, C. Touset, Yellow Chadwick, White Chadwick, B. May, Alice Byron, 4c.
Holton & Hunkel Co., Milwaukee, Wis.

Strong rooted cuttings of mum stock plants, $4.00 per 100. Cash. V. Poehlmann, Eaton, Appleton, Touset, Monrovia, Yellow and White Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Chrysanthemum stock plants. A. Byron, Mlle. Desjouis, Buckbee, White and Yellow Chadwick, Eaton and Pres. Roosevelt, $3.00 per 100.
John E. Rackebrandt, Princeton, Ky.

Mums. October Frost, October Sunshine, Monogram, Glory Pacific, stock plants, full of cuttings, to make room, $2.50 per 100.
R. F. Gloede, Evanston, Ill.

Stock plants of chrysanthemums. Monrovia, Oct. Frost, Touset, Jeanne Nonin, 50c per doz.; $4.00 per 100. A. T. Hey Floral Co., Maywood, Ill.

Chrysanthemum rooted cuttings, commercial varieties, cheap. Send for price list.
H. Hayashi & Co., Alameda, Cal.

Chrysanthemum stock plants. Send for list and prices. All money-making kinds.
Geo. A. Relyea, Poughkeepsie, N. Y.

Fine stock plants of Poehlmann and Crocus, 50c per doz. Wm. Lee & Sons, Bedford, O.

Chrysanthemums, field clumps. Pompons, 4c; singles, 8c. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, Columbian, new Scarlet Queen, Stellata, James' Prize, 3-in., ready for 4-in., $4.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, from choicest seed, big, strong plants, ready for 4-in. pots, $3.50 per 100. Cash. Addems, Morgan & Co., Paxton, Ill.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, large flowering, 2¼-in., 2c. Stellata, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, Ohio.

CINNAMON VINES.

Cinnamon vines, big stock, cheap.
C. Betscher, Canal Dover, Ohio.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100.
F. A. Baller, Bloomington, Ill.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

Coleus rooted cuttings. Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings, 50c per 100; 2-in., $1.75 per 100. R. K. Stokesberry, Leetonia, Ohio.

Coleus, 15 varieties, rooted cuttings, 75c per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CYCLAMEN.

Cyclamen giganteum superbum, new English strain, larger flowers than any other, 10 varieties, Rococo, in all colors, 4 strains of the new salmon shades, new fringed and frilled, all that is best, nicely budded, 3-in., ready for 4-in., $7.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, well budded and grown plants, 4-in. pots, $15.00; from 5-in. pots, $20.00 per 100; August seedlings, twice transplanted from flats, fine stock, $3.00 per 100, $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, from flats, finest selected vars., separate colors, $1.50 100, postpaid.
Wm. Eschrich & Co., North Milwaukee, Wis.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

DAHLIAS.

Dahlias. No more orders taken for field clumps. Have large quantities of divided roots for present or spring delivery, in fifty varieties, standard sorts, mostly proven cut flower varieties. W. A. Finger, Hicksville, L. I., N. Y.

Dahlias, field-grown clumps, will divide in 3 to 5 eyes, and will make 3 to 5 plants in the spring; Catherine Duer, fine red, and Clifford Bruton, fine yellow, $5.00 per 100. Cash with order. Ralph Hornor, Mt. Holly, N. J.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

Dahlias, C. W. Bruton, best yellow, and Sylvia, long-stemmed pink. Undivided field clumps, $5.00 per 100.
E. E. Stewart, Rives Junction, Mich.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King. E. Bridgewater, Mass.

Dahlias, big stock, big clumps, best sorts. Send list. C. Betscher, Canal Dover, Ohio.

DAISIES.

Daisies, bellis, double white and pink, $2.00 per 1000. California Giant, winter flowering, white and yellow, 2½-in., $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

DEUTZIAS.

Deutzia Lemoinei, for forcing, pot grown, extra heavy, from 9-in. pots, $50.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

DRACÆNAS.

Dracaena indivisa, 8-in., 5c; fine 5-in. stock, 20c. Mosbæk Greenhouse Co., Onarga, Ill.

FERNS.

FERNS FOR FERN DISHES, best stock, largest assortment; 3-in., $6.00 per 100, $55.00 per 1000.

CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.

ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.

Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!
Boston.

4-in.	$12.00 100	7-in.	$60.00 100
5-in.	30.00 100	8-in.	80.00 100
6-in.	40.00 100	9-in.	1.25 ea.

Whitmani.

5-in.	$30.00 100	7-in.	$60.00 100
6-in.	45.00 100	8-in.	80.00 100

R. R. DAVIS & CO., MORRISON, ILL.

Ferns. 2½-in. Boston, 3c; 3-in., 8c; 4-in., 15c; 5-in., 30c. 2½-in. Piersoni and Whitmani, 4c. 2½-in. Scottii, 5c; 3-in., 10c. 2½-in. Amerpohlii, 6c; 3-in., 12c. 3-in. Elegantissima, 10c; 4-in., 15c.
Truitt's Greenhouses, Chanute, Kan.

Ferns. Place your order now for ferns, largest stock and prices lowest, considering quality. Elegantissima, Barrowsii and Piersoni, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St., N. S., Pittsburg, Pa.

Ferns. Boston or Whitmani, 2¼-in., $3.00 per 100; 3½-in., $8.00 per 100; 5-in., $20.00 per 100; 6-in., $30.00 per 100.
J. W. Davis, 225 W. 16th St., Davenport, Iowa.

Boston ferns, from bench, ready for 5 and 6-in. pots, $3.00 per doz.; $20.00 per 100. Cash. Florists, this is good stock.
H. M. Totman, Randolph, Vt.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in., pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

20000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Ferns. Boston and Barrowsii from bench, for 5-in. pots, $15.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

Ferns for dishes, 2½-in., $3.00 per 100; Whitmani, 2½-in., $5.00 per 100.
McRae-Jenkinson Co., Cheswick, Pa.

Ferns. Scottii, 2¼-in., 5c; 3-in., 10c. Whitmani and Elegantissima, 3-in., 10c.
Mosbæk Greenhouse Co., Onarga, Ill.

FERNS—Continued.

Boston ferns, strong, 4-inch, 15 cents each; from bench, 12½c each.
Wussow Bros., 439 W. 80th St., Chicago.

Ferns. Surplus of 4 and 5-in., fine stock, prices right. Herms Floral Co., Portsmouth, O.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

Boston ferns, very strong, 4-in., $20.00; 5-in., $30.00. Kemble Floral Co., Oskaloosa, Iowa.

FEVERFEW.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

FORGET-ME-NOTS.

Forget-me-nots, hardy, blue; fine plants, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, nice, large, bushy stock plants, 4-in., $8.00 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

GERANIUMS.

Let us have your order for geraniums for immediate shipment, or to reserve until you want them. Standard varieties like S. A. Nutt, Mme. Barney, John Doyle, Alphonse Ricard, Beaute Poitevine, Mme. Landry, Berthe de Presilly, Marvel and La Favorite, $25.00 per 1000 for strong 2¼-in. pot plants. Selections of 1000 in named varieties, our choice, all good sorts, $20.00 per 1000. Tell us how many varieties you wish; can send 50 if you want that many.
The Storrs & Harrison Co., Painesville, Ohio.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted. $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

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Best forcing tomato plants, 2½-in., $2.00 100.
Roney Bros., West Grove, Pa.

Comet tomato seed for forcing, $1.00 oz.
H. M. Sanderson, 111 Lincoln St., Waltham, Mass.

VINCAS.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically, so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Vinca variegata, 25,000 field rooted tips, stored in cool house, $1.00 per 100. These are first class and will grow into stock for spring sales. Cash or satisfactory reference.
C. F. Mahan, R. D. 8, Dayton, Ohio.

Vinca var., strong field clumps, selected, $5.00; first quality, $4.00; second, $3.00 per 100. M. M. Lathrop, Cortland, N. Y.

Vinca variegata, strong, Sept. field-rooted tips, $1.00 per 100; $10.00 per 1000.
W. J. Engle, R. R. 8, Dayton, Ohio.

Vinca variegata, 3½-in. pots, ready now, $4.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Rooted cuttings of Vinca variegata, $1.50 per 100. H. E. Reimers, Box 255, Spokane, Wash.

Vinca variegata rooted cuttings, 85c per 100; postpaid. Cash. W. E. Gravett, Lancaster, Ohio.

VIOLETS.

Marie Louise violet blooms, ready now, A No. 1 quality, $1.00 per 100. Cash with order, please. C. Lawritzen, Box 261, Rhinebeck, N. Y.

Dorset, large, best bloomer. Field plants, 75c 100. F. A. Haenselman, Boulder, Colo.

TO EXCHANGE.

To Exchange—350 cinerarias, fine mixture, 2¼ and 2½ in., at 2c and 3c, ready for 4-in., for S. A. Nutt and B. Poitevine rooted cuttings or 3 or 4-in. plumosus and swainsona.
A. G. Larson, Galva, Ill.

To Exchange—Boston ferns, 2½-in., $4.00 per 100; Beefsteak begonias, 2½-in., $3.00 per 100. for salmon-colored geraniums, primulas, cinerarias, or what have you?
R. M. Noel & Co., Derry, Pa.

To Exchange—Or will sell. Bedding plants in 2½-in., cyclamen in flats, for ferns, rubbers, cannas, rhubarb roots. Write.
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Wanted—10,000 unrooted carnation cuttings from the Enchantress family, good, clean stock. State price and amount in first letter.
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Wanted—Rose plants of any kind. Melrose Garden Co., 90 Melrose St., Providence, R. I.

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Pillsbury's carnation staples, 50c per 1000, Postpaid. I. L. Pillsbury, Galesburg, Ill.

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All sizes of cut flower and floral design boxes. Write for our box catalogue.
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Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

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Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order. Crowl Fern Co., Millington, Mass.

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Galax, bronze, 50c 1000, $4.00 case of 10,000; green, 50c 1000, $3.50 case of 10,000.
Henry Hayes, Blowing Rock, N. C.

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Price list now ready. Extra large and fine crop of fish this season. No fungus; no lice. Our little book, "The Gold Fish Dealer's Guide," tells you how to handle fish, prevent and cure diseases; free to customers.
Glen Mary Fish Farm,
Chas. Pommert, Prop., Amelia, O.
Largest gold fish hatchery in the world.

Gold fish, aquarium plants, snails, etc., wholesale. Send for price list.
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"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

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Mats for hotbeds and coldframes. I make not only the most practical but the cheapest mat on the market. Send for circular.
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Paper pots. 5,000 3-in., $5.00; 4-in., $7.50. Shipped flat; low freight rates.
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POTS.

Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M. Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.,
Lincoln University, Chester Co., Pa.

Standard red flower pots. Buy from the originators and introducers. Prices never higher.
C. C. Pollworth Co., Milwaukee, Wis.

"NUFF SED." Best red pots are made by
Geo. E. Feustel, Fairport, Iowa.

Red pots, none better.
Colesburg Pottery Co., Colesburg, Iowa.

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Bookkeeping blanks especially printed for florists. Does away with daybook, journal and personal accounts in ledger. Full itemized record, daily and monthly, of business, with no writing except figures. Inexpensive. Write for particulars. Cobb & Bobbitt, Perry, Okla.

$1.25 per 1000 up, for letter-heads, bill-heads, etc. Cuts used. Samples free.
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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
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A full stock of moss on hand all year around. Sphagnum moss, $1.50 per bale; sheet green moss, $2.50 per bbl.; clump moss, 75c per bag.
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Sphagnum moss, best quality, 75c per bale; 10 to 40, 60c each. Cash with order.
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Ten bales sphagnum, $7.00.
Z. K. Jewett Co., Sparta, Wis.

TIN FOIL.

Tin foil, 10 lbs., 10c per lb.; 100 lbs., $9.00.
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Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00. Write us for prices on large quantities.
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Wm. H. Woerner, Wire Worker of the West. Manufacturer of florists' designs only. Second to none. Illustrated catalogues.
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

50 per cent less than manufacturing cost. Our specialty—100 assorted designs, $10.00.
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Headquarters for wire work. Send for list.
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Illustrated book, 250 designs free.
C. C. Pollworth Mfg. Co., Milwaukee, Wis.

Full line of wire work. Write for list.
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We can supply any of the following books at the prices noted, postpaid, and any other book at publishers' price:

Pronouncing Dictionary.
A list of plant names and the botanical terms most frequently met with in articles on trade topics, with the correct pronunciation for each. **25 cents**

Hardy Perennials and Old-fashioned Garden Flowers.
By J. Wood. Describing the most desirable plants for borders, shrubberies, etc., foliage and flowering. Illustrated. **$2.00**

The American Carnation.
By C. W. Ward. Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. This book is the work of a careful, studious grower of ripe experience. Fully illustrated. **$3.50**

Tomato Culture.
By W. W. Tracy, U. S. Dept. of Agriculture. The book deals with every phase of tomato culture and was written for the man who wants the latest and most complete information on the subject. Cloth. 150 pages. Illustrated. **50 cents**

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By Elias A. Long, landscape architect. A treatise on beautifying homes, rural districts and cemeteries. A plain and practical work, with numerous illustrations and instructions so plain that they may be readily followed. Illustrated. Cloth. 390 pages. **$1.50**

The Forcing Book.
By L. H. Bailey. In this work the author has compiled in handy form the cream of all the available information on the subject of forcing vegetables under glass. In addition to this, the experience of many practical growers in different localities is furnished. **$1.25**

Bulbs and Tuberous Rooted Plants.
By C. L. Allen. A complete history, description, methods of propagation and full directions for the successful culture of bulbs in the garden, dwelling or greenhouse. The illustrations which embellish this work have been drawn from nature, and have been engraved especially for this book. Cloth. **$1.50**

Insects and Insecticides.
By Clarence M. Weed, D. Sc. A practical manual concerning noxious insects and the methods of preventing their injuries. Profusely illustrated. A generally useful handbook on noxious insects. It covers the whole field of insect pests very thoroughly and is especially valuable for its complete and up-to-date methods of fighting insects. The work is intensely practical. All the important insect pests are described and remedies for them, and methods of preventing their injuries described in detail. Cloth. **$1.50**

Handbook of Plants and General Horticulture.
By Peter Henderson. This new edition comprises about 50 per cent more genera than the former one, and embraces the botanical name, derivation, natural order, etc., together with a short history of the different genera, concise instructions for their propagation and culture, and all the leading local or common English names, together with a comprehensive glossary of botanical and technical terms. Plain instructions are also given for the cultivation of the principal vegetables, fruits and flowers. Cloth. **$3.00**

Greenhouse Management.
By Prof. L. R. Taft, of Michigan Agricultural College. A manual for florists and flower lovers on the forcing of flowers, vegetables and fruits in greenhouses and the propagation and care of house plants. It treats of all the plants commonly cultivated by florists and amateurs, and explains in a thorough manner the methods that have been found most successful in growing them. Particular attention is paid to the growing of cut flowers, the growing of fruits under glass, etc. Of special value will be the directions for treating plants when attacked by insects and fungi. The preparation of the soil, the use of various manures, composts and fertilizers, watering, ventilating and heating receive careful and minute attention. Cloth. 400 pages. **$1.50**

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334 Dearborn St. CHICAGO

No order too large for us to give you prompt shipment

ESTABLISHED 1862
W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.
Manufacturers of STANDARD FLOWER POTS

No order too small to receive our careful attention

Mention The Review when you write.

READING, PA.

The Market.

Business for the last few weeks has been rather backward, due to an oversupply of chrysanthemums and the invasion of this city by several of the leading cut flower fakers of Philadelphia, who occupy large stands in the city's main streets and local market houses. These fakers were selling roses at the rate of two for 5 cents, and carnations seven for 5 cents, while the top-notch Christmas price lists were about to go into effect. This is a deplorable state of affairs, and is greatly regretted by the local florists.

Open weather predominates and the outlook for mild holiday weather is favorable.

Various Notes.

Henry J. Huesman reports a fairly good outlook for the holidays. A choice line of blooming plants can always be seen at his establishment, together with large crops of smilax and sweet peas.

John H. Giles' store and greenhouse have taken on their holiday attire and present a magnificent appearance. Mr. Giles has been busy with several large wedding decorations, among the notable ones being the wedding of Miss Endlich, daughter of Judge G. A. Endlich, of this city.

Jacob A. Bauder, of Tenth and Windsor streets, who has been confined to bed on account of injuries received by being kicked by a horse, is able to be about again. Mr. Bauder has been especially busy on funeral work and has turned out some handsome designs during the last few weeks. His houses of carnations are in the best of condition and buds by the thousands can be counted in each house. These will be just right for Christmas.

The G. H. Hoskins Co. reports an encouraging outlook for the holidays. The firm's greenhouses at Wyomissing present their usual attractive appearance, and the plants and cut flowers for the holidays are in the pink of condition.

Heck Bros., of Wyomissing, have been extremely busy preparing their immense stock of holiday plants for shipment and local delivery. Gloire De Lorraine is seen here in all its grandeur. The plants in 3-inch to 5-inch pots and pans are a sight worth seeing. Their houses of carnations are just right for the holidays. This place is the home of the new pink chrysanthemum, Hawthorne. Large benches, with an abundance of cuttings of this variety, are being cared for with a view to spring delivery. Several other noted seedlings will also be sent out for trial.

H. C.

RED
Standard Flower Pots
Price list and samples on application.
PADUCAH POTTERY CO., INC.
PADUCAH, KENTUCKY
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For "Pot Luck" Try Us
HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
World's Largest Manufacturers
Write for Catalogue and Discounts.
A. H. HEWS & CO., Inc., Established 1765 CAMBRIDGE, MASS.
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KELLER POTTERY CO.
Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
213 to 223 PEARL STREET, NORRISTOWN, PA.
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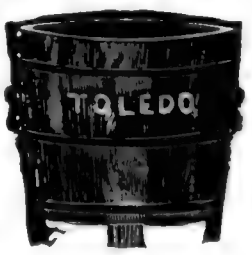
THE FAMOUS IONIA POTS
STRONGEST, LIGHTEST, MOST POROUS.
Packed in strong, hardwood crates. Plenty of straw.
We solved the breakage problem years ago.
We are ready for that order NOW.
IONIA POTTERY CO., - - IONIA, MICH.
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OUR AIM
To give the florists the best goods with prompt service at fair prices.
Our catalogue tells it all.
Syracuse Pottery Co.
SYRACUSE, N. Y.
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American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50

The American Woodenware Mfg. Co
TOLEDO, OHIO



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Kramer's Pot Hanger
For Sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.
I. N. KRAMER & SON, Cedar Rapids, Iowa
Mention The Review when you write.

All The Clay
for our
Florists' Red Pots
is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.
THE PETERS & REED POTTERY CO.
ZANESVILLE, OHIO.
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GEO. KELLER & SON
Manufacturers of
RED POTS
Before buying write for prices.
2614-2622 Herndon Street Near Wrightwood Ave., CHICAGO, ILL.
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Standard Red Pots
Price list and samples on application.
We carry a complete line of Florists' pots.
Weis & Schmidt Pottery Co.
MILWAUKEE, WIS.
Mention The Review when you write.

DETROIT.

The Market.

Merry Christmas! Every indication at present points to a Christmas business that will outclass all previous years. Christmas shoppers are beginning to realize the advantage of doing their buying earlier, and the flower store men of this city have also felt that the public is buying earlier this year. This is but Sunday, still a visit to the retail stores will show you many ferns, palms, jardinieres, etc., with "sold" tickets on them.

There is little to say about the cut flower stock. Flowers of every description have been none too plentiful for some time. Last week there was a big demand for valley, roses, violets, orchids, etc., as there were several debutantes. There was also considerable funeral work and it is a tough proposition to make up large designs with but few white flowers, and these worth their weight in gold. No doubt there will be plenty of flowers after Christmas.

There was much more truth than poetry in the paper of Charles Fox of Philadelphia, published in the REVIEW December 9. The writer got the opinion of several prominent store men of this city on this article and each one thought it splendid and hoped the time was not far distant when the growers would wake up to the fact that the outrageous prices asked at Christmas were most detrimental to our business.

The high price of ground pine has created a demand for laurel festooning, the latter being more in evidence than ever before. Many of the better stores are also becoming tired of ground pine garlands.

Various Notes.

A glance at some of the store windows of the florists this week is all that is necessary to tell one that it is Christmas time. Poinsettias, natural and almost natural, without which Christmas would be almost impossible, are of course the predominating feature in nearly every window.

In one of Breitmeyer's windows is a fine display of Dresden china. Sullivan's window is prettily trimmed with garlands, bells, poinsettias, etc. W. B. Brown is strong on brassware and is making a good showing of this.

An uncle of Herman Knope died in Chicago last week and Herman went to Chicago, intending to attend the funeral, but his own children being sick with scarlet fever he stayed but one day.

The Twentieth Century Club building was twice beautifully decorated this week. Monday the decorations were done by B. Schroeter and Tuesday by Breitmeyer's.

H. S.

Greenhouse Heating.

NO FUEL SHORTAGE.

In order to relieve the mind of the public in the northwest and prove that there is no danger of a coal famine, the St. Paul roads have begun to haul coal from the Illinois fields to the Twin Cities in train loads. Enough coal will be poured into the northwest to prove that the railroads are able to handle all the fuel that is needed. For the purpose of further relieving the public apprehension which has arisen on account of the statements with respect to the coal situation, railroad managers have had a canvass made of the mines along their lines. The result is the statement that none of the Illinois mines is running full time, on account of the slack demand for coal.

STEAM FOR THREE HOUSES.

Enclosed you will find a plan of my greenhouses, which will be built next spring. I should like to know how to heat these with steam, and also what kind and size of boiler would be best. I should like a low pressure system. The boiler room will be five feet deep. The greenhouse walls will be of concrete, four and one-half feet high, with eighteen inches of glass in the south wall. The two large houses will have solid beds of concrete construction, one foot high. The houses will be used for chrysanthemums and sweet peas, or lilies. I am located in northern Illinois. J. R. F.

As near as can be determined from the plan, there are two houses about 24x117 feet and one house 12x117 feet. The ridge is nearly twelve feet high in the wider houses and nine feet high in the narrow house.

To heat these houses to 50 degrees a boiler with a rating of about twenty-five horse-power will be desirable, as, in addition to supplying 1,200 square feet of radiating surface for the greenhouses, there is a large office to heat. In the wider houses it will be well to run a 2-inch overhead main and then use eight 1¼-inch returns. The returns can be on the walls and along the side of the beds. In the narrow house it will suffice if one 2-inch flow and four 1¼-inch returns are used.

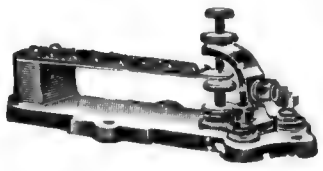
The boiler room is so shallow that it will probably be advisable to put in a steam trap. There are several excellent boilers advertised in the REVIEW.

HOUSE FOR GENERAL STOCK.

I have a house which I wish to pipe for hot water. It is 16x90 feet, four feet high at the sides and nine feet high at the ridge, with no glass in sides or ends. The flow pipe will have to run uphill from the boiler to the farther end. Where shall I connect the expansion pipe? The boiler pit is eight and one-half feet below the floor of the house.

I want to use 2-inch flows and 1¼-inch returns, as I have a lot of those sizes of pipe on hand. How much piping and

No More Ruined Stock
No More Sleepless Nights



This little ADJUSTABLE THERMOSTAT does the work. Set the instrument at the minimum temperature wanted. It will ring a bell at the head of your bed when that temperature is reached.

Loyd C. Bunch, of Fredonia, Kan., writes: "I have used this kind of Thermostat four years and it has never failed. I set it at the minimum temperature I want, and go to bed and sleep soundly until my bell at the head of my bed wakes me."

Complete outfit, only $2.50

Includes Thermostat, alarm bell, 2 dry battery cells, 150 ft. insulated wire, switch, tape and staples. Full instructions for installation with each outfit. Anybody can put it up.

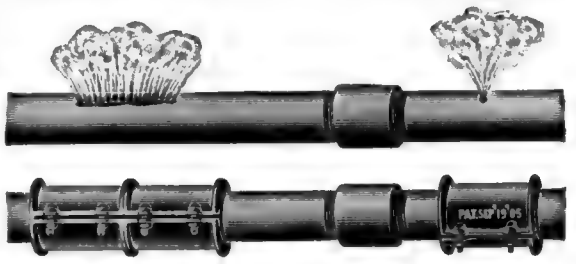
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188 Fifth Ave., CHICAGO, ILL.

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WILKS
Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses :: ::
No night fireman required with our Self-feeding Hot Water Boilers.
Send for Catalogue and Prices
S. WILKS MFG. CO.
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Leaks Ruin Stock
Don't Have Them
Our Emergency Pipe Clamps
are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



Send for catalogue.
Pipe Repairs and Steam Specialties
JAMES McCREA & CO.
Manufacturers
558-560 Washington Blvd. CHICAGO

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SMITH, LINEAWEAVER & CO.
COAL
Anthracite, Bituminous, Coke and Gas Coal
West End Trust Building. Philadelphia

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Metallic Thermometer "A"

SIZE—8 inches high, 4 inches wide, 2 inches deep. Case made of cast aluminum, highly finished.

This little instrument is an accurate, fully tested thermometer showing the correct temperature at all times, and combines a device which will ring a bell at your bedside when the greenhouse gets either too hot or too cold.

The florist needs protection against the overheating of his greenhouses as well as a protection against cold, for which we can highly recommend our type "A." This device serves both purposes, and at the same time indicates, as previously stated, the actual temperature in his greenhouse.

We guarantee that actual results will at all times be obtained. This device has been subjected to the severest tests in our laboratory, for over two years, and at the same time has given entire satisfaction, under all conditions, to many users in the trade.

All you have to do is to set the pointers at the highest and lowest temperatures you want, and the thermometer will do the rest. It will ring a good, loud bell when either point is reached.

This device saves all worry over trouble from sudden temperature changes.

Investigate it today.

The "National" Differential Temperature Alarm



SIZE—4 inches in diameter, 1½ inch deep. Casing made of Sheet Aluminum.

A sudden cold snap, or a rapid thaw, may mean hundreds of dollars' loss because your greenhouse gets too hot or too cold before you realize the sudden change that has occurred.

Protect yourself from such danger

Our Differential Temperature Alarm is specially designed for florists' use and is **guaranteed** to give absolute protection from the dangers before stated. Set the pointers at the highest and lowest temperatures desired and this device will positively ring a bell at your bedside when either point is reached.

Over 2,000 of these instruments are now giving complete satisfaction to florists throughout the country.

It is constructed of the very best material available for the purpose, and contains no complicated mechanism; hence serves its purpose a lifetime.

The pointers on face of instrument can be set so as to allow a difference between a possible increase or decrease of temperature of only two degrees. All that is necessary is to change position of pointers by loosening set screw in center so as to set the pointers or hands on face of dial; then tighten said set screw.

We also manufacture separate instruments; No. 1, to ring a bell when the house gets too hot; No. 2, to ring a bell when the house gets too cold. Of course, the most useful is the instrument illustrated above, which is a combination of both No. 1 and No. 2.

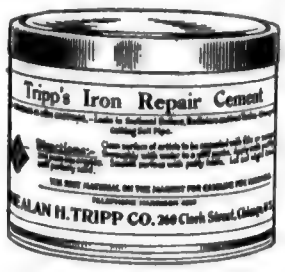
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National Clock & Electric Mfg. Co.

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FOR $1.00



We will send you by express, all charges prepaid, a one pound can of

Tripp's Pipe Joint Compound

Ground in Boiled Linseed Oil, ready to use, and a one pound package of

Tripp's Iron Repair Cement

The Alan H. Tripp Co.

260 S. Clark Street, CHICAGO

Mention The Review when you write.

what size of boiler will be needed? Here, in southeastern New Hampshire, the temperature is seldom 15 degrees below zero. I want a house for a general line of plants for spring sales. I. F.

For a house of this length it is always best to use 2-inch pipe for the returns and 2½-inch for the flows, but with the deep boiler pit fairly good results should be secured with 1¼-inch pipe in the returns.

It will require about 650 square feet of radiation to furnish a temperature of 60 degrees, and for this it will be advisable to use a boiler with a radiation rating of 800 to 900 square feet. For the radiating surface use four 2-inch flows and twelve 1¼-inch returns. Instead of this, three 2½-inch flows and eight 2-inch returns could be used with better results. Connect the expansion tank with the main return.

A KENTUCKY RANGE.

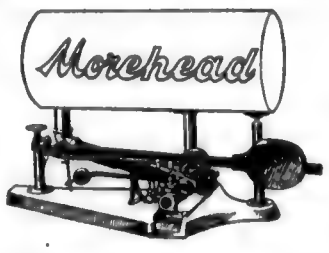
I have leased a small range in Kentucky. It consists of one house, 18x100, in carnations; one house, 18x100, in chrysanthemums and sweet peas, and one house, 16x100, in roses. The houses are four feet to the gutters and ten feet to the ridge. They are heated with a 10-section hot water boiler, with a grate surface 20x32 inches. The piping is all 2-inch in the houses. In the carnation house there are twelve runs of pipe; in the mum house, ten runs of pipe, and in the rose house, eight runs. All the pipe is underneath the side benches, and in the carnation and mum houses the pipes have a drop of sixteen to eighteen inches in the 200 feet of piping. In the rose house the pipe runs uphill about sixteen inches in the 100 feet and drops back about the same amount.

Is the boiler large enough to carry these three houses? How much more piping, if any, is necessary in these respective houses to maintain 50 degrees in the carnation house, 45 degrees in the mum house and 60 degrees in the rose house? What plan would you recommend for the heating of these houses?

F. W. M.

In determining the capacity of a hot water heater a good deal depends upon the efficiency of the fire surface, and without knowing this it is not possible to

A Better Growth of Flowers Guaranteed



The reason more Morehead Steam Traps than any other make have been sold in the past twenty years is because they are directly responsible for a better growth of flowers wherever installed. "The best investment we ever made." is the statement we invariably receive.

"How and why" in the Trap Book. Send for it.

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The Kroeschell Boiler

Is the only perfect

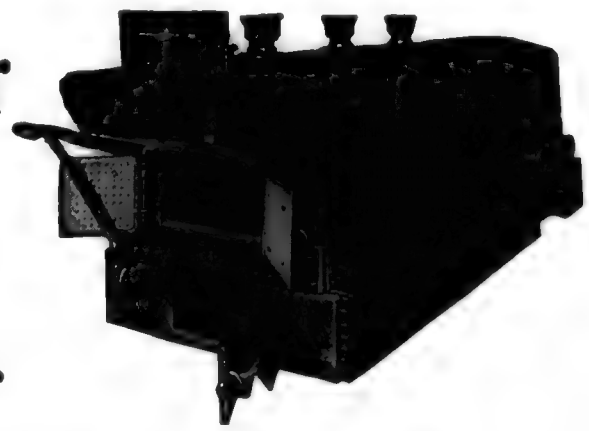
Hot Water Boiler

made in 15 sizes, heating from the smallest greenhouse up to 50,000 square feet of glass to 60 degrees, at 15 degrees below zero.

PRICES AND CATALOGUE on application.

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DRAPER'S

Recording Thermometer

Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed.

Size 14 x 20 in., price $30.00
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High-Grade Boilers

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STEAM and HOT WATER

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Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO. 283 Dearborn St. CHICAGO

Steel Return Tubular Boilers

The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.

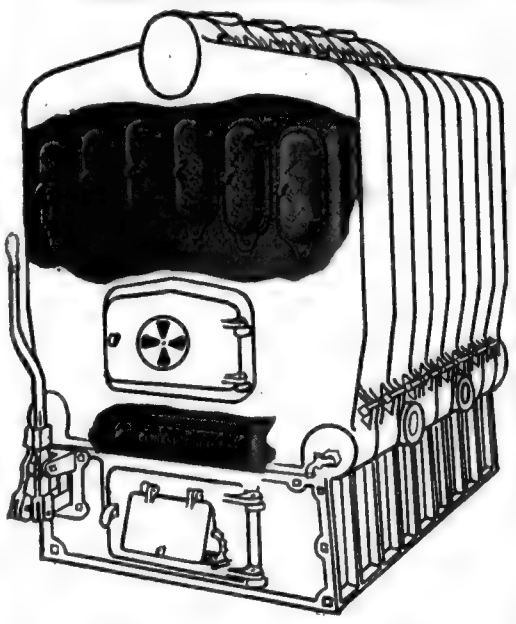
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The Burnham



Every flue has its own separate clean-out door—you can clean any flue at any time with any fire.

Do not warp out of shape like big doors, and affect the draft.

Lord & Burnham Co.

IRVINGTON, N. Y.

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tell definitely how much radiation a given heater can handle. However, as the area of the grate is only four and one-half square feet, it cannot be rated higher than 1,500 square feet of radiating surface, and it is probable that 1,250 feet would be enough for it, while the radiation now in the houses is 2,000 square feet. Under these conditions economical results should not be expected.

An even greater discrepancy is noticeable when the amount of radiation in the different houses is compared. The carnation house has fifty per cent more radiation than the rose house, although it is only two feet wider, and this difference in width is more than balanced by the higher temperature required for roses.

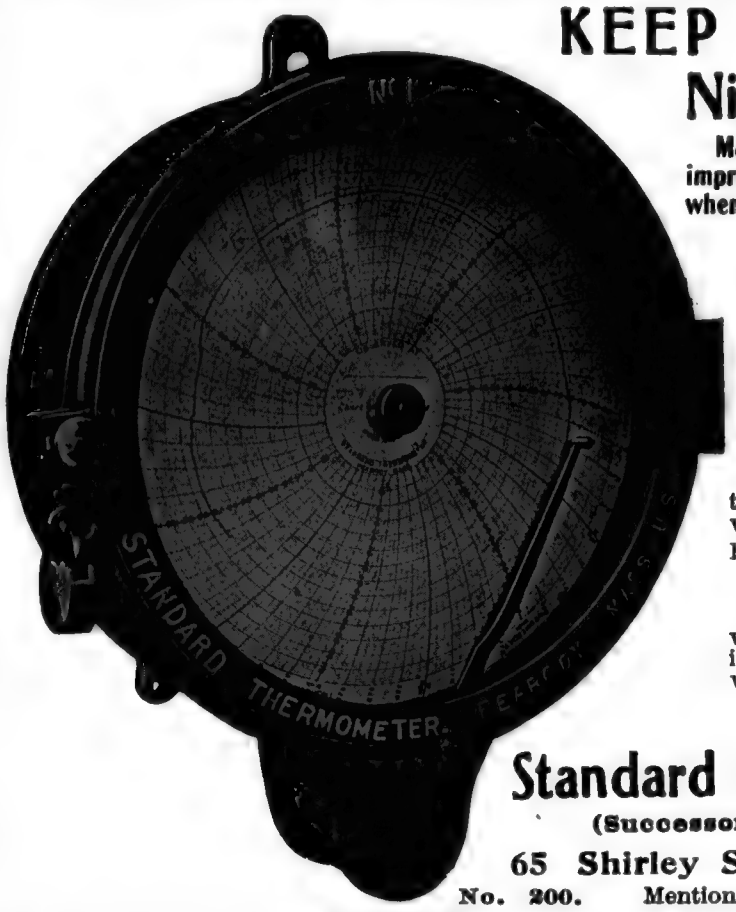
At the most only eight runs are required in the carnation house, and seven would answer for chrysanthemums, while to carry the rose house at 60 degrees at least ten runs of 2-inch pipe should be used. If the top of the heater is well below the level of the returns, fairly good results can be secured by using three of the 2-inch pipes as flows in each house, and the others as returns, but it will be even more satisfactory if two 2½-inch pipes are used as flows and five, six and eight 2-inch returns are used respectively in the chrysanthemum, carnation and rose houses.

SIZE OF MAIN FLOW.

How large a main flow will be required to furnish steam to 100,000 square feet of glass, the steam to be carried 300 feet from the boilers, with a pressure of twenty-five pounds? I am located in Indiana. A. R.

If the pipe is well insulated it need not be larger than 5-inch, although better results can be secured if a pressure of at least forty pounds is carried in the main flow pipe.

THE REVIEW can supply any horticultural books at publishers' prices.



KEEP TAB ON THE Night Temperature

Many a grower has found an immediate improvement in the quality of his stock when he put in our

IMPROVED

Recording THERMOMETER

It tells in the morning just how the temperature in the houses has varied during the night.

Illinois State Florists' Association.

Edwardsville Ill., Oct. 28, 1908.
The Recording Thermometer is working o. k. I would not part with it for twice the cost. Send me $1.00 worth of charts for the same.
J. F. Ammann.

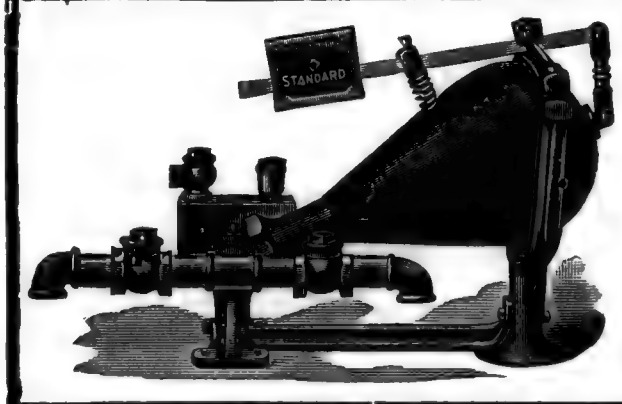
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Standard Thermometer Co.

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No. 200. Mention The Review when you write.



The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

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Taylor Automatic RETURN TRAP



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Write for our Guarantee and Best Prices

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THE SUPERIOR GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of

GRATE BARS

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Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

MANUFACTURERS OF ELECTRIC GARDEN HOSE

Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Write for prices.

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PROVIDENCE, R. I.

The Market.

The rush on Christmas goods set in a few days ago and soon attained a volume seldom experienced in this city. Prices have stiffened for the holidays, but generally speaking there is a sufficiency for the demand, and the demand is sufficient to keep everybody moving. There has been an unusual quantity of greens of all kinds. Holly was plentiful and well berried; laurels were not so abundant but of good quality, and boxwood was par excellence.

Various Notes.

The annual meeting of the Newport Horticultural Society was held December 14, with an unusually large attendance. The following officers were elected: President, James Robertson; first vice-president, John P. Hammond; second vice-president, John Forbes; recording secretary, Daniel Coughlin; financial secretary, Andrew S. Meikle; treasurer, A. M. McMahon; sergeant at arms, William F. Smith; auditing committee, Bruce Butterton, W. Scott Sisson and Herbert Sisson; executive committee, James Robertson, John P. Hammond, John Forbes, Daniel Coughlin, Andrew S. Meikle, A. M. McMahon, Samuel Speers, Alexander McClellan, Charles Newton, C. M. Bogholdt, John Urquhart, Bruce Butterton, Patrick F. Reynolds and John Mackie.

O'Connor had the decorations for the Mauran-Lewis wedding December 15.

William Appleton, Jr., has been busy up to date on outside work. He still has ten men engaged in this, and six in his houses.

The stock of Walter Rogers, agricultural and horticultural supplies, Bank block, Hope Valley, was sold at auction by Trustee in Bankruptcy E. L. Crandall, December 17.

Prof. J. Franklin Collins, Brown University, gave an illustrated lecture on the evergreen trees of New England at the monthly meeting of the Rhode Island Horticultural Society, December 15. Secretary Smith was reported as being much improved.

Charles W. Littlefield picked arbutus blossoms in the open woods December 12, near Natick.

James Crawshaw, 403 Plainfield street, reports to the police that some one forced an entrance to his greenhouse by way of a rear door on the night of December 14. They were evidently frightened away, as nothing was missing, but the door was left open all night.

Carl Jurgens estate is erecting a block of four greenhouses about 200 feet in length in addition to the extensive range at Newport. They are to be put to summer roses.

William Hay was a visitor in Newport last week.

Nelson Pierson gave a roast duck supper December 15 to Mr. and Mrs. John F. Wood in honor of their recent wedding.

Samuel A. Woodrow, of the Fernwood Nursery, Stamford, Conn., was in the city December 18.

Charles H. Hunt has been rearranging the benching in his houses.

W H. M.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

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NEW YORK PHILADELPHIA PITTSBURG CHICAGO
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Are the best and cheapest plant boxes in the market for large plants, boxwoods, bay trees, etc. They are attractive in design, strong and durable. Suitable for either outdoor or indoor use. Write for prices.

WAGNER PARK CONSERVATORIES, Sidney, Ohio

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Awarded diploma and medal, 1907, for the celebrated **Shower Maker, $1.00**
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kapcsay, South Bend, Ind.

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Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$2.25 per 100
No. 1	3x4½x16	2.00 per 100
No. 2	3x6x18	2.50 per 100
No. 3	4x8x18	2.90 per 100
No. 4	3x5x24	3.00 per 100
No. 5	4x8x22	3.50 per 100
No. 6	4x8x28	4.50 per 100
No. 7	6x16x20	5.75 per 100
No. 8	3x7x21	3.00 per 100
No. 9	5x10x35	6.75 per 100
No. 10	7x20x20	7.50 per 100
No. 11	3½x5x30	3.75 per 100

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

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COLUMBUS, OHIO

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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91-93 CHAMBERS ST. NEW YORK

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ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
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Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x8	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12.00
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

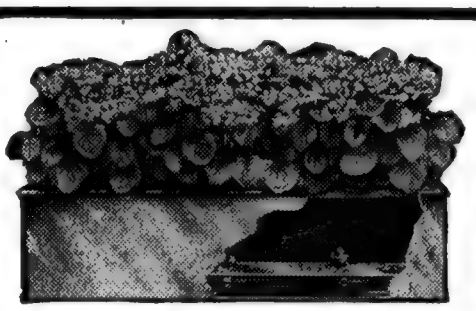
Freight prepaid to any station east of the Mississippi River on all orders received during December amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.

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TIME IS MONEY Save ⅓ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 15c per lb. Write for prices on larger quantities.
Wm. Schlatter & Son, Springfield, Mass.



Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

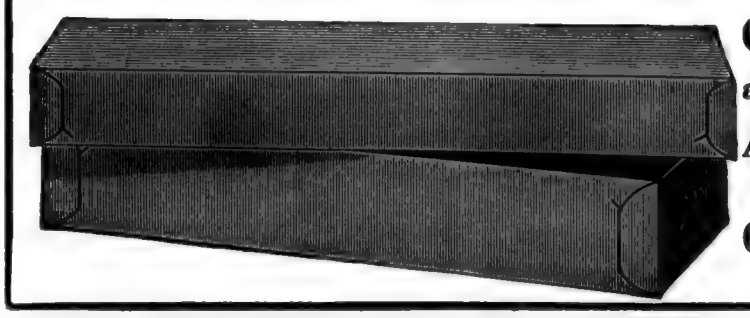
THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. **Your jobber will supply you,** or write to

Handsome illustrated booklet sent free on request. **ILLINOIS HEATER & MFG. CO.** 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

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All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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Self-tying Rose Stakes
Adam Heim & Son Support and Rose Stake Co.
CONNERSVILLE, IND.
Write for prices.

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NEW BEDFORD, MASS.

The Market.

Trade last week was good, with flowers none too plentiful. Carnations are rather scarce. Last week they were retailing at 60 cents to 75 cents per dozen. Some nice roses are coming in and are retailing at $2 per dozen and upwards. Mums are about all done. This has been a successful season for them, with good paying prices. Violets retail at $1.50 per hundred blooms; sweet peas retail at $1 per hundred blooms whenever there are any. Stevia, mignonette, alyssum and other fine flowers help out. Paper Whites retail at 60 cents per dozen. A few daffodils are to be seen, the first of the season here. There is a good demand for wreaths, etc. Christmas trees sell fairly well. The weather last week was quite cold, the nights being unusually cold, with good, clear sunshine most of the time through the day. Funeral work is good here, calling for lots of short and fancy stock.

Peter Murray is sending in some nice Lorraine begonias and azaleas from his Fairhaven place. W. L.

CINCINNATI.

The Market.

We are having real winter weather this week, with the thermometer hovering around zero. There has been a shortage in some lines, especially in carnations and violets, but prices have averaged well and everything has moved freely in the commission houses. Carnations, as usual, have first call and wholesalers fear that there will be a big shortage for Christmas. Prices on choice stock will run up to $10 per hundred and perhaps above, while $6 to $8 will be the ruling prices for standard varieties. American Beauties, while not in heavy demand, have cleaned up daily. My Maryland, Killarney and Richmond at present are in fine shape and command top-notch prices.

Harrisii and callas are selling at from $10 to $15 per hundred and Paper White narcissus brings $3 to $4, while poinsettia gets $15 to $25 and valley $4 to $5. Violets had a steady call at $1 per hundred. Green goods of all kinds are plentiful and good holly moves readily at $4 per crate.

Various Notes.

The retail stores about town are now nicely decorated in holiday attire and some of them are unusually attractive.

Poinsettia, azalea and Gloire de Lorraine are seen everywhere and make a gorgeous display in the leading stores along Fourth street.

Lorraine and Pres. Taft begonias, from the J. A. Peterson establishment, were superb this season. Some specimen plants from this place measure twenty-four inches across, grown in 8-inch pans.

William Murphy, R. Witterstaetter and Tom Windram, all carnation specialists, went out one day last week to view Christ Murphy's new red carnation. They all speak highly of it as a producer and claim it will be a money-maker.

Charles Murphy has just completed a new house 30x100 for spring stock.

Miss Minnie Greensmith, age 24, died December 18 at the home of her parents at Covedale, after an illness of a week. She was an active worker in church circles and beloved by all who knew her. We extend to the bereaved family our sincere sympathy. H. Schwarz.

Used it for Seven Years and Says:

Have used The Fumigating Kind Tobacco Powder for the past seven years and found it all anybody could desire, and I take great pleasure in recommending it as first-class in every respect.

W. E. Doyle, Cambridge, Mass.

Green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder



Not genuine without it.

All *our* bags have our guarantee tag on the bag, reading "Satisfaction or Money Back," and this trade mark

$3.00 per bag 100 lbs.

It costs 15 cts. to thoroughly fumigate a house 100 x 25.

We sell direct to the grower.

Says Nothing Better.

We have used The Fumigating Kind Tobacco Powder for years and not found anything better.

T. E. Palmer & Son,
Mendenhall, Pa.

The H. A. Stoothoff Co
Mount Vernon, N. Y.

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DO YOUR PLANTS AND FLOWERS EAT ENOUGH?
DO YOU GET A TOP PRICE MARKET?



Grain fed sheep manure is Nature's fertilizer, possessing in excess those elements necessary for hardy plant life in readily available form. The large percentage of humus also makes available dormant elements in the soil.

By special process the raw material from covered pens only is dried, ground, weed seeds destroyed and packed in 100 lb. bags.

Sheep's Head brand trade-mark guarantees it to be unadulterated, reliable, safe, quick acting and a perfect plant food for plants of all kinds.

Send postal for our interesting booklet describing supply, making and applying; also prices.

WRITE TODAY.

Natural Guano Company, 300 Montgomery Ave. AURORA, ILL.

Dibert, Stark & Brown Cypress Co.
DONNER, LA.
Manufacturers LOUISIANA CYPRESS LUMBER Lath and Shingles
Write us when you are in the market. Mention name of your dealer. Pecky Cypress a Specialty

Imported Scotch Soot
100 lbs. in double lined bags at $2.50 per bag; 5 bags for $11.25; 10 bags for $20.00.
ARTHUR T. BODDINGTON, SEEDSMAN 342 West 14th Street, NEW YORK

Florists' Refrigerators
Write us for catalogue and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.
McCray Refrigerator Co. 861 Mill Street, KENDALLVILLE, IND.
Mention The Review when you write.

THE GRANITE STATE MOWING MACHINE CO.
HINSDALE, N. H., U. S. A.
Manufacturers of Granite State Lawn and Field Mowers, Capitol Trimmers and Specialties for Garden and Cemetery use.
Mention The Review when you write.

DON'T MISS
Looking over our adv. in April 22 and May 6 issues. We offered some great values. Some fine Rubbers offered at $3.00 and $4.00 doz.
Our Flowering Begonias are fine.
THE REESER FLORAL CO., Urbana, Ohio
Mention The Review when you write.

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.75; 50,000....$7.50; Sample free.
For Sale by Dealers
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Tobacco Paper
Is the
STRONGEST,
BEST PACKED,
EASIEST APPLIED

24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" LIQUID

Furnishes the Most Nicotine for the Money!

Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine
By far the CHEAPEST.

Just Note Prices!
Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine
FOR SPRAYING

FUMIGATING PAPER
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FOR SLOW BURNING

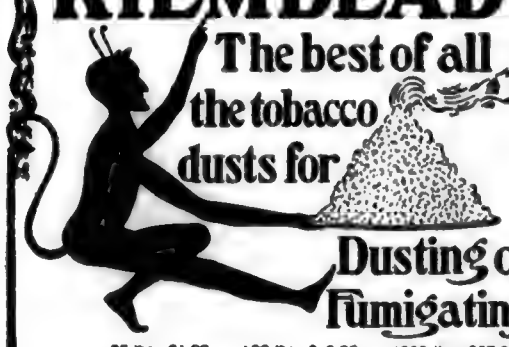
DUSTING POWDER
FOR VEGETABLE GROWERS

You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT
76-78 Wabash Ave. CHICAGO.

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KILMDEAD
The best of all the tobacco dusts for Dusting or Fumigating



25 lbs., $1.00 | 100 lbs., $ 3.00 | 1000 lbs., $27.00
50 lbs., 1.75 | 500 lbs., 14.00 | 2000 lbs., 52.50

Stumpp & Walter Co 50 Barclay St., New York.

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KILL SAN JOSE SCALE

You need not lose your fruit crop this season. Spray your vines and plants early with a strong solution of

GOOD'S Caustic Potash Whale Oil SOAP No. 3

It will positively destroy scale, apple scab, aphis, lice, bugs, worms, white fly and all other insects and parasites which infest your trees, plants and shrubs. It contains no poisonous or injurious ingredients; no salt, sulphur nor mineral oils. It fertilizes the soil, and quickens growth. Endorsed by the
U. S. Department of Agriculture.
50 lbs., $2.50; 100 lbs., $4.50; larger quantities proportionately less.
Write for free booklet, "A Manual of Plant Diseases."
JAMES GOOD, Original Maker, 985 N. Front St., Philadelphia

Peerless Sulphur Blower
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago
McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

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...USE...



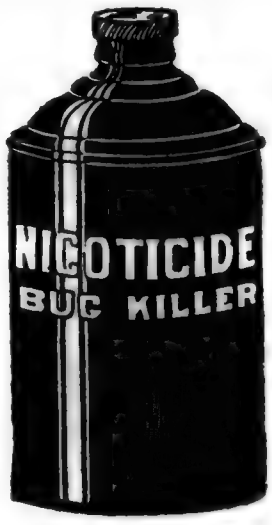
TRADE MARK.

Sold by the Seedsmen of America, From the Atlantic to the Pacific Oceans.

FOR PAMPHLET ON BUGS AND BLIGHTS
Write to

B. HAMMOND, Fishkill-on-Hudson, N. Y.

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THE BEST
Bug Killer and Bloom Saver

Drop us a line and We will prove it

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WASHINGTON.

The Market.

The Christmas rush is here and all hands are working overtime. The shops are pretty well stocked with plants of all descriptions, and all in pretty good shape, too. Present conditions seem to insure a satisfactory Christmas business.

Poinsettias are exceptionally good this season, with the supply unlimited. A few double poinsettias are to be seen, of exceptional quality.

Red carnations are quite scarce and a number of the retailers are not booking orders for Christmas delivery, having already sold their supply. Violets this season are of unusually good quality. The supply of roses will be limited. Sweet peas are in fine shape, with a fair supply.

A good many florists are making good use of the artificial poinsettias in their display windows. It is a question as yet undecided whether or not it is well to encourage the sale of artificial flowers. A customer may purchase a centerpiece of artificial poinsettias for her Christmas dinner table; after the affair is over, she stores them away for future use; the following year she hauls them out again, using them for the second or even the third time, and thereby the florist loses two or three sales of natural flowers. How does the florist profit?

Various Notes.

Mayberry & Hoover are quite busy with the Christmas rush, which necessitates the employing of extra help.

Henry Pfister, on Connecticut avenue, is busy with the trade of the elite.

Mrs. William Partridge has gone to her home in Cincinnati, O., to spend the Christmas holidays.

J. A. Peterson, the well known plant grower of Cincinnati, O., made his rounds among the florists of this city last week.

Z. D. Blackistone is able to be at his place of business again.

Marche & Co. are displaying a good looking lot of stock.

Theo. Diedrich, of Congress Heights, has a fine lot of single violets, which are readily salable in this market.

W. F.

ELIZABETH, N. J.—The undertakers and liverymen have combined against the holding of funerals on Sunday. The movement has the support of the clergymen and especially of the florists, who also gain a day of rest.

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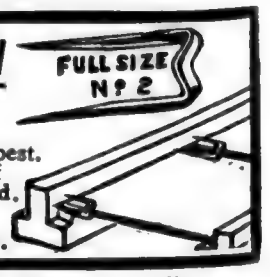
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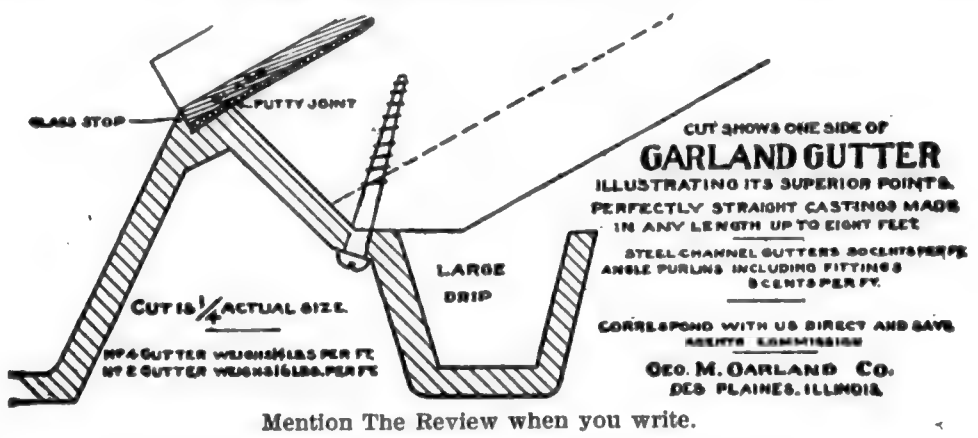
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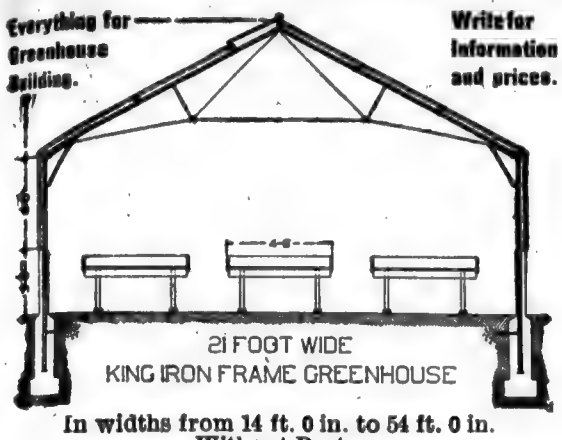
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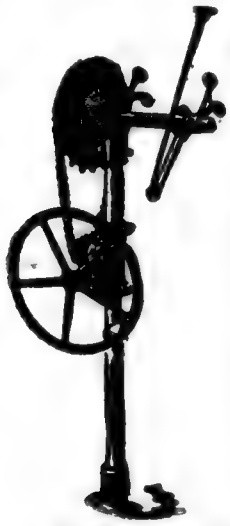
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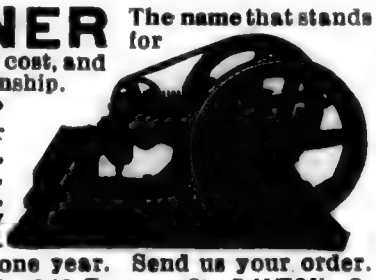
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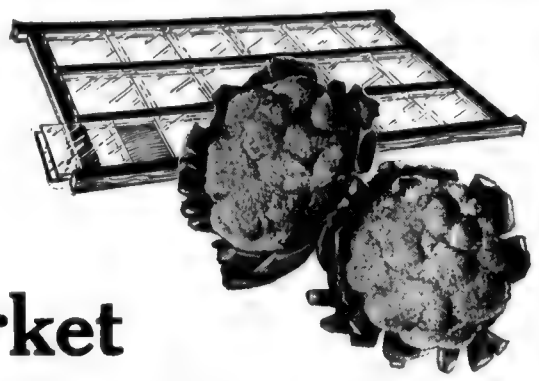


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M. STEINER & CO., 242 Torrence St., DAYTON, O.

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The secret of success in market gardening is earliness. The Sunlight Double Glass Sash makes it easy to have the earliest and **best** plants. They will be ready as soon as the field is ready to receive them. The resulting crops will get the top-notch prices.

Sunlight Double Glass Sash lets in all the light all the time. Mats and boards for covering are no longer needed saving expense and labor.

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The two layers of glass do the work. A ⅝-inch cushion of dry air between acts as a transparent blanket over the plants and protects them even in zero weather.

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Get our new catalog on hot-bed sash. Prepaid freight offer. Safe delivery Guaranteed.

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Manufacturers and Jobbers in
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Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.

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Most complete Factory of its kind in the United States.

Established 38 Years.

Absolute Reliability.

Personal Attention Given to Every Order.



ONE OF OUR NEW ADDITIONS.

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LOUISIANA RED CYPRESS, BOILERS, PIPE, FITTINGS, VENTILATING APPARATUS, GLASS,
We carry 20,000 boxes in stock.
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GLASS

Higher prices sure—buy now—save money.

We are with you all the time—don't buy until you get our prices.

SHARP, PARTRIDGE & CO.

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LONG DISTANCE PHONE, CANAL 880.



These houses are built entirely of DIETSCH MATERIALS

The owner, Nic Zweifel, of North Milwaukee, Wis., created a sensation at the Chicago and Milwaukee flower shows, with the wonderful perfection of his carnations. To grow perfect flowers, you need **perfect houses.** When you plan your improvements for 1910, plan to use **Dietsch Materials** and grow prize winning flowers.

WRITE US for sketches and estimates on modern, efficient and durable houses at moderate cost.

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PECKY CYPRESS

For Greenhouse Benches. By far the best material.

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It will be open-air dried in the South and delivered when you want it.

Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, etc.

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Telephones Lincoln 410 and 411.

This Will Never Happen to Your House If We Build It



Nails rusted off—roof bars rotted out.

It's just the natural result of wooden eaves, nailed on roof bars and wooden posts. There's no wooden frame house that will stand a fraction the time that the Hitchings Iron Rafter house will—not to mention the difference in the amount of light that actually reaches the plants. The light, flat iron rafters and small roof bars make our house practically as light as day.

Don't be fooled into buying an out of date house for a little less money—it will cost more in the end.

Hitchings & Company

Elizabeth, N. J.

UNIVERSITY OF ILLINOIS

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, DECEMBER 30, 1909. No. 631.

Seasonable Seeds

See our adv. on page 43

ARTHUR T. BODDINGTON, Seedsman 342 W. 14th St., **New York**

Our Stock of

Rooted Carnation Cuttings

are the same price as any reliable firm; the quality just a little better. That is why our customers are always satisfied.

Give us a trial, if you don't know.

Chicago Carnation Co., A. T. Pyfer, Mgr. **Joliet, Ill.**

Now Ready For The

RETAIL STORE TRADE

BEGONIA PRESIDENT TAFT

Large specimens, at their best in January, $1.50 to $2.50 each.

ADIANTUM FARLEYENSE

Good value.....75c and $1.00 each

PANDANUS VEITCHII

Large specimens.....$3.00 to $4.00 each

—Price List on Application.—

J. A. PETERSON, Westwood, Cincinnati, O.

Ten Days' Free Trial

The Baur Carnation Clip

Please send without delay 10,000 more of the Baur Carnation Clips. They are the finest thing on the market. A. J. BOOTHMAN.

The Baur Carnation Clip works like a charm. Send me 10,000 more clips. B. WILLIG.

Send us no money. The cleverest device ever invented for mending **Split Carnations,** will be sent to you absolutely free, without a cent deposit. Worth many times its cost.

Outfit (1 plier and 1000 clips), $2.50. Clips: $1.00 per 1000, $1.50 per 2000, $3.25 per 5000, $6.00 per 10,000, $12.50 per 25,000, $20.00 per 50,000.

We refit old pliers free. Send them in and we will repair or promptly send you a new one.

BAUR FLORAL CO., Erie, Pa.

Azaleas

Of the following varieties: Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Mme. Petrick, Sacuntala, Prof Wolters. 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

Hydrangeas

Field-grown, one to two shoots to the plant, $7.00 to $10 00 per 100. Satisfaction guaranteed. Pot-grown, 4-in., one to four shoots to plant, $12.00 per 100; 5-in., three to five shoots to plant, $15.00 per 100.

Gloire de Lorraine Begonias

3-in., $15.00 per 100; 4-in., $35.00, 100; 5-in., $50.00, 100; 6-in., $75.00, 100.

Lilies

Full cases at 1000 rate.

	Per 100	1000
Giganteum, 7/9, 300 to case	$7.00	$60.00
Magnificum, 8/9, 200 to case	6.00	50.00
Auratum, 8/9, 160 to case	5.00	45.00
Album, 8/9, 225 to case	8.00	75.00
Chinese Lilies, 30 bulbs to basket, 4 baskets to bale, $3.00 per bale		25.00

Spiraea

Washingtonia .....$2.00 per dozen; $10.00 per 100

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

New Chrysanthemums : :

Edmond Albe. Early commercial pink.

Mid-October. Globular incurved.

Elise Papworth. Grand white; won the sweepstakes prize at the Chicago Show.

$5.00 per dozen; $35.00 per 100.

Early Monrovia. $3.00 per 100; $25.00 per 1000 plants. Rooted cuttings, $15.00 per 1000. Splendid, clean stock.

A grand collection of exhibition sorts. All the best commercials. Write for our list.

E. G. HILL CO., Richmond, Ind.

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1909	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.30	Lobelia Speciosa	$0.10	$0.50
Balsam Alba Perfecta	.10	.75	Lobelia Crystal P. Comp.	.15	1 15
Cobaea Scandens, purple	.10	.30	Smilax	.05	.25
Dracaena Indivisa	.10	.25	Stocks Cut and Come Again.	.25	
Forget-Me-Not Victoria.	.10	.75	Stocks Ten Weeks', mxd	.25	
Mignonette Machet	.10	50	Stokesia Cyanea	.10	
Petunia, Calif. Giants	.25		Thunbergia	.10	.60
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00

For select strains of **VEGETABLE SEEDS,** Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our **Market Gardeners' Wholesale List,** mailed as soon as ready, upon request.

THE W. W. BARNARD CO., SEEDSMEN 108-110 W. Kinzie St., **Chicago**

HAPPY NEW YEAR

It **will** be a Happy, and **Prosperous** New Year for all those who buy their Cut Flowers of **us.**

Hoerber Bros.

Wholesale growers of

Cut Flowers

Store, 51 Wabash Ave., CHICAGO

Greenhouses, Des Plaines, Ill. L. D. Phone, Randolph 2758

Roses **Carnations**

Order Liberally—Prices Are Down

You will find we can supply everything in Cut Flowers in a way that will be satisfactory to you—quality, price, packing, promptness all right—all to your liking.

Carnations, Roses, Beauties, Violets Single Double
Valley, Lilies, Greens

All Stock in Season in Large Supply

We bill all stock at Chicago Market Rates.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 **CHICAGO**

ROSES

Price List

Beauties	Doz.	Beauties	Doz.
Extra long	$6 00	18-inch stem	$2.00
36 inch stem	5.00	15-inch stem	1.50
30-inch stem	4.00	12-inch stem	1.25
24-inch stem	3.00	Short stem	1.00
20-inch stem	2.50		

Richmond, Killarney, Chatenay, Field, My Maryland, Uncle John — $6.00 to $10.00 per 100

Bride, Maid, Ivory, Sunrise, Gate, Perle — $6.00 to $10.00 per 100

Roses, Our Selection ..... **$4.00 per 100**

	Per 100
Carnations	$3.00 to $ 4 00
Harrisii	15.00
Valley	4.00
Violets	1.50
Adiantum	1.00
Asparagus, per bunch,	$0.50
Ferns, per 1000,	2.00

Peter Reinberg, 35 Randolph Street, CHICAGO

PRICES ARE DOWN

FANCY CARNATIONS
BEAUTIES, ROSES, EASTER LILIES

Buy direct of the grower and get fresh stock

PRICE LIST

American Beauties	Per doz.	
36 inch and over	$5.00 to	$6.00
30 " " "		4.00
24 " " "		3 00
20 " " "		2.00
15 to 18 inch		1.50
8 to 12 inch	.50 to	1.00

Richmond, Killarney and White Killarney	Per 100	
Extra select	$10.00 to	$12.00
Good lengths		8.00
Medium lengths		6.00
Good short lengths		4.00

Maids, Brides and Perles		
Long and select	10.00 to	12.00
Medium	6.00 to	8.00
Good short	3.00 to	4.00

Carnations	Per 100	
Extra fancy Red Bassett	$5.00 to	$ 6.00
Extra fancy White Enchantress	4.00 to	5.00
Fancy Enchantress and Winsor	3.00 to	4.00

MISCELLANEOUS

Easter Lilies...per doz., $2.00 to $2.50		15.00
Lily of the Valley	3.00 to	4.00
Asparagus, per string	$0.60	
" Sprays	2.00 to	3.00
Sprengeri	2.00 to	3.00
Ferns, per 1000	$2.00	
Smilax, per doz	2.00	
Adiantum		1.00
Galax, Green, per 1000	$1.00	
" Bronze, "	1.00	

Prices in effect January 2nd, 1910.

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

Happy New Year

NINETEEN NINE has been the prosperous year for Florists and Florists' Supplies. We hope it has been with you, we know it has been with us.

Let us work together to make nineteen ten even more prosperous. How? By using all our thought and energy to advance our calling and by keeping the golden rule.

With every good wish for a Happy and Prosperous New Year, we remain,

Faithfully yours,

M. RICE & COMPANY

1220 Race St., PHILADELPHIA, PA.

Mention The Review when you write.

New Year Resolutions

Resolve—To use **better Ribbons** and **Chiffons.**

Our Resolution—To gratify your resolve.

Wertheimer Bros.

The National Floral Ribbon House

550 Broadway, NEW YORK CITY

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved **WREATHS, MOSS WREATHS** and **METALLIC DESIGNS.**

L. BAUMANN & CO.

359 W. Chicago Ave., CHICAGO

JOS. G. NEIDINGER

1513-15 Germantown Avenue, PHILADELPHIA

OUR SPECIALTIES:

Wax Flowers, Wax Flower Designs

WheatSheaves, Wicker Pot Covers, Plant Stands

Send for handsomely illustrated catalogue; can also be used as design book.

H. D. MANN CO.

Chiffons, Ribbons, Silk Cords, Violet Ties, Brass and Silver Fern Dishes and Jardinieres

A Full Line of Florists' Supplies

105 Canal St., SYRACUSE, N. Y

TO THOSE WHO HAVE PATRONIZED US

We express our gratitude for the share they individually contributed toward our prosperity in the past year.

To Those Who Have Not We entertain the same cordial feeling and look forward to a share of their future business.

To Both We hope their perseverance in the past year has met with the same amount of prosperity with which we have been favored in our striving to serve our trade the best we knew how.

LION & COMPANY

Mention The Review when you write.

THE RETAIL FLORIST.....

CHRISTMAS TRADE.

It could not be otherwise than that an extremely large volume of business would be done for Christmas, but the reports do not indicate anything of a record-breaking character in the middle west and west. It was better in the east. Pretty nearly everyone appeared to have all the business that could be handled, but in the end there proved to be enough stock to have supplied quite a bit more business, and the total of sales did not make the increase which had been expected. It was a good Christmas, without a doubt, and with a large number of individual establishments it was much better than any preceding, but, on the whole, the business probably did not greatly exceed that of last year in money value.

Many explanations are given for the failure to realize sanguine anticipations. There certainly were more flowers available for Christmas than in any other year. But this very abundance of material operated disadvantageously; it had not been foreseen and considerable stock failed to find the satisfactory sale it might have had if conditions had been a little more accurately gauged in advance. The season which turns the most money is the one in which demand is so close on the heels of supply that the odds and ends are sold, not the one in which stock is so plentiful that the special long, fancy, high-grade stock fails to realize its full value.

There are those who say that the retail business suffered because of too much prosperity in the country. These are the ones who found that the Christmas business in the hard-times years was surprisingly good. In those years it was explained that the people accustomed to spending large sums for Christmas, finding themselves pinched, instead of making hundred-dollar gifts of jewelry made five-dollar or ten-dollar gifts of flowers. This year the statement is that the free spenders again had the price of jewelry and neglected the florists.

Another explanation is that the public has now come to be well aware of the increase in the price of cut flowers at Christmas and prefers to buy its cut flowers at other times. In support of this argument, it is pointed out that the plant business is steadily increasing, and made another gain this year. One interesting point is that the retail florists are beginning to comment on the advances in prices which the plant growers have been making of late.

But the largest adverse factor in the Christmas business was the great storm which swept over the country last week. The storm was general, extending from the Rocky mountains to the Atlantic seaboard. Beginning in the southwest, it struck some important flower consuming cities two days in advance of Christmas. It passed over the Mississippi valley December 24 and 25, largely curtailing the business of the day before Christmas, usually the best retail day in all the year. And it cut off the Christmas morning buying almost altogether. In the extreme east the trade was fortunate in that the storm did not come until after the Christmas business had been done, on Christmas day and the day following, when many eastern cities had the heaviest December snowfall ever recorded. The best reports come from the east, from the cities that were not affected by the blizzard. Farther west the storm not only interfered with buying, but it added to the work of wrapping and delivery. It is said that the snowfall reduced the efficiency of a delivery outfit to one-third what it would have been in milder weather and without snow.

But, taking it by and large, the Christmas business should be considered generally satisfactory. If it made no new records for the trade at large, it certainly would have to be called good business, viewed from whatever point.



Basket of Foliage Plants.

GROWN-UP FERN DISHES.

In all the work of the retail florist there is nothing he is oftener called upon to do than to fill fern dishes for table use. The popularity of the fern dish suggested to one inventive retailer that he might be able to do business by filling larger receptacles for use somewhere else than on the dining-table. The result was that he took some twig baskets, fitted with tin pans, and filled them with small plants, principally ferns, but including small palms, cyrtomium, dracænas, pandanus and similar stock. Displaying three or four of these about the store, each one as different as possible from the others, he found they not only sold well, but, just like the fern dishes, the baskets came back in time to be refilled. Now this retail florist keeps these baskets before his customers — grown-up fern dishes, one of his customers called them —just as he keeps fern dishes on his counters.

DECORATING IN SMALL TOWNS.

Estimate of Cost.

No matter what the occasion may be, whether a new cafe is being opened, society is having some doings, or the belle of the village is to be married, you will always find that some florist has had his finger in the pie. Although the above-mentioned affairs call for entirely different kinds of floral work, we will now confine ourselves to the decorations for the home wedding of the prettiest lass in the village.

Years ago the florist in a small city had not the opportunity of knowing just what was wanted in the way of decoration for affairs of this kind, which are not a daily occurrence in the country, but with the advent of the trade paper and the convenience of getting into the nearest larger city on the interurban lines, our rural brother is far better informed.

First of all, what should we charge for

such work? We are asked to call at the home of Miss Soon-to-be-wed and give her folks some idea as to how much a simple decoration will cost. We find the marriage ceremony is to be performed in the parlor. The bridal party is not a large one, so from twelve to eighteen palms will be sufficient for a nice background. There is also a fireplace, which will not be used. This should be nicely filled with plants. There are no gas fixtures, but there is a stairway which needs a little trimming. In the dining room we suggest to the customer that some smilax on the sideboard would look well.

The table is an oval one, to seat eighteen guests. It is four feet wide and eight feet long. White roses are to be used on the table in the shape of a mound; also four small vases near the corners. Another suggestion is that a vase of white chrysanthemums be used on the piano and several bouquets of mixed flowers in other rooms.

Now let us make a rough estimate:

Bank of palms, from $5 to $7.50.
Fern plants in fireplace, $2 to $3.
Smilax and ribbon on stairway (about four smilax and four or five yards of chiffon), $2 to $3.
Three smilax on sideboard, 75 cents.
Centerpiece of white roses, using 12-inch plateau (oval), $3 to $4.
Two dozen roses for small vases, $2 to $2.50.
Vase of white mums, $2.50 to $3.50.
Two bouquets, $2.
Total, $19.25 to $25.75.
We will say from $20 to $28 for the whole decoration.

If you are a florist in a large city, where there is much competition, you may be told that some other florist has offered to do the work for less. The florist in a little town, having practically no competitors, has nothing like this to contend with.

Perhaps your customer will suggest some slight changes in your plans. She will also want some idea as to the cost of the bride's and bridesmaids' bouquets, so be prepared to give an estimate on these.

Arrangement of Plants.

The wedding takes place the following Thursday at 7:30 in the evening, which gives plenty of time to order what flowers you need from the nearest city that has a commission house. Still, do not put it off until the last minute. It would also be well to look over your stands and pot covers, for, not having been used for some time, they may need a little cleaning. A small decoration like the foregoing can easily be finished in one morning.

When you unload your plants at the house, first lay some newspapers on the floor where the plants are to stand temporarily, so as not to soil the carpet or floor. Arrange the palms first of all, so as to get them out of the way. In the group of palms you must avoid even lines at the top. Start with a few tall, slender plants, set high upon stands, gradually working down to the floor. Try different palms in different places in the group. Often a palm will not seem to fit a certain place, while one perhaps a little more bushy will look just right. Turning a plant around may also help you to place it to the best advantage. Every pot which shows in the group should be hid with a pot cover. These covers can be bought at the florists' supply houses, are inexpensive and will last for many years if given an occasional coat of paint.

When through placing the palms, arrange the plants in the fireplace. Being considerably larger than the fireplace in a city home, it will take four or five plants to fill it nicely. Place a tall, slender palm well back in the fireplace, in such a position that it will protrude at one corner of the opening, while its leaves spread out gracefully. Then fill in with the other plants, using a little variety if possible. This may sound easy, but often you will have to rearrange the plants several times before the desired effect is obtained. Crumpled up newspaper will help to keep the plants where you want them.

Use Smilax and Flowers.

You are now through with the plants and any remaining ones should be set to one side, out of the way. On the stairway we will hang some smilax, fastening it to the railing and allowing it to hang in natural loops. Where the ends are brought together a pretty bow of chiffon will look well.

The sideboard should be prettily festooned with smilax. If there are posts on each side, twine some green around these. You will find strong pins handy in fastening smilax or other greens. Where possible, the pins should be driven into cracks or where two pieces of wood meet, so as not to leave any marks when removed.

You are now through with the decorating and can arrange the flowers. If, to save a second trip, you brought the flowers with you, of course it is advisable to put the cut flowers in water upon arrival. The centerpiece should be put in a cool place until you are ready for it. Our centerpiece this time is in the form of a low mound of white roses. After putting it in place, arrange a few sprays of green (asparagus if you have it) around it. Then put six roses in each small vase, placing one of the vases on each corner of the table. You will have to use your judgment as to how far from the center they should be. See that the table looks well balanced. A little of the asparagus scattered over the table will not be amiss. Place the flowers in vases where they will be most effective, always keeping the colors of the decoration in mind, that these may not clash with the flowers.

Before leaving, see that you have cleaned up the worst of the dirt you have made and consult with the person from whom you received the order. Find out if all is satisfactory. H. S.



Wedding Decoration by Boatwright's Floral Co.

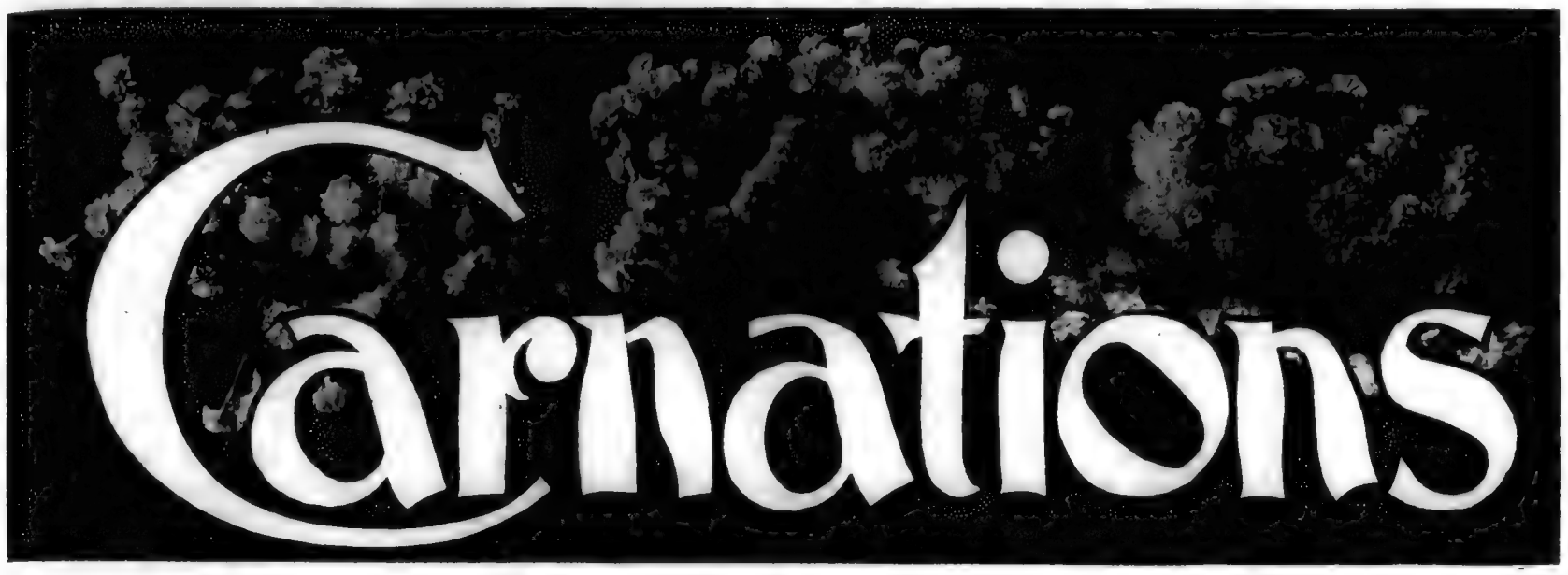
SOME CLASSIC DECORATIONS.

At a recent fashionable wedding, held in St. Paul's Episcopal church at Augusta, Ga., the decorations were designed and arranged by Boatwright's Floral Co., of North Augusta, S. C. The decorations were unusually chaste and elegant, and in excellent harmony with the classic interior of that fine old church. They are not shown to the best advantage, however, in the photograph here reproduced, but have a little of what the Boatwright decorator refers to as a "flat" appearance, though the plants were all specimens, comprising a seaforthia twelve feet high and dracænas of large size.

The railing was banked with variegated vinca and ivy in pots. Ferns were banked at the ends of the steps. The screen in front of the altar was of smilax and the bar that supported the bells was hung with the same material. Hundreds of candles, which are not distinctly shown in the picture, were used. Prize blooms of Silver Wedding mums were placed on the altar and in large vases. The bells were not only covered with pompon mums, but were also lined with them, and each clapper was a specimen mum.

The most flattering part of this order was that it was not accompanied by specific directions or suggestions, and the family or friends did not have a glimpse of the decorations until they arrived for the ceremony. Under such conditions, of course, the designers could do their best, for confidence is always a tonic and brace to an artist.

The Boatwrights have lately done a great deal of decorating for occasions that demanded a high grade of work. At the banquet recently tendered President Taft by the Chamber of Commerce of Augusta at Hampton Terrace hotel, the floral arrangement was designed and executed by the Boatwrights. This firm also furnished the exquisite decorations for the Chamber of Commerce when that organization banqueted the late Mr. Harriman at the Country Club in Summerville, the happy hunting ground, or rather golfing ground, of Taft and Rockefeller.



CARNATION NOTES.—EAST.

New Varieties.

The year 1910 promises to open with about the usual number of aspirants to commercial success in the carnation field, and it would seem, from the reputed parentage of these new introductions, that we have an excellent list to choose from. Much, however, depends on the manner in which new varieties are handled in their changed surroundings. This is fully as important, probably, as the treatment received at the hands of the introducer before and during dissemination. But the question at present is, what to purchase.

It might be said that one could not go far wrong with any in the list, and every grower would perhaps be pleased to include all new ones sent out each year, but this is not only impossible, but really impractical from a commercial point of view. It is impossible because the average grower cannot afford it at the price. That is, he is unable to purchase a larger quantity of each than would merely suffice to satisfy his curiosity, and when this has been accomplished he is still without sufficient stock from which to propagate in quantity, thus revealing the impractical side.

When and What to Buy.

It does not pay to grow too many varieties; the producer of cut flowers must be prepared to furnish blooms of a color and form in considerable quantity, which requires relatively large blocks of few varieties rather than a large assortment of kinds with a smaller proportion of each.

To my mind, the matter of what to purchase revolves on the question of what one needs, rather than what may be desired. Wide-awake growers cannot fail to perceive deterioration in a variety as soon as it begins; neither can the fact escape his notice when a variety's popularity begins to wane. Then we would say there was need of a purchase. It follows that it is not advisable to wait until the variety to be displaced is down and out, but start at once the building up of a stock of your own propagation. This will require at least 250 plants, if one wishes to avoid the disadvantages of being obliged to use everything that it is possible to root and the resultant evils of overpropagation.

Make Haste Slowly.

Without the least desire to criticise the introduction price of new varieties or the reliability of our worthy disseminators, it is my advice to the grower who feels unwarranted in purchasing 250 cuttings at from $75 to $100 per thousand, that he delay the matter for a year.

We should not lose sight of the fact that if a variety proves to possess real merit or superiority over others, these qualities are certain to be discovered. There need be no anxiety on the part of the disseminator as to the ultimate result of his venture. The grower can rest assured that all the revenue from a good sort cannot be gotten in one year, and he need not experience any guiltiness of conscience, as if he were necessarily behind the times.

The foregoing presents, of course, only the hard, practical business side of the matter and must not be taken in any sense as intended to discourage the purchase of new varieties. Rather let us hope that the holiday returns may provide the means. GEO. S. OSBORN.

POLLWORTH'S PERFECTION.

The C. C. Pollworth Co., Wilwaukee, has had an exceptionally successful season to date with its carnations. The accompanying illustration shows its house of White Perfection, photographed just before Christmas.

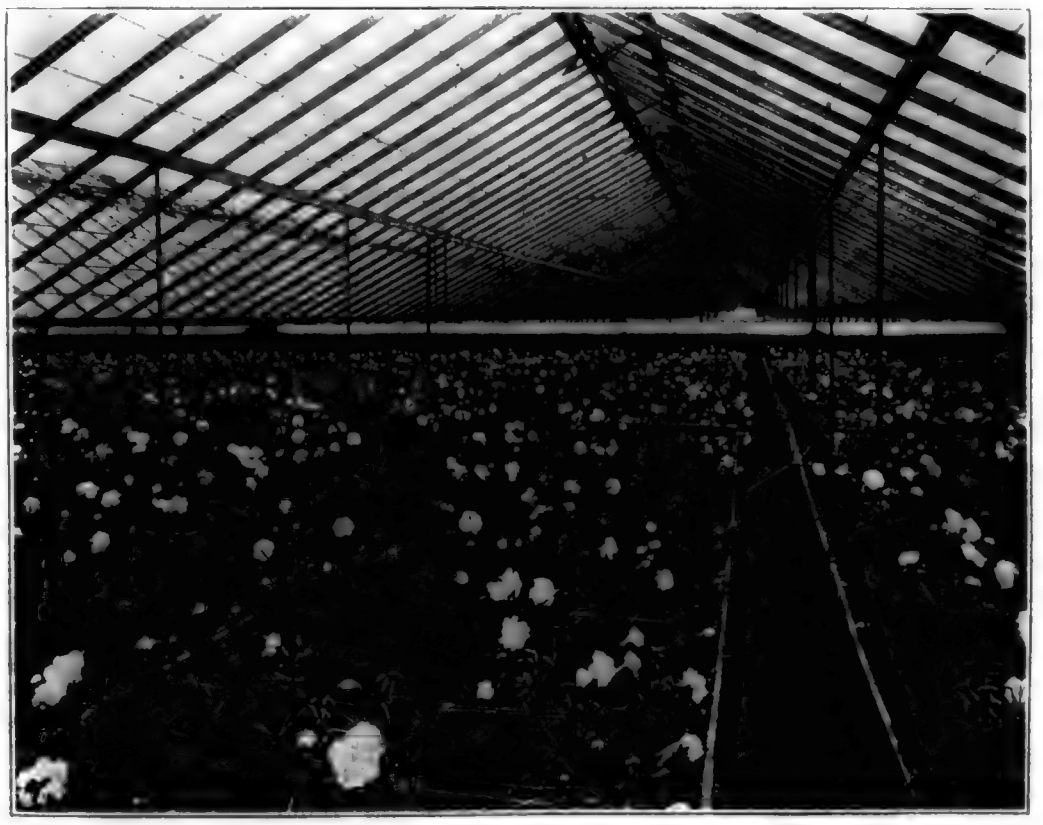
Another interesting feature of the picture, besides the crop of bloom, is the main flow pipe shown crossing the house. Two of these large flows run across the range, giving excellent control of the heat. The pipes are heavily covered with asbestos, so that there is little heat given off from them.

DOUBLE PETUNIAS FOR SPRING.

Will double petunias come double from seed and make good plants for spring trade if planted now? F. C. A.

Seeds of the double petunias are secured by hybridization, but only a small proportion of them can be depended upon to come double. If you have plants of good doubles, propagation by cuttings is the only way to perpetuate them. If you decide to purchase the best quality of so-called double seed, be sure when pricking off the seedlings to take special care of the smaller and weaker ones, as these are more likely to be double than the vigorous ones. If you start your petunia seed in January, you will have large, stocky plants for spring sales. C. W.

KANSAS CITY, MO.—The Alpha Floral Co., at Eleventh and Walnut streets, has purchased an elegant, full paneled delivery truck from the Kansas City Rapid Motor & Transportation Co.



White Perfection at Establishment of the C. C. Pollworth Co., Milwaukee.

Geraniums

GERANIUMS FOR SPRING.

What is the best method for growing geraniums so as to have them in bloom during the latter part of April until Memorial day? We are now shifting into 3½-inch to 4-inch pots. Is it best to pinch out all buds? If so, how late in the season? Is it all right to use any fertilizer? If so, what kind? Last year we used liquid cow manure and had fine, stocky geraniums, but shy bloomers during the season above mentioned.

A. O. N.

You are shifting your plants into 3½-inch and 4-inch pots somewhat early. At present the bulk of stock intended for spring sales is in 2½-inch to 3-inch pots, and the final potting into 4-inch pots I prefer to postpone until about the last part of February, or even later. From eight to ten weeks is sufficiently long for the plants to be in the larger size pots. Afford your plants a night temperature of 45 degrees, free ventilation and all possible sunshine. Use moderately heavy loam for the last potting. Cut out leaf-mold and substitute some old, well-rotted cow dung. This may form one-fifth to one-fourth of the whole. Also use a 3-inch pot of fine bone to each bushel of soil.

When the plants want some stimulating, the use of liquid manure will promote leaf growth, but not floriferousness. A top-dressing of a high grade chemical, such as Clay's fertilizer, or a little fine bone mixed with loam, promotes a harder growth and makes the plants flower more profusely. Avoid overwatering, as it makes the plants soft. Let them dry out well between the waterings. This tends to make the growths firmer. Pick off all flower buds until about a month or six weeks before you want your plants in bloom. Geraniums like a rather dry atmosphere and do not need syringing overhead for insect pests. Spread them out frequently so that they do not crowd. If left too close, the result will be moldy and yellow leaves and plants which are the reverse of stocky.

C. W.

GERANIUM FLOWERS FADING.

We are growing some geraniums, and as soon as the flowers open the edges begin to turn a kind of purple and it spoils them entirely. The trouble even begins on the buds showing color and all varieties look the same. Our house runs east and west, with 24-inch glass in sides. We have hot water heat and raised benches. We keep a night temperature of 52 to 55 degrees. We had the same trouble last spring. Can you tell us what the trouble is?

A. E. P.

Your house, temperature and other conditions would seem all right for growing good geraniums. For bedding stock wanted for spring sales the temperature should be 6 to 10 degrees lower, but if you are growing plants to flower now, 52 to 55 degrees at night will answer well, provided that you ventilate freely on every possible opportunity. The early fading out of the flowers we cannot understand. Have you been using sulphur freely on the pipes? This would bleach out the flowers in the way you speak of. We would advise running the house at least 5 degrees cooler. Air freely. Let the plants dry out well between waterings and, if any show signs of starvation at the roots, use some Clay's fertilizer or weak nitrate of soda water to tone them up.

C. W.

POLYGONUM BALDSCHUANICUM.

Noticing the article on Polygonum Baldschuanicum in the Review of December 16, and also the request for information regarding it, I would state that I have handled these vines commercially for several years, and they have given the best of satisfaction here in Colorado and in other western states.

I procured one of the first plants sent out by Henry A. Dreer and it is now an immense, fine plant. This plant is growing in a much exposed situation; in fact, it has no protection except the naked branches of the tree on which it climbs. Yet, in spite of the fact that our winters are quite trying, this plant has never been injured by winter freezing. It blooms freely throughout the summer, and I consider it as hardy as the common woodbine.

I regret much that it cannot be placed on the market at a lower figure. As I understand it, we are dependent upon Europe for our supply and it has not been successfully propagated by growers on this side, either from seed or cuttings. It would seem to me that the propagation of this vine would be well worth the attention of some of our growers who follow this line.

The plant seeds freely, and each spring I find a few seedlings under and around the large plant already referred to. These seedlings make fine plants, but there are only a few of them. Seeds, however, that I have gathered and sowed, both in the greenhouse and outside, have failed to germinate. Of course, this is a little out of my line. Yet I am wondering why I have failed. Can anyone explain?

W. W. Wilmore.

In the Review of December 16, page 39, a correspondent describes Polygonum Baldschuanicum, especially as seen in France by George C. Perkins, of Jackson & Perkins, on a recent visit to that country. The correspondent says that the plant is vigorous in growth and strikingly decorative. It may be in France, but not near Boston, Mass. I tried it for two successive years. It made but little growth during summer, although well protected, and it failed to live during winter. Perhaps it might do well farther south. I should like to hear about the experience of others with this plant.

J. H. Cook.

Chrysanthemums

MUMS FOR CHRISTMAS.

In the Review of December 9, page 20, H. J. H. inquires as to the best way of handling Nonin mums in order to have a good crop of them for Christmas.

We have excellent success with cuttings lifted from the sand the last week in July. They can be benched immediately, or, if the benches are not ready, they can be potted up for benching up to the last week in August. But, whether they are in pots or benches, they must be given good treatment and kept growing right along. Nonin is a heavy feeder, requires generous treatment and pays for it.

We find that six inches each way is ample room for single stems, and this spacing gives nearly twice as many flowers as eight inches each way. If you are short of stock and can plant by July 15, you can plant 8x8 inches and top the plants back so as to grow two or possibly three flowers to the plant, but single stems 6x6 inches will be better.

You can prolong the season of a bench of Nonins two or three weeks by rubbing off the first buds on the later plants and taking the later buds.

We are immensely pleased with J. Rosette for a Christmas crop. Planted in the same way as Nonin, it makes a graceful 6-inch to 7-inch flower, of deep Daybreak color. It is a good keeper and our customers like it.

W. J. Olds.

GOLDEN GLOW IN ENGLAND.

J. W. Cross, the big florist at Wisbech, England, who is a brother of Eli Cross, Grand Rapids, Mich., is this year featuring the American chrysanthemum, Golden Glow. He calls it "the money-maker for 1910," and says:

"This is easy to grow, and the bloom easy to sell; nothing in the market to detract from its value. It is evidently one of the best introductions for the commercial florist. A contemporary states: 'If it was grown largely this season, there is no question that at least three times as many will be grown next season. It is a chrysanthemum for everybody. It can be had in bloom at almost any time from spring till November, and the flowers are always good.' I have myself been cutting it during August, September and October and making excellent prices on the bloom. I can safely say that this has proved one of the best chrysanthemum investments I have ever made, and you will say the same after giving it a trial this next season. It is a splendid, rich yellow, a vigorous grower



Single Chrysanthemums at the Establishment of Alois Frey, Crown Point, Ind.

and continuous bloomer, as noted above—three months' continual cutting, and during this time it commands the highest prices on the market, because it is out of the ordinary midseason varieties and is unusually attractive, being such a large, bright yellow; a good feature also is its long stems and bloom of magnificent form. In fact, it is all that could be desired for the money-making of 1910."

CHRYSANTHEMUM GOLDEN GLOW

If Golden Glow mums are ready to pot at this date, what date will they bloom? I want them for pot plants. F. C. A.

Chrysanthemum Golden Glow can be cut from early in August until October. A batch of plants in the same bench will not, as a rule, come in at one time, as do the majority of mums. This uncertainty is making some growers go slowly on growing this useful early variety. We have not had much success with Golden Glow as a pot plant. If you grow it in bush form, it will probably be in good bloom about the middle of September. A few we tried this year flowered about September 20, but were not exactly a success. There are other early mums, such as Carrie, Louis Lemaire and Horace Martin, which make fine pot plants for use in late September and early October.

C. W.

TO FOLLOW MUMS.

Thousands of mums are grown at the Bakerstown establishment of the Pittsburg Cut Flower Co. Among the favored varieties are Ivory, Maud Dean, Robert Halliday, Mayor Weaver, Bonnaffon, Eaton, Helen Frick and Golden Wedding. Helen Frick from late propagation and planting was in its perfection December with stems short and stiff, foliage full from ground to neck, and blossoms finely finished. Nonin would be a splendid late were it not for its unhealthy foliage. Some anemones and singles also find favor. "Retail florists doing a select trade do not want the enormous exhibition flowers we often aim to give," said Mr. Burki; "they prefer superfine medium-sized ones."

Plants for stock are lifted from the benches and put thickly into flats and these set wherever room can be spared for them. Some of the benches vacated by chrysanthemums are now filled with Grand Rapids lettuces, and others are being prepared for propagating carnations, and to hold potted Manetti stocks.

FREY'S SINGLE MUMS.

At Crown Point, Ind., Alois Frey, formerly head gardener at Lincoln park, Chicago, is now conducting a commercial greenhouse establishment, featuring the specialties for which he gained a reputation while in charge of the Chicago park greenhouses. Primulas and cinerarias always have come in for a large share of Mr. Frey's attention, and for years he has given more or less time to the pompon and single chrysanthemums, being one of the first in this country to take up the small mums in a large way. Since locating at Crown Point, Mr. Frey has raised a large number of seedling single mums. With these he has been exceptionally successful, and last season he put on the market, through Elmer D. Smith & Co., and other chrysanthemum specialists, a set of twenty-two single varieties raised at Crown Point. These had previously been exhibited at the National Flower Show, where they won a silver cup. Mr. Frey has raised and tested hundreds of varieties. The accompanying illustration shows one end of his house of singles this season. Most of these really are singles, having but one or two rows of petals. The coloring runs through the entire range in the flower. Light shades predominate, white, Enchantress pink and cream, and Mr. Frey also has raised some excellent bronzes, while some of his reds are among the brightest known to the trade.

Mr. Frey has selected a number of sorts in addition to the twenty-two put on the market last year, which will be sent out next season.

SWEET PEAS AND SNAPDRAGONS

What is a good temperature for sweet peas and snapdragons at night, also during the day? My soil was mixed well with cow manure and old sod before filling in September. Do you think they should have feed later? What is best, cow manure top-dressing or bone meal, or something else? C. S. L.

For sweet peas when flowering, a night temperature of from 48 to 50 degrees is about right. Snapdragons will do well in a similar temperature, but can be grown 5 degrees cooler with excellent results, if so desired. The soil you have used could not be better. Neither of the plants named should require feeding in any form yet. If the sweet peas are in raised benches, they will require feeding earlier than if in solid beds. Cow manure, well decayed, makes a good article for top-dressing; loosen the soil before applying it. We would wait a month before using any. Fine bone and sheep manure also are good fertilizers. When used, fork over the soil lightly after applying it, before watering. Go slowly on feeding during midwinter. C. W.

PHILADELPHIA, PA.—Charles Henry Fox sent all his customers, and those from whom he purchases, an engraved, copperplate card bearing an embossed spray of holly, wishing a Merry Christmas and Happy New Year.

MOSCHOSMAS FOR MARKET.

Will you tell us just how to propagate, grow and handle moschosmas, and how to carry over the stock? Is it profitable to grow them, either as pot plants or for cut flowers? N.

Moschosmas are propagated readily from the old plants. When they are through flowering, the shoots, if any are left, can be trimmed back almost to the center stem and then the plants can be set under a bench or anywhere until early spring, when the eyes will begin to push out. Then the old plants can be taken up, repotted and watered and will in the course of a few weeks throw an abundance of young cuttings, which will root readily in the sand in conjunction with roses or almost any other kind of cuttings being propagated at that season. After they are rooted and potted they can be grown outside and lifted in the fall, or carried along in pots, as the grower may wish. The plant is of a more or less branching habit, and, if it is pinched once or twice in the early summer, will assume a graceful form.

As to whether it is a profitable plant to grow, I cannot say. Some florists who sell all their own stock have written me enthusiastic letters about this plant, but it seems to be generally established that a man growing plants for the wholesale market cannot handle this plant with profit, as the tiny flowers are inclined to drop off if they have to be shipped any long distance by express or are given rough treatment. I know florists who are using this in funeral work as a cut flower and like it very much.

It is one of the easiest plants to grow that I know of. Neither mildew nor insects bother it in the least degree. It should not receive too much water or the leaves are apt to drop, but outside of that there is no trouble whatever in handling it. The plant flowers naturally for Christmas and, were it red instead of white, would undoubtedly be largely grown. Chas. H. Totty.



BURKI'S NOTES ON VARIETIES.

At the greenhouses of the Pittsburg Cut Flower Co., at Bakerstown, Pa., they have tried almost every promising new rose placed on the market, and today they are down to the Killarneys, My Maryland and Richmond as main crops, a limited number of Bride and Bridesmaid and a bench of Beauty for stock purposes. Mr. Burki's opinion of the varieties is about as follows:

Killarney.—The best pink rose we have, and a special favorite with high-class retail florists. It is healthy, vigorous, prolific; every bloom has a stiff, erect stem, even the seconds, and they do not show any of the arching or drooping necks peculiar to Bride and Maid. He has benches of it, all sizes from four years—his original stock—to one-year plants, and all in fine condition.

White Killarney.—In every feature of habit, growth and blooming, except color, identical with the original Killarney. In summer the white has a pinkish tinge, but in winter this tint disappears altogether, and the flowers are perfectly white. The finest white forcing rose in existence.

My Maryland.—Is a fine rose, but it does not have the keeping qualities of Killarney. It makes all flowering wood, stiff and strong, and never takes mildew. Further, it is a capital summer rose.

Richmond.—Is a splendid rose, and by far the best of its color, but can sell only a limited number of them except at the holidays, and then could sell more than can be grown.

Brides and Bridesmaids.—They have several benches, but they declare these must go in favor of Killarneys. They do not give more than forty per cent of really good flowers; the seconds have drooping necks "and we can't sell seconds any more." The plants produce more poor, blind wood than do the Killarneys, and young plants raised from such inferior wood cannot give as good results as those from strong growths.

The Stott nozzle.—In hosing the roses I observed the spray was extremely fine, reaching under and over, to every part of the plant. The spray was from a Stott nozzle. "It is the best nozzle we ever had," Mr. Burki assured me, "but we can't buy it now; it isn't manufactured any more; we get ours made a-purpose for ourselves at the brass works in town here. You need a heavy pressure of water, however, to use it to advantage."

Wm. Falconer.

[A few weeks ago a reference to the Stott nozzle brought the Review a number of inquiries as to where it could be obtained. Several of the supply houses once listed it at $1 each, but it is not now offered; however, one grower reported having been able to procure the nozzle recently from Stumpp & Walter Co., New York, who had quite a stock on hand when the manufacture was discontinued, and who still have a few left. Any who can supply the Stott nozzle should let the trade know it.—Ed.]

Naperville, Ill.—Chas. Rohr is sending his customers a 1910 calendar with his portrait on it.

A NEW WAY TO TIE.

Joseph Volz & Son, the growers a Cincinnati, have been experimenting wi the various ways of tying up such cro as the chrysanthemum, considering th all the generally followed methods ha consumed a large amount of time whic might be employed to advantage in oth directions. As a result of their tria they have hit upon a plan which the say reduces the time required by at leas one-third. Their method, say with chrys anthemums or any similar plants, is t string one wire over each row of plants putting it high enough so that it will a all times be well up toward the top of the plants. On this wire they hang little hooks of their own invention, putting a hook above each plant. The hook is shaped like the letter S, except that the top loop is bent down so that it just slips over the wire easily, the lower loop being bent up until it is almost closed throughout its length, with a tight squeeze at the extreme end. Then a string or thread of any character is cut in pieces which will reach from the plants to the hook. A loop is tied about the plant and the free end is then passed over the hook attached to the wire. The lower loop, being so nearly closed, grasps the thread when it is pulled down into the loop and holds it firmly. As the grower passes along later and finds the plant again needs bringing up to the perpendicular, all he has to do is to slip the string out of the loop, draw it up until he has the plant where he wants it, and then draw the string down into the loop again, where it sticks firmly until lifted once more. Quite a number of growers who have visited the Volz establishment will try this device next season.

CONCRETE GREENHOUSE POSTS

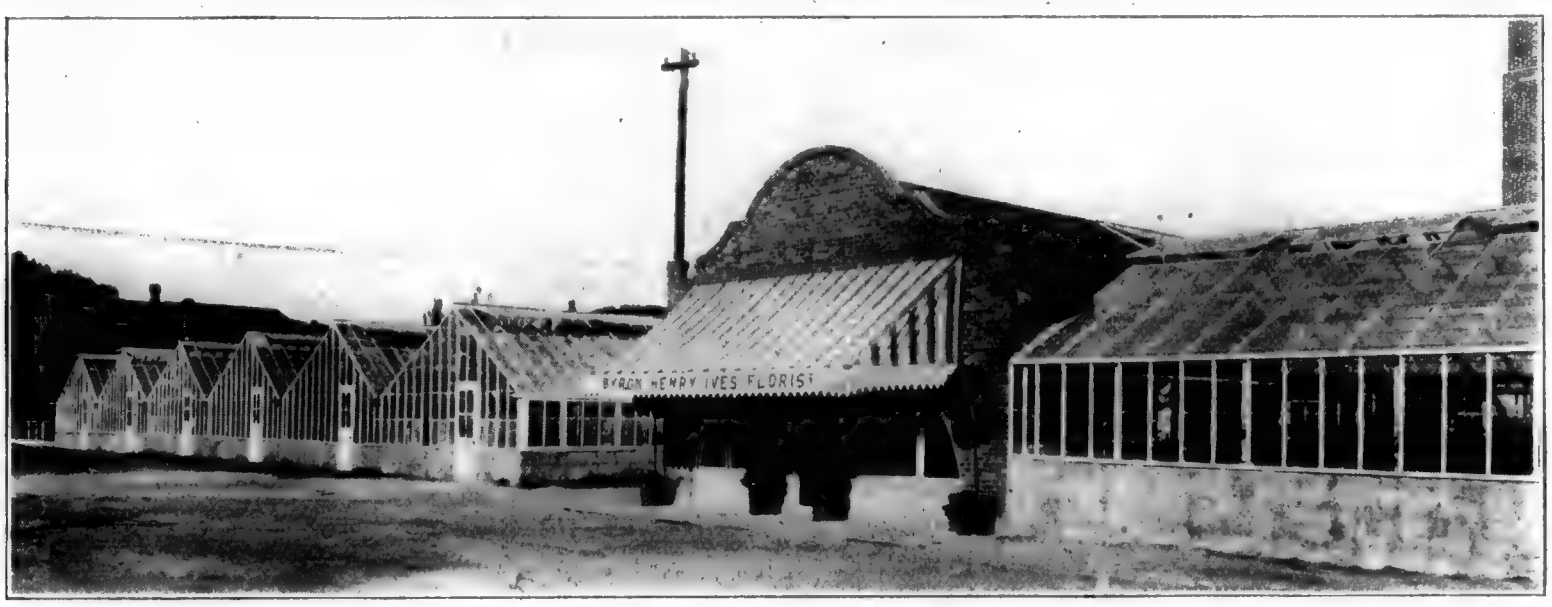
Please let me know what proportions of soft coal ashes, sawdust and Atlas cement to use for posts for a greenhouse, so that I can drive nails in them. I bought posts for my greenhouses five or six years ago, but they are now no more, and I thought I would make some myself, as I wish to build another house, 28x100, in the spring. C. B. W.

The proportions for concrete posts soft enough to hold nails are: Ashes, three parts; sawdust, two and one-half parts; cement, one part. In order to make sure, it is safer to experiment by making a small block as a test and, if unsatisfactory, to add to or subtract from these proportions until the proper condition is attained. Ribes.

ILLINOIS STATE ASSOCIATION.

The advisory committee of the Illino State Florists' Association met at th University of Illinois, Champaign, D cember 27, to make arrangements f the state convention to be held there February. The members of the com mittee are: President, C. E. Gullett, Lincoln; vice-president, George Frank of Champaign; J. C. Vaughan, Chicag W. N. Rudd, Morgan Park; F. L. Wash burn, Bloomington; J. F. Ammann, Ed wardsville.

In addition to the regular progra there will be a banquet in Champaign and a trade's display, probably at th university. This exhibition is always a great attraction wherever the conven tion is held, and promises to be better than ever this year.



Establishment of Byron H. Ives, at Albuquerque, N. M.

AN ALBUQUERQUE RANGE.

Part of the greenhouse range of Byron Henry Ives, at Albuquerque, N. M., is here illustrated. The picture at once conveys the impression that the place is neat, orderly, compact and substantial, and the facts are such as to confirm the impression.

The store, work-room and boiler-room are new, and are built of brick, including the smokestack, which is fifty feet high. Two carnation houses, two rose houses, a show house and conservatory have also been added recently. A new boiler has been installed, and the heating system has been changed from hot water to steam. The entire range contains about 30,000 square feet of glass. The greenhouse walls are made of concrete, and there are concrete floors in the store, work-room, etc. Moninger material was used, with Garland gutters and truss construction. The bench legs are cement and the benches themselves are pecky cypress.

The water supply is also provided for in the same thorough way. There is a new 6-inch drilled well, with a two-step centrifugal pump, connected directly to a five horse-power, three-phase electric motor. The tank has a capacity of 2,000 gallons, is made of galvanized steel and stands on a 60-foot galvanized iron tower.

Ferns

DISEASED BOSTONS.

We are sending you another specimen of diseased Boston ferns, in addition to those which we sent you for examination a few weeks ago. These ferns are grown in a house covered with corrugated glass. It has been used as a fern house for years and has always produced the best of stock, under the care of the same grower. Hot water is used for heating, and the temperature is from 50 to 60 degrees. The ferns have not been frozen, but had commenced to act this way before cold weather set in. The water that is used for spraying is from a deep well and contains mineral substances. Other plants, however, are not affected, though sprayed with the same water. It is good drinking water and has no bad taste. These ferns have received two light dustings of tobacco dust. There are no gas mains or sewers connected with the house in any way. Any information will be thankfully received. C. S.

The second specimen received from C. S. shows similar injuries to those noted on the plant forwarded some weeks ago, and, as suggested at that time, these injuries are local in character and such as may be caused by dipping or spraying with some injurious liquid, or by some form of fumigation.

If the hot water pipes have not been painted and none of the woodwork of the house has been treated with any wood preservative, then I should be inclined to attribute the trouble to the spraying with water from a mineral spring, or rather to the fact that the water used was impregnated with some substance injurious to vegetation. I would suggest that sufficient rain water be collected to water the affected plants for a time, noting whether any improvement in growth is shown by this treatment. W. H. T.

BROWN SCALE ON FERNS.

Enclosed you will find a fern which is infested with lice. What would you advise me to do with the plants, as the pest seems to be killing them?

M. M. H.

The ferns in question are thoroughly infested with the common brown scale, and if allowed to continue in such a condition they will have a hard job to make any headway.

The best plan would be to cut off and burn the worst fronds and then to dip the plants in a solution of Rose Leaf Extract of tobacco, used in the proportion of one part of the extract to fifty parts of water, and to repeat the dip in a week or ten days. This solution may injure the tender tips of the fern fronds to some extent, but the injury would be much less than that done by the insects.

W. H. T.

RED SPIDER ON ARAUCARIAS.

Enclosed you will find a cutting of one of our araucarias. Something seems to be the matter. Can you tell us what it is and a preventive? We are using Bordeaux and kerosene emulsion, thinking the trouble may be rust or brown scale. M. & J.

The araucaria in question is being rapidly spoiled by an attack of red spider. An outbreak of this kind on araucarias is usually brought about by keeping the plants too dry and too warm. These pines grow best in a moist atmosphere, and a night temperature of 50 degrees at this season of the year is high enough for them. Thorough syringing with a good pressure of clear water is the best remedy, and this should be persisted in on every bright day.

W. H. T.

TROUBLES OF THE BOSS.

A REVIEW friend has sent the following:

Consider the troubles of the Boss. Don't envy him—pity him. He pays his bills—when he can. He pays your bills every Saturday. Your days are —— hours of work. His days are twenty-four hours of worry. He takes a good deal of cursing that by rights belongs to you. Don't imagine that there's nothing doing in his head because he looks so calm and unruffled; he works while you sleep.

Just remember these things when you envy him, when you long for his days of ease, and comfort, and luxury; when you wish you had his job.

If you had his job—you wouldn't have it. You would have a nightmare all day and all night, and when you saw the payroll Saturday night you would long for a lodge in some vast wilderness.

No! Don't try to work him—work for him. When you work for him you are working for yourself.

Pull off the blinders—keep to the right and forge ahead.

YOUR paper certainly sells the stuff.—G. E. FINK. Roselle, N. J.

SEASONABLE SUGGESTIONS

Hybrid Perpetual Roses.

Hybrid perpetual rose plants which were potted in late fall and which are still standing outdoors, but with the pots well protected, should now be housed and started in a temperature of 40 degrees at night if they are wanted for Easter. It is not necessary to prune them at once. A wait of a few days will show more distinctly where the dormant eyes are. It is better to prune down pretty closely; snipping off the tops results in an early crop of short-stemmed flowers. Hard pruning causes the plants to break strongly. The demand for this class of roses is not what it was nor what it should be. The rambler types have, unfortunately, filled the stage so completely that little thought has been given to the many beautiful hybrid perpetuals.

Spray the plants occasionally until they break, then let them have 5 degrees more heat. They do not require or relish hard forcing at any time and it is better to flower them in a night temperature of 50 degrees rather than a higher one, as the flowers then have more substance and are of much better color.

Cyclamens.

Christmas trade will probably have disposed of a large proportion of the cyclamens. There is always a fair call for them later in the season, and any plants left unsold should be given a bench in a rather cool house; 45 degrees at night is quite warm enough. Grown thus, they will be much stockier than when kept warmer. The young plants for flowering next winter must never be neglected. They should now be establishing themselves in small pots. Or, if they are grown in flats, which is an excellent way to grow them in the early stages, they should be transferred to 3-inch pots before they become too crowded. Scratch over the surface soil from time to time and keep them warmer than suggested for the older plants; 52 to 55 degrees at night will suit them nicely.

Astilbes.

The astilbes, or spiræas as they are still usually called, which came to hand a few weeks ago, should now be potted. It is a little early to start plants for Easter flowering, but the clumps will speedily push numerous roots into the pots, and we have always found that these early potted clumps gave the best results. Stand the pots under a stage in a cool greenhouse if you are short of space in shed and cellar for them. As a rule, eight weeks in an average night temperature of 60 degrees will flower these spiræas, all but Queen Alexandra. This latter kind must be started right away if desired at Easter.

Tulips.

While a few La Reine and Duc van Thol tulips appeared for Christmas, 1909, the stems were short, as usual. After Christmas such varieties as La Reine, Cottage Maid, Keizerskroon, Vermilion Brilliant and Proserpine may be started with every prospect of success. Let them have a warm house—70 degrees at night and 85 degrees during the middle of the day. Keep the pans or flats well darkened until the shoots of hyacinths, tulips and narcissi are several inches long, then inure to stronger light. Unlike lily of the valley, tulips are far better without bottom heat. The soil must be kept moist. When the growth of the bulbs is well started, apply liquid cow manure once a week. The tulips are much more likely to be short-stemmed, if not started warm and dark, than the narcissi. The latter can be placed below or along the sides of benches, where they will come along nicely.

Marguerites.

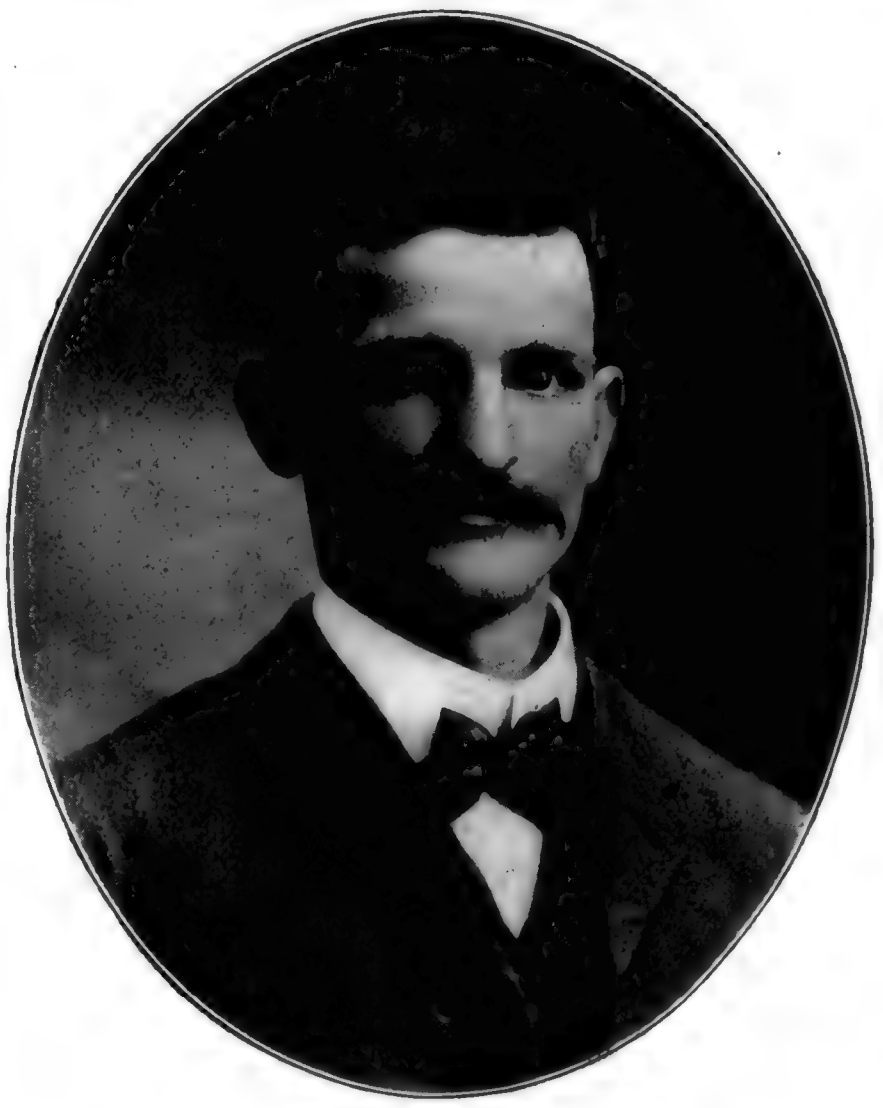
Old marguerite plants, which were carried over summer in pots, will now be blooming freely, and at this time, when flowers are at their scarcest, they prove acceptable. Let the pots stand over a bench from which some crop, such as mums, has been cut. They will speedily root through and show increased vigor. If planted directly into the bench, they are liable to make too much growth at the expense of flowers. Keep plants intended for Easter flowering potted and spread out. Discontinue pinching after this time, or you will make them too late. Marguerites are gross feeders and can hardly be overwatered. Liquid and chemical food, alternated, once a week will keep them vigorous.

Dahlias.

If there will be any bed or bench which has sufficient head-room and you care to try the experiment of growing dahlias for spring flowering, you should now start some of the tubers in a temperature of 60 to 65 degrees. Dampen them but little, or they are liable to decay. When started into growth divide the stools, leaving one strong shoot to a plant. These can be planted in rows twenty-four inches apart, allowing eighteen inches between the plants. An average night temperature of 50 degrees is about right. The cactus, decorative and single dahlias are better for forcing than the shows, fancies and pompons. The former types also sell better as cut flowers.

Azaleas.

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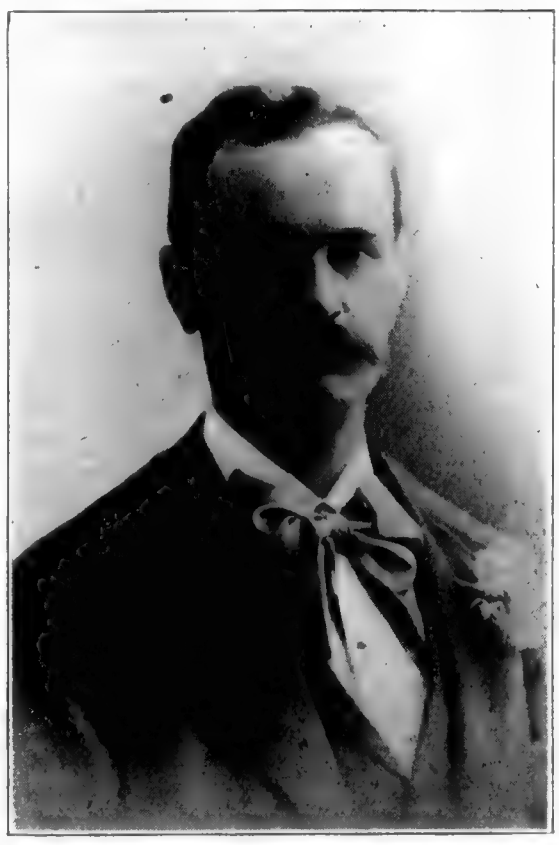
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While speaking of propagating, the present time, when the days are short and the heating pipes constantly warm, is an excellent one for putting in batches of coleus, heliotropes, crotons, dracænas and any other ornamental leaved plants. While the sand is constantly warm and kept well moistened the chances of losses are small.

Gloxinias.

A batch of gloxinias can easily be had in flower for Memorial day, at which time the blooms prove extremely serviceable for bouquet work. Start some of the dormant tubers about January 1. You will note that many of them are already starting to grow. Do not pot at once, but place in flats of sand and leaf-mold. Water with moderation, or you will rot every tuber. A temperature of 60 to 65 degrees, with a moist atmosphere, is suitable for starting the gloxinias. As soon as the growth has fairly started and before the roots have time to become matted, pot off the tubers, using 6-inch pots for the strongest and 5-inch pots for smaller ones. For compost a mixture of two-thirds loam and one-sixth each of decayed cow manure, well broken up, and leaf-mold, with some sand and fine charcoal added, will be found suitable. A light, moderately rich and rather porous soil grows the best gloxinias.

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If the stock of Rex begonias is rather low, now is one of the best times of the year to propagate them. They are easily increased by simply cutting up the old leaves in pieces, using the thicker portions of the leaves and discarding the thinnest portion near the edges. Pieces of leaf an inch square, inserted upright or laid flat and sprinkled with sand, will root easily. Even a propagating bed is not necessary for raising a fresh stock of Rex begonias. Flats of fine moss and sand, on which leaf divisions are laid, if placed under the bench of a warm house will give an abundance of young plants in a few weeks.

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SEASONABLE SUGGESTIONS

Hybrid Perpetual Roses.

Hybrid perpetual rose plants which were potted in late fall and which are still standing outdoors, but with the pots well protected, should now be housed and started in a temperature of 40 degrees at night if they are wanted for Easter. It is not necessary to prune them at once. A wait of a few days will show more distinctly where the dormant eyes are. It is better to prune down pretty closely; snipping off the tops results in an early crop of short-stemmed flowers. Hard pruning causes the plants to break strongly. The demand for this class of roses is not what it was nor what it should be. The rambler types have, unfortunately, filled the stage so completely that little thought has been given to the many beautiful hybrid perpetuals.

Spray the plants occasionally until they break, then let them have 5 degrees more heat. They do not require or relish hard forcing at any time and it is better to flower them in a night temperature of 50 degrees rather than a higher one, as the flowers then have more substance and are of much better color.

Cyclamens.

Christmas trade will probably have disposed of a large proportion of the cyclamens. There is always a fair call for them later in the season, and any plants left unsold should be given a bench in a rather cool house; 45 degrees at night is quite warm enough. Grown thus, they will be much stockier than when kept warmer. The young plants for flowering next winter must never be neglected. They should now be establishing themselves in small pots. Or, if they are grown in flats, which is an excellent way to grow them in the early stages, they should be transferred to 3-inch pots before they become too crowded. Scratch over the surface soil from time to time and keep them warmer than suggested for the older plants; 52 to 55 degrees at night will suit them nicely.

Astilbes.

The astilbes, or spiræas as they are still usually called, which came to hand a few weeks ago, should now be potted. It is a little early to start plants for Easter flowering, but the clumps will speedily push numerous roots into the pots, and we have always found that these early potted clumps gave the best results. Stand the pots under a stage in a cool greenhouse if you are short of space in shed and cellar for them. As a rule, eight weeks in an average night temperature of 60 degrees will flower these spiræas, all but Queen Alexandra. This latter kind must be started right away if desired at Easter.

Tulips.

While a few La Reine and Due van Thol tulips appeared for Christmas, 1909, the stems were short, as usual. After Christmas such varieties as La Reine, Cottage Maid, Keizerskroon, Vermilion Brilliant and Proserpine may be started with every prospect of success. Let them have a warm house—70 degrees at night and 85 degrees during the middle of the day. Keep the pans or flats well darkened until the shoots of hyacinths, tulips and narcissi are several inches long, then inure to stronger light. Unlike lily of the valley, tulips are far better without bottom heat. The soil must be kept moist. When the growth of the bulbs is well started, apply liquid cow manure once a week. The tulips are much more likely to be short-stemmed, if not started warm and dark, than the narcissi. The latter can be placed below or along the sides of benches, where they will come along nicely.

Marguerites.

Old marguerite plants, which were carried over summer in pots, will now be blooming freely, and at this time, when flowers are at their scarcest, they prove acceptable. Let the pots stand over a bench from which some crop, such as mums, has been cut. They will speedily root through and show increased vigor. If planted directly into the bench, they are liable to make too much growth at the expense of flowers. Keep plants intended for Easter flowering potted and spread out. Discontinue pinching after this time, or you will make them too late. Marguerites are gross feeders and can hardly be overwatered. Liquid and chemical food, alternated, once a week will keep them vigorous.

Dahlias.

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C. C. POLLWORTH.

HERE'S HOMELIKE HOUSING.

Time after time the business ends of florists' establishments are illustrated, so just for variety here are a couple of pictures that show what all the glass and the pother about growing and selling are for. Of course these are only the nests—the birds are inside. It isn't wholly for the love of flowers that most florists labor; it's for love of home. There must be something wrong in the make-up of the man who doesn't cherish his home above all things save its occupants—many a man has sacrificed honor for home—and want to spend as much time there as he can. The better the home, the more cheerful its surroundings, the brighter life will be. Homes and flowers go together. Every florist ought to run his greenhouses as a means to an end—the homelike, comfortable, bright and happy home—and not make the home simply a place to go to after all the other places have shut up.



Home of Wm. H. Siebrecht, Chappaqua, N. Y.

BOSTON.

The Market.

It would hardly have been possible to manufacture any better weather than we were favored with during Christmas week. Skies were practically cloudless and, while the temperature was moderately low, necessitating careful wrapping up of all plants, everyone could do his trading in comfort, there being no snow, slush or mire to contend with. On the contrary, dust was flying on roads in both city and country.

It is not surprising, considering the favorable climatic conditions, that Christmas trade was good. It is something of a hackneyed phrase to say that all records were broken, but the volume of trade was undoubtedly heavier than ever before, and while higher prices have been realized on some flowers in preceding years, the average prices were good.

Every year the plant trade cuts more and more of a figure at Christmas. Nothing new was seen, but the old favorites sold well. Azaleas were, as usual, the leaders, Apollo, Firefly, Mme. Petrick and Deutsche Perle being mostly in evidence. Large quantities of Lorraine begonias were sold, and these were never of finer quality. Some purchasers fight shy of them, claiming that they drop too soon when placed in a warm room. Cyclamens were seen in quantity, but did not sell as well as could be wished. Primulas had quite a good sale. Poinsettias in pans were in big demand. Erica melanthera, ardisias, Otaheite oranges, hollies, Skimmia Japonica, berried solanums, Christmas peppers, bougainvilleas, Cypripedium insigne and valley in pans were among the other plants sold. There was also considerable call for pans of made-up foliage plants, fern dishes, Boston ferns and palms of medium size.

There was a good supply of roses of all kinds, but they sold out well. Beauties made $12 per dozen for the best, other grades making all the way from $2 to $9 per dozen. There were some remarkably fine Richmond, the finest making $6 per dozen; others went at $2 to $4 per dozen. Killarney was also fine, selling from $1 to $4 per dozen. Bride and Bridesmaid, as usual, hung fire and did not move so well as the Killarneys. Some nice My Maryland, Chatenay, Safrano and other varieties were seen, but only in moderate sized lots.

Carnations were quite plentiful, but cleared out well. The top price for fancies was $10 to $12 per hundred on such varieties as Bay State, Beacon, Victory, Octoroon, Ruby and Fenn. Such varieties as Pink Delight, Enchantress, May Day, Winsor, Rose-pink Enchantress and Winona brought $6 to $8, while whites varied from $3 to $6, the lower prices being for Queen. Violets were forthcoming in immense quantities; the prevailing rates were $1 to $1.50 per hundred, singles taking the best prices, as usual. Sweet peas made $1 to $2 per hundred; valley, $3 to $5; lilies and callas, $12 per hundred. Roman hyacinths, Paper White narcissi and stevia were plentiful at ordinary prices. There were small lots of yellow narcissi, tulips and freesias, the finest of the last named making $6 to $8 per hundred. Mignonette made $2 to $3 and pansies $1 to $1.50 per hundred. Some nice Euphorbia jacquiniæflora and scarlet bouvardia sold well. Poinsettias had a good call at from $2 to $6 per dozen bracts. Chrysanthemums made their final bow, some nice flowers selling at $3 to $5 per dozen. Gardenias sold at $4 to $5 per dozen. Cattleyas were in strong request. Percivaliana made $4 to $5 and Trianæ $6 to $9 per dozen. Cypripedium insigne was in good supply at $8 to $10 per hundred. There was an excellent sale for adiantum and asparagus, without much change in prices.

Tne business in greens of all kinds was tremendous, far surpassing previous years' records. Holly sold splendidly, as did mistletoe, while the call for boxwood and laurel wreathing was never greater.

Taking everything into consideration, Christmas trade was the largest in volume and best all around ever recorded in Boston, although prices did not average quite so high as in some previous years. The retailers were greatly favored by the clear weather and did a first-class business. The cold weather necessitated heavy wrapping, but it was fortunate that the heavy snow storm, which struck us Christmas night, came after business was completed.

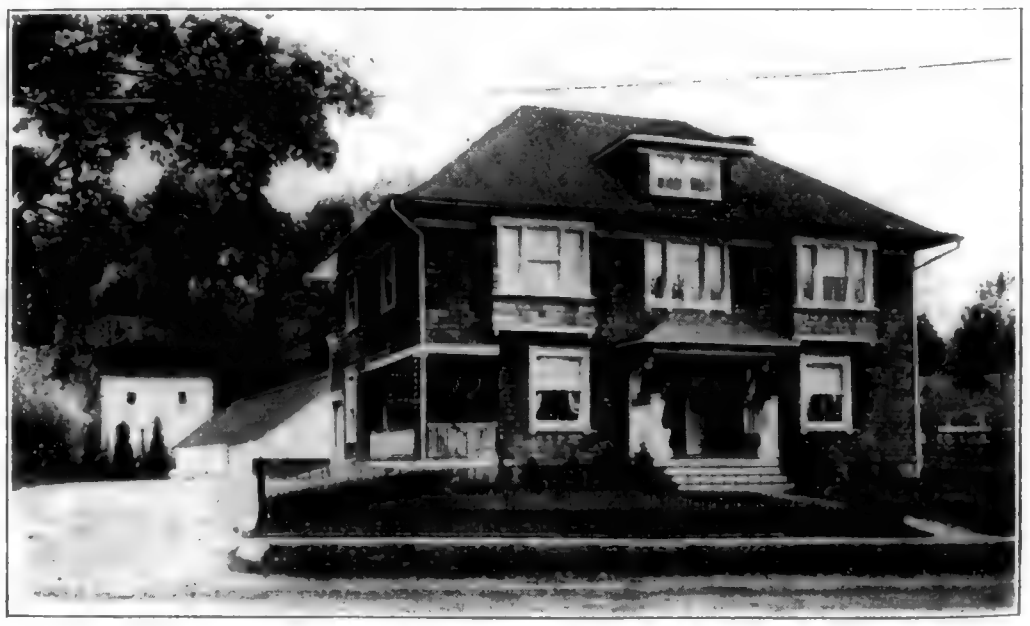
December 27 saw a moderate supply of flowers in the market. Many arrivals were late, owing to snow blockades. Demand was not heavy, but prices held up well all around. With a continuation of the present weather there will be a sharp curtailment in production, and prices will probably rule high for at least a few days.

Various Notes.

Mann Bros. had a lot of remarkably fine bulbous flowers in for the Christmas trade, including both tulips and yellow narcissi. They also had a heavy pot plant trade.

The calanthes shown at the last meeting of the Gardeners' and Florists' Club by Duncan Finlayson were remarkably fine. In addition to C. Veitchii there were Sandhurstiana, Cornelius Vanderbilt, vestita rubro-oculata, albo-oculata and luteo-oculata. Mr. Finlayson grows four bulbs in an 8-inch pan, uses dry cow manure freely and feeds heavily.

William H. Elliott had a grand cut of



Home of Joseph A. Manda, West Orange, N. J.

200 REPLIES WITHIN 10 DAYS

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AUTOMATIC
ELECTRO THERMOSTATS
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National Clock and Electric Manufacturing Company

MANUFACTURERS OF
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ELECTRIC SECONDARY CLOCKS
ELECTRIC SYSTEM CLOCKS

HIGHEST AWARD UNIVERSAL EXPOSITION
ST. LOUIS, 1904

ST. LOUIS, U. S. A., December 21, 1909.

Florists' Review,
334 Dearborn St.,
Chicago, Ill.

Gentlemen:-

Relative to the results we are receiving from our advertisement in the Review, it gives us pleasure to state these have been most satisfactory. The advertisement had its first insertion December 9, and over 200 inquiries, for literature, etc., on our Thermostatic Instruments for Greenhouses, have already come to us, from Florists located in 31 states in the Union.

The result was, indeed, an agreeable surprise to us, as we would have been satisfied with receiving half this number of inquiries.

Yours very truly,

NATIONAL CLOCK & ELECTRIC MFG. CO.

J. G. Beckmann

Prest. & Gen'l Manager.

Killarney, White Killarney, Richmond and other roses for the holidays, also some of the old favorites, like Safrano and Isabella Sprunt.

Henry M. Robinson & Co. had for their fourth Christmas at 15 Province street the heaviest trade on record, not only in cut flowers but holly, laurel wreathing and other greenery.

J. Newman & Sons had attractive Christmas windows. Their azaleas were specially fine, also poinsettias, while in cut flowers they showed practically everything in season.

There is already considerable talk of the carnation convention at Pittsburg, and prospects are excellent for a good Boston delegation. The annual banquet of the Gardeners' and Florists' Club, January 27, is always attended by the leading local carnationists, and their absence next month at Pittsburg will be regretted.

William Sim had, as usual, the biggest lot of single violets of any local grower, and probably his pick was double that of any other single violet grower in the country. In addition to Princess of Wales, he had fine Boston, Kaiser Wilhelm and Baron N. E. Rothschild.

The exhibition of 700 splendid photographs of plants, animals and scenery in western and northern China by the Arnold Arboretum is attracting many visitors to Horticultural hall. The photographs are the work of E. H. Wilson, the noted and intrepid plant collector, who will also deliver a stereopticon lecture before the Gardeners' and Florists' Club, January 18.

Welch Bros. had the heaviest Christmas trade on record. Their shipments of roses, including superb Beauties, carnations and other flowers, were immense. They also had a fine pot plant trade, while in holly, wreathing and other greenery their output was far ahead of all previous years.

J. T. Butterworth struck the market right with a fine lot of Cypripedium insigne and Cattleya Trianæ. He has one or two good pure whites among the latter.

Sidney Hoffman's big show windows on Massachusetts avenue never looked better than for Christmas. Grandly berried hollies in tubs, ardisias in quantity, splendid azaleas and specimen colored dracænas were noteworthy.

The snow storm, which reached here Christmas night and raged all the following day, was the most severe experienced for some years. Aside from the disorganization of traffic, the results were quite serious on trees and shrubs, many of which were badly broken or entirely ruined by the weight of heavy, set snow. Outside of broken glass, we have not heard of any serious damage to local growers.

The annual meeting of the Massachusetts Horticultural Society occurs January 1, when the annual address of the president and reports of the chairmen of the several committees will be held.

A. Roper had an extra fine lot of Bay State carnations for Christmas. These realized top prices, as did flowers of his new scarlet seedling, William Penn.

W. N. CRAIG.

WASHINGTON, IA.—Joseph Melinsky has bought out the Keck Floral Co. and plans to enlarge the wholesale end of the business.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following day, and earlier will be better.

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This paper is a member of the Chicago Trade Press Association.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress March 4, '01

Officers for 1909: President, J. A. Valentine, Denver, Colo.; vice-president, E. G. Gillett, Cincinnati, O.; secretary, Willis N. Rudd, Morgan Park, Ill.; treasurer, H. B. Beatty, Pittsburg.

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
The Review brings results.

The U. S. Department of Agriculture has issued a second revise of its bulletin on the use of hydrocyanic acid gas for fumigating greenhouses.

The Chambre Syndicale des Horticulteurs Belges has been in existence since 1880, has a body of 500 trade members, and has been of immense benefit to the trade generally.

Not a few subscribers save themselves the bother of annual renewal by sending the Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

TAX ON GROWING STOCK.

The Massachusetts state tax commissioner, William D. T. Trefry, has given an opinion that the growing stock of florists is a proper subject of taxation, which hits the trade in almost every city and town of size throughout the commonwealth, as there are few instances where assessments have been levied upon the growing plants by city and town assessors.

Commissioner Trefry's supervisors have been visiting many places and held conferences with local boards over the subject, as a result of which a concerted movement is about to be inaugurated throughout the state by which florists are to be assessed upon their growing stock, the same as manufacturing concerns and shopkeepers. The local assessors say they have the support of the state tax commissioner in the movement they are about to take and can see no reason why the florists should not be assessed in accordance with the value of the stock carried.

A test case will be instituted by the trade if the threatened assessments are made, as reported in the Review of December 23.

OBITUARY.

James T. McKevitt.

James T. McKevitt, of Bristol, R. I., who for several years has been a considerable raiser of greenhouse vegetables and some flowers, exclusively for the Fall River, Mass., markets, was the victim of a most peculiar accident recently. He was having a playful struggle with his daughter for the possession of an umbrella. In the mock battle the point of the umbrella penetrated one of his eyes and hemorrhage of the brain followed, causing death. The accident occurred at his home in Bristol, and he was removed to the Rhode Island hospital, in Providence, where he died. He was 54 years of age and had been in business in the suburbs of Fall River for a number of years, but sold out his holdings about six years ago on account of ill health and removed to Bristol. About a year ago he reëntered the business and was beginning to develop his old line of trade.

George Serviss.

Death came to George H. Serviss, at Batavia, Ill., December 23, following an illness of many months, at his home at 75 Harrison street. The deceased had lived in Batavia for twenty-five years, and had conducted a greenhouse establishment for a long period of time. He leaves a widow and two children.

THE PRICE OF GLASS.

The price of window glass was advanced three times in the last half of December and it is regarded as certain that the Imperial Window Glass Co., now almost ready to do business, will be the means of putting the market considerably higher. Most wholesale dealers in greenhouse glass have withdrawn all previous quotations and are making prices only for immediate acceptance, waiting for the market to find itself.

It seems certain that the price of greenhouse glass will be higher next spring than it now is—much higher, some of the jobbers say—but whether or not any combination of the manufacturers will permanently solve their business troubles remains to be seen. Production has been greater than demand for the last couple of years, and prices so low there was no profit, but it hardly seems possible that so simple an expedient as the one now influencing the market can permanently overrule so fundamental a law as that of supply and demand.

CHICAGO.

The Great Central Market.

The Christmas business this year would have been much the best ever recorded had December 24 and Christmas morning given the results anticipated. The supply proved to be considerably larger than anyone expected; indeed, it was the largest supply this market ever has seen at Christmas. Early in the week receipts were light, many orders were shipped short, and many others were refused, calling for Beauties and other special items. But when the big shipping days arrived, December 22 and December 23, it is probable that every house in this market filled its orders more nearly as given than they ever before were filled at this holiday. When the business leaps to four or five times the normal volume, it never is possible to fill every order just as wanted. The wholesalers must keep things moving; they cannot let orders lie until they get in the stock to fill out some one item; sorting, packing and shipping must go on continuously from morning until late at night. Thus it happens that an order may go out short a part of one item, when a half hour later that wholesaler may have plenty. This Christmas, however, the supply was so large throughout the two shipping days that pretty nearly everyone got what he wanted, and all he wanted.

The shipping business never was better but when the wholesalers got through Thursday evening a good many of them found they still had quite a quantity of stock on hand, some of them great quantities, and Thursday evening the market began to weaken. The day before Christmas brought the storm and the business done that day fell far below expectations. Christmas morning there was extremely little doing. The result is that

Killarney

Our Killarneys are easily the finest roses this market ever offered for January—when roses usually are scarce and in first-class demand. Our cut is large. The color is perfect. All lengths of stem, but mostly select and special, with a fair proportion of extra special, stock that is above criticism. Let us know the length you need. You can do big business with this stock.

Beauties

Our Beauties are in steady crop; splendid color, fine foliage, strong stems, all lengths; especially strong on medium leng If your trade knows good Beauties, you should use ours.

Carnations

Our midwinter Carnation crop is on. The quality is right up to the standard that has made our supply so widely known among the buyers—we always have the most uniformly high grade large lot of Carnations on the Chicago market.

Violets

Our Violets are better than they ever were before and we have for years handled the cream of the Hudson River doubles and the finest home-grown singles. You can build a big business on Violets if you get your stock from us.

Miscellaneous Stock

Sweet peas are more abundant, pink and white with good stem, and a few fancy colors. Trumpet narcissi and all fancy flowers. Order smilax and asparagus in bunches. All outdoor greens of best quality.

Fancy Valley Always on Hand

Price List

AMERICAN BEAUTY	Per doz.
Long stems	$5.00 to $6.00
Stems 24 to 30 inches	3.00 to 4.00
Stems 15 to 20 inches	2.00 to 2.50
Stems 12 inches	1.25 to 1.50
	Per 100
Killarney, special	$12.00
" select	$ 8.00 to 10.00
" seconds	4.00 to 6.00
Richmond, special	12.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Maid and Bride, special	10.00
" " select	8.00
" " seconds	4.00 to 6.00
Mrs. Field	6 00 to 12.00
My Maryland	6.00 to 12.00
CARNATIONS	
Common	2.00 to 3.00
Select, large and fancy	4.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	1.00 to 1.50
" " single	.75 to 1.00
Sweet Peas, fancy	1.00 to 1.50
Valley	4.00 to 5.00
Easter Lilies, per doz., $2.00	15.00
Callas " 2.50	
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	2.00 to 3.00
Narcissus Trumpet Major	4.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri, per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax, per doz., $1.50	12.00
Ferns, per 1000, 2.00	.25
Galax, bronze " 1.00	.15
" green " 1.00	.15
Leucothoe	.75
Boxwood, 35c bunch; $7.50 case	
Mexican Ivy, per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Send Us a Mail Order

For Florists' Supplies

Now is the time to stock up—and we are the Florists' Mail Order Supply House. Replenish your stock of

Wire Designs **Folding Boxes** **Baskets**
Ribbons **Chiffons** **Pot Covers**
Violet Ties **Fern Dishes** **Air Plant**

We guarantee our prices to be as low as are quoted by any reputable supply house in this country.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

the wholesale houses make reports that vary widely. Those who got the bulk of their stock in early, shipped it out at good prices, but the stock that came in Friday did not realize what the growers expected for it; indeed, Friday night many wholesale houses closed with large quantities of stock on hand, stock which should have realized good money, but for which there was practically no possibility of sale until the opening of this week, when the stock was scarcely in salable condition. Not only was local trade Friday far less than had been expected, but cancellations on late shipping orders were numerous, especially from the west, where the storm was a day earlier than in Chicago. The poor business Friday cut a big hole in the receipts of many of the wholesale houses. Some of them did much the largest business they ever have done, but it was on the shipping days that they made their gains.

There was no marked shortage in anything, but Beauties were less abundant than any other flower. It was possible for wholesalers to buy Beauties all through the week and on Friday the price weakened a trifle, along with the price of other stock. Killarney was by far the best selling rose, but the supply was something enormous. Quality generally was excellent. Richmond was, of course, in heavy demand, and there was a shortage in the medium grades. Mrs. Jardine was in moderate supply and sold extremely well. My Maryland was not offered in much quantity, and did not sell nearly so well as Killarney. It was noticeable that the proportion of the extra special lengths of roses was greater than at Christmas in previous years, while the proportion of short roses was smaller. The demand was largely for the medium lengths and the extra long stock did not realize its full value, compared to other lengths. Some wholesalers even had the extra long Richmond left, stock they expected to get from 35 cents to 50 cents for, and which they were unwilling to sell for less. There was some surplus of the extra long grade of Killarney, stock that 35 cents to 40 cents was asked for. When this grade was found to be hanging fire the price, of course, was shaded, and Friday the city buyers were offered such inducements that some of them canceled orders previously placed with other houses, making considerable confusion. It was a surprise to see how well white roses sold. No one expected any demand for these, but several wholesalers found themselves with more fancy long Killarney than they wanted, while they were unable to fill their orders for White Killarney and Bride.

Carnations moved well up to December 24. The receipts that day were extremely heavy, for it appears to be a habit of carnation growers to send in the last moment the heaviest shipments of the week. Indeed, right up to the last incoming train Friday night the carnations were arriving by many thousands. It was the old story. Prices went down and much stock was left unsold. The white, of course, suffered especially, and there was considerable waste among the late consignments. The cheap buyers, who are looked to to clean up the splits and sleepy carnations, were put out of business by the cold and snow and their absence was keenly felt; it made hundreds of dollars' difference to each house.

Violets sold well. Probably not as many as usual reached this market, but the quality was better than it ordinarily is at Christmas. The price ranged from $1.25 to $2, with most of the stock selling between $1.50 and $1.75. While considerable quantities were sold at $2, the houses which clung too tenaciously to this price had plenty of stock to offer cheap early this week.

Cattleyas were the shortest item on the market; all the first-class stores wanted them, and none could get all that were wanted. Poinsettias sold slowly, as they have for several years. One of the things necessary to make a thoroughly successful Christmas is a balance between supply and demand, which gives a good market for the odds and ends. This year the odds and ends did not have that market; the absence of the cheap-sales people was felt here. Such items as Paper Whites, jonquils, sweet peas and greens sold slowly. It was a surprise that there was so little demand for greens.

Since Christmas things have been even more quiet than usual. There was next to nothing stirring Christmas day, because there was a foot of snow on the sidewalks that morning, and Monday most of the retailers had enough flowers left over to meet all the needs of that day. Shipping trade also was light. Demand is slowly gathering volume, but there is a large supply of stock in the market, much more than in other years, and prices have fallen sharply. Years ago Christmas prices held until after New Year's; this year they are pretty nearly cut in two, though the market looks for a rally as New Year's day approaches. White roses are notably scarce and have held up better than anything else.

Aphine

The new insecticide discovery that kills plant lice of every species.

Effective Indoors and Outdoors

Send for Descriptive Circular

GEORGE E. TALMADGE, Inc.
Madison, N. J.

Mention The Review when you write.

The wholesalers are busy adjusting complaints. The storm delayed many shipments, but, worst of all, it caused stock to be left over on the hands of out-of town buyers, as well as city customers, and this always is a prolific source of kicks. If the buyer sells out clean, he is happy, but if he gets stuck, he is apt to be looking for trouble and, of course, is able to find it.

Christmas at Retail.

Two or three of the leading stores report an extremely good Christmas, better than ever before, but the majority say Christmas was merely good, and not

WHITE LILAC Ready January 15

Here's the place to get your Fancy Stock.

CATTLEYAS
None finer ever received in this market.

VALLEY
Extra fancy stock in regular daily supply.

VIOLETS
Finest Double and Single in largest quantity.

Beauties, Killarney, Richmond. Fine stock in large supply, all lengths of stem.

SWEET PEAS
Good stock in white and pink in quantity—A few lavender.

We Invite Your Orders.

WILD SMILAX
Always on hand, special rates on large quantities.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

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CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $2.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.50; 5000, $6.25.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist
311 MAIN STREET, Phone M-980 **CINCINNATI, OHIO**

Mention The Review when you write.

better than last year, while a substantial portion of the retail interest reports a more or less falling off in business. In the better grade of stores it is said the sale of plants and pottery was better than ever, mostly small arrangements: fancy dishes with small plants in them. The basket seems to have had its day. Though many were sold, a larger proportion of the plants than ever were in pottery or china. The cut flower business was not pushed, possibly because the retailers had bought their plants and would have them to pay for, so it was up to them to sell them before they sold cut flowers not yet bought. It was specially noticeable that the stores in the workingmen's sections of the city reported a falling off in their sales. The explanation was that the cost of living is now so high the business of these stores is largely limited to funeral work. Previously these stores have cleaned up, at good prices, large quantities of stock that fell just short of meeting the needs of the critical trade. The street stand branch of retaildom was absolutely out of business because of the storm, and all who depend on transient trade suffered severely.

The retailers bought sparingly of cut flowers, but most of them had some left, and in several stores the plants still on hand indicate that the overbuying will cut quite a hole into the Christmas profits. Violets proved to be overbought in many of the best stores. The explanation for this is that the storm of December 24 and 25 cut down the sales on this flower rather more than on any other. The storm cut a big hole in all retail sales.

W. J. Smyth says that his explanation for the failure of the Christmas business to reach anticipations is about like this: "Flush times are not so good as hard times for the florists' Christmas. In the hard-times year the people who had been buying expensive presents sent flowers instead; this year they had the price to go back to the diamond stores, and the florist lost their patronage. Also, the public knows cut flowers cost twice as much at Christmas as a week before and a week after, so they naturally don't buy them any too freely when prices are at the peak."

In some of the retail stores gold basket arrangements of artificial poinsettias and perpetuated fern fronds were shown and proved good sellers. One store reports selling about a dozen of these baskets at from $10 to $15 each.

George Walther Weds.

There are men who go about all their affairs preceded by a brass band, but George Walther is not one of these. He wears rubber heels. It has just developed that December 16 Miss Marguerite Hills, daughter of Mr. and Mrs. F. R. Hills, formerly of Maywood, arrived from California, and that Miss Hills and Mr. Walther were married that evening at the Walther home on the south side. The bride is almost as well known among florists as is Mr. Walther himself, and it really is not fair to their friends to keep so quiet about the wedding.

Various Notes.

E. E. Pieser, of Kennicott Bros. Co., was born New Year's day, 1863. There will be the usual celebration at the Pieser home this week.

The A. L. Randall Co. handled a considerable quantity of orchids for Christmas.

E. C. Amling's store was open continuously from Friday morning until noon on Saturday, and it is said that tickets amounting to over $1,000 were written between 3 a. m. and 4 a. m. Mr. Amling has been confined to his home for several days as a result of the Christmas experience.

August Poehlmann says that the sales of the Poehlmann Bros. Co. for December 23 set a new record for the concern, well in advance of the previous high record. But the same day he bought 114 cars of coal and just a little while before 1,500 boxes of glass, so the money isn't all profit.

"Billy" Kidwell was looking for more of the Mrs. Jardine rose December 27. He told Wietor Bros. that it was a better seller than Killarney with his best Christmas customers.

W. F. Hoerber is well pleased with his first Christmas and says that he regrets the truth of the old saying that Christmas comes but once a year. They had a larger cut than at any time heretofore and not enough stock to go around.

Andrew McAdams was downtown December 27 for the first time in some months. He said it was a good Christmas, but that Christmas never brings the retailer enough profit to pay for the extra work and anxiety, and that he is glad when regular business is on again.

John Zech says Texas buyers do not want Killarney or White Killarney; that Maid and Bride are the roses called for on shipments to the extreme southwest; New Orleans prefers the Killarneys.

Mrs. W. E. Lynch was called to her former home at Hatfield, Mass., December 26, by the critical illness of her mother. Mr. Lynch said that the house of E. H. Hunt never had a better Christmas in the cut flower department.

C. W. McKellar said he could have

1910 If you have not used Milwaukee Flowers in the year now past, YOU will gain by doing so in the New Year :: :: :: 1910

Beauties, Roses, Carnations, Violets, Valley, Bulb Stock, Stevia

OUR SUPPLY IS LARGE—OUR QUALITY IS FINE

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns. Valley every day in the year. Our stock and service, once tried, will cause you to become a regular customer ∴ ∴ ∴

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write

sold 1,500 more cattleyas. He lost some shipments of gardenias, delayed either by the storm or the big accumulation of freight in the express offices. There is much complaint of stock frozen, especially that bought by the retailers from out-of-town plantsmen.

Leonard Kill says that for three days in succession last week Peter Reinberg's sales exceeded all previous records. Mr. Kill plans to leave, January 4, to winter in California.

T. C. Yarnall, of the J. B. Deamud Co., who has been calling on growers, getting a line on what will be in market in the first part of the new year, says stock everywhere looks good to him and that the growers all say they are going to have good cuts and good quality from New Year's to Lent.

The building in which the Flower Growers' Market is located is already being remodeled, work having been begun in the basement. The changes on the market floor will be started right after the first of the year.

C. L. Washburn says that city florists have little conception of the storm of last week; it was the biggest in ten years, drifts four feet high at Hinsdale. Ned Washburn is now putting in the most of his time at the greenhouses.

Kyle & Foerster report Christmas as having exceeded their expectations because of the supply proving so generous.

J. H. Burdett is reported as having tendered his resignation as secretary of the Horticultural Society of Chicago.

Vaughan & Sperry say all the city buyers would have had a Merry Christmas had it not been for the storm—and that's something nobody could help.

The florist bowlers will roll Saturday, right in the city tournament.

WESTERN

Chas. W. McKellar

ORCHIDS

51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, January 3, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,		$6.00
Dendrobium Formosum, white.	"		6.00
Cypripediums, green, per 100, $15.00	"		2.00
Assorted, selected flowers	Per box,	$5.00 to	25.00
Gardenias	Per doz.,	3.00 to	5.00
AMERICAN BEAUTY—Specials.	"		6.00
30 to 36-in.	"	4.00 to	5.00
20 to 24-in.	"	2.50 to	3.00
15 to 18-in.	"	1.50 to	2.00
Shorter.	"	1.00 to	1.25
Killarney, special	Per 100,		12.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
My Maryland, special	"		12.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
Richmond, special	"		12.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
Mrs. Field	"	5.00 to	10.00
Bridesmaid	"	5.00 to	10.00
Bride	"	5.00 to	10.00
ROSES, our selection, mixed	"		4.00
CARNATIONS			
Select	Per 100,	$2.00 to	$ 3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,	.75 to	1.00
" single	"	.75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00	"	15.00
Sweet Peas	"		1.00
Bouvardia	"	4.00 to	6.00
Paper Whites and Romans	"		3.00
Jonquils	"	3.00 to	4.00
Stevia	"		1.50
Mignonette	"	4.00 to	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
" "	Per bunch,	.35 to	.75
" Sprengeri	"	.35 to	.75
Adiantum	Per 100,	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.00
" " "	Case 10,000,		7.50
Leucothoe	Per 100,		.75
" bronze	"		1.00
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

DAYTON, OHIO.

The Market.

It would be impossible to give other than a glowing report on last week's business, the weather being ideal and trade booming. Prices seemed to be no object to the people, and it might be added that prices were quite steep. While there were some in both wholesale and retail trade that backed down when prices were quoted to them, still at the same time there were others willing to pay the price and glad to get the stock. While crops were abundant for this season of the year, still there was not nearly enough to compete with the increasing demand. Red flowers, especially roses and carnations, were at a premium, and advance orders consumed the supply long before Christmas, and at the last minute the florist could get his own price for Rhea Reids or American Beauties. One of our Dayton florists asked as high as $30 per dozen for choice Beauties. Extra

FINE
STOCK IN LARGE SUPPLY

We are starting the New Year with a large supply in all lines—the kind of stock the average florist uses. YOU take the orders, wire us and we will send the right stock to fill them.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

PRICE LIST

BEAUTIES	Per doz.
48-inch and over	$6.00
36 to 36-inch	$4.00 to 5.00
24 to 30-inch	2.50 to 3.00
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00

ROSES (Teas)	Per 100
Bride and Maid	$5.00 to $10.00
Richmond	5.00 to 10.00
Killarney	5.00 to 10.00
White Killarney	5.00 to 10.00
My Maryland	5.00 to 10.00
Perle	6.00 to 10.00
Roses, our selection	4.00
CARNATIONS, medium	2.00 to 3.00
" fancy	4.00

MISCELLANEOUS	
Harrisii Lilies	20.00
Valley	3.00 to 5.00
Violets	.75 to 1.25
Paper Whites	3.00
Stevia	1.50
Sweet Peas	1.00
Callas per doz. $2.00	

GREENS		
Smilax Strings per doz.,	1.50 to	2.00
Asparagus Strings each,	.50 to	.60
Asparagus Bunches "	.35 to	.50
Sprengeri Bunches "	.35 to	.50
Adiantum per 100,	.75 to	1.00
Ferns, Common per 1000,		2.00
Galax "		1.00
Leucothoe		.75
Boxwood lb., 25c		
Wild Smilax $2.50, $3.50 and		4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.



No. 822, Colonial.

FLORISTS' BASKETS

Window and Porch Box Baskets are among the best sellers. They are made in all sizes, from 18 inches long to 6 feet. They are adapted to hold plants in pots, or filled with earth and growing plants, or vines. Have a wonderfully pleasing and artistic value upon the surrounding settings. Last spring we could not fill all orders; now we are better equipped. Order now. Any that do not please you may return. State sizes and colors wanted.

PRICES TO THE TRADE

18-in. long, each, $1.70	30-in. long, each, $2.50	42-in. long, each, $3.30
24-in. long, each, 2.10	36-in. long, each, 2.90	48-in. long, each, 3.70

Without handles, 50c each, less.

——Illustrated Catalogue upon request.——

MADISON BASKETCRAFT CO., Madison, Ohio

Mention The Review when you write.

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., Brooklyn, N. Y.

Mention The Review when you write.

Bride, Maid and Killarney brought as high as $4 to $5 per dozen. But few complaints were made; stock seemed to be satisfactory and business so good that "kicking" was out of the question.

Carnations, valley, violets, Romans and Paper Whites sold remarkably well; in fact, everything that resembled a flower. Callas came in handy to make up the funeral orders, which came in to help keep up the rush of business. There was also a big demand for poinsettias, which also brought a good, stiff price. Holly, mistletoe and all Christmas greens were disposed of. The Christmas business started up Wednesday morning and kept up until after Christmas. Stock at the present time disappears as rapidly as it is cut.

Christmas Weather.

The weather was ideal for Christmas. Folks who were wishing for a white Christmas appeared disappointed until late Friday evening, when Dame Nature visited us with a quiet snow storm, which kept up steadily during the night. Christmas morning old Mother Earth was covered with a feathery blanket about six inches in depth, making a most beautiful and, according to reports, a merry Christmas for all. Since then we have had several snow storms, which have rendered it fine for sleighing in Dayton, a treat that Daytonians seldom get.

Various Notes.

On account of its being New Year's week the Florists' Club will not hold its regular monthly meeting until the second Monday in January.

The Miami Floral Co. says that it had never witnessed such an excellent Christmas trade as it did this year. People were seemingly easier to satisfy and no one was complaining. Trade with this company, as with other florists, made up for the dull season which was experienced before Christmas. The only complaint was the tired feeling caused by the continuous rush from early dawn till late at night. The Miami Floral Co. grew about 10,000 Paper Whites for the Christmas trade, out of which a good profit was realized.

M. Anderson says that he cannot help but feel satisfied with his trade through the holidays.

M. & L. Johnson report this year's Christmas trade far ahead of last year. Miss Minnie Johnson, who has been confined to her home for several months on account of sickness, was able to be at the store one day last week to help out, but it did not prove to be the best thing for her.

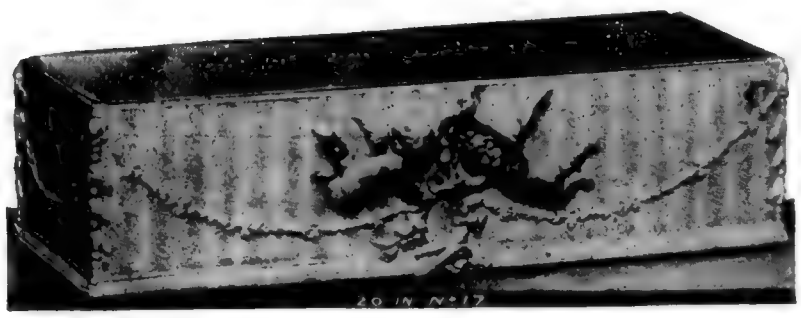
The Dayton Floral Co. feels perfectly satisfied that Christmas business this year was the best ever. The firm finds the demand for fancy baskets of plants increasing each year, as they did a big business along this line, not having enough to meet the demand. They also realized a good profit on Christmas greens, having sold 1,800 pounds of lycopodium. An unfortunate thing occurred

A Great Success—the New

Dellwood Fern Dishes and Window Boxes



They are light, neat, attractive and are made from an unbreakable composition. They have a pan to contain the soil, with an extra drip pan below. Strong and durable. Made in antique assorted finishes, in the following sizes: 5x7 in., 8x8 in., 4x13 in., 4x18 in. and 5x20 in., and are from 4 to 5 in. high.



Complete description and list of prices, YOURS FOR THE ASKING.

Manufactured by

GOLD FURNITURE CO., 2300-2318 S. Western Ave. Chicago

N. Y. Office, E. J. SCHWABE, 814 Broadway

Distributor for principal cities in U. S.

Mention The Review when you write.

at their plant Thursday, December 23, when all the flues in their large boiler gave out. Fortunately they had a reserve boiler, which carried them through the difficulty until the other boiler was repaired.

Mrs. Bertha Hendrichs gives the same report of last week's trade as do the other florists. We are glad to report that the poisoning which she had in her face has about left her.

Mrs. B. Haschke says that the business out her way cleaned up everything she had.

H. H. Ritter claims that he had the biggest Christmas trade this year that he ever had. He reports having realized a good business on orchids, with no funeral orders to interfere with business.

John F. Young is on the sick list. The rush of last week's business seems to have been too much for him.

Louis Schellhaas, of Miamisburg, took a run into Dayton December 27. He, too, reports a fine trade in Miamisburg.

Henry Ehrhard, of Sidney, and E. G. Hill, of Richmond, Ind., were visitors last week. R. A. B.

MILWAUKEE.

The Market.

Christmas of 1909 undoubtedly came up to all expectations. In fact, most of those who gave opinions stated that "it was a hummer." Pot plants were a big item; indeed, it seems that in numerous cases pot plants took the preference, no doubt due to their lasting quality and the lower price. There was no complaint of a shortage in Beauties, roses, carnations and the like. December 25 even found white carnations of good quality, and some of the colored varieties of poor quality, still unsold. Violets, which were equal to the demand, were good property and realized a good price.

The green goods market, which was well supplied, was cleaned up. Green wreaths, ground pine, etc., were scarce. The first holly that came in was of good quality, but the remainder was of inferior grade. In this city the wholesale produce commission men have for the last few years added holly to their Christmas stock, and have worked up enough trade to make it decidedly felt at the wholesale florists' shops. Poinsettias again proved to be the favorite cut flowers and reigned supreme. Stock, all in all, was of a fine quality.

Western Florist Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.

DENVER, COLO.

Mention The Review when you write.

Various Notes.

The Currie Bros. Co. claims that the volume of business this year exceeded that of last year, with an increased call for baskets of mixed plants. While they expected a limited call for these, they sold like hot cakes and kept them busy trying to keep up with orders. Their nice lot of azaleas was cleaned up in good season.

Wm. Zimmermann, who only conducts a store, laid in a large supply of pot plants, and he says that, owing to the unfavorable weather, there was not much doing till two days before Christmas, and then business came in a rush and proved to be the best up to date. He simply could not supply the demand for holly wreaths.

At the store of the Baumgarten Floral Co. the long suit was the poinsettia. They had their windows tastefully decorated with this flower, which no doubt was one cause of the extensive sales. Here, too, the complaint that holly was poor was

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20 inch stems	2.50
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride, fancy	$8.00 to $10.00
" good	4.00 to 6.00
Bridesmaid, fancy	8.00 to 10.00
" good	4.00 to 6.00
Killarney, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
White Killarney, fancy	8.00 to 10.00
" " good	4.00 to 6.00
Mrs. Jardine, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	4.00 to 6.00
Perle	8.00
Roses, our selection	**4.00**
CARNATIONS, fancy	4.00
" good	2.00 to 3.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies ... per doz., $2.00	
Sprengeri, bunch, $0.50 to 0.75	
Ferns .... per 1000, 2.00	
Galax .... " 1.00 to 1.50	

All other stock at lowest market rates.

No charge for packing.

Prices subject to change without notice.



125,000 square feet of glass

We grow a general line of Cut Flowers and Plants for the Wholesale Trade.
If your name is not on our mailing list, let us know.

The Pikes Peak Floral Co. :: Colorado Springs, Colo.

Mention The Review when you write.

Beauties

Beauties of fine quality are in good supply with us for New Year's, and we shall have a large cut, at least for several weeks in January. The stock is sure to give satisfaction.

Carnations, Roses, Violets

SEND ALONG THE ORDERS

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

PRICE LIST

AMERICAN BEAUTY	Per doz.	
36 to 40-inch stem	$4.00 to	$5.00
24 to 30-inch stem	2.50 to	3.00
18 to 20-inch stem	1.50 to	2.00
12 to 15-inch stem	1.00 to	1.25
Short stem		.75
	Per 100	
Bride	$5.00 to	$10.00
Bridesmaid	5.00 to	10.00
Killarney	5.00 to	10.00
White Killarney	5.00 to	10.00
My Maryland	5.00 to	10.00
Mrs. Field	5.00 to	10.00
Richmond	5.00 to	10.00
ROSES, our selection		**4.00**
Carnations, good	2.00 to	3.00
" fancy		4.00
Violets	.75 to	1.00
Valley	3.00 to	5.00
Harrisii Lilies		20.00
Callas, per doz.	$2.00	
Asparagus, per string	50c	
" Sprengeri, per bunch,	.35 to	.50
" Plumosus "	.50 to	.75
Galax, green, per 1000,	$1.25;	.15
" bronze, "	1.25;	.15
Adiantum	.75 to	1.50
Leucothoe Sprays		.75
Smilax, per doz.,	$2.00	
Fancy Ferns, per 1000	2.00	.25
Boxwood, 50 lb. case,	7.50	
Wild Smilax, 50 lb.,	5.00	

Prices subject to market changes.

Mention The Review when you write.

heard; otherwise everything was quite satisfactory.

The M. A. McKenney Co. reports business for last week highly satisfactory in both cut flowers and pot plants, the latter making a better showing than in past seasons. They ran short on holly wreaths.

"A-No. 1" was the answer which came over the wire to the inquiry as to how the holiday business was with the Edlefsen-Leidiger Co. The volume of business was larger than last year, due, no doubt, to their branch store at 782 Third street, but what was more noticeable was the call for a better grade of stock in all lines; customers were more willing to pay a fancy price for good stock than in the last few seasons.

Robert Zepnick, 147 Lincoln avenue, says that, all in all, he was well satisfied and that the holiday business ran away ahead of expectations. December 27 found him extremely busy with funeral work.

The Wisconsin Floral Co. says that the price of cut flowers was too high, thus throwing a good many sales over to pot plants. The demand for holly wreaths was too brisk for the supply.

The Holton & Hunkel Co. says that the growers must simply produce high grade stock these days, if they expect to keep pace with the times. Especially was this noticeable in carnations. While orders for good stock were still coming in on the afternoon of December 23 and the supply exhausted, there was plenty of the poorer grades in stock, which, up to a late hour, still remained unsold. Shipping trade, which commenced Tuesday, was better than ever before.

At the headquarters of the C. C. Pollworth Co. there was practically nothing left of the large Christmas stock of pot plants, cut flowers, etc., which were in evidence the week previous. Business was fine, with a noticeable increase in the shipping line.

The first club meeting for 1910 takes place January 6, and every member should be present. New officers will be installed. Let us help them make it the banner year by attending all meetings.

E. O.

EAST LIVERPOOL, O.—Mayor Frank G. Chapman is contemplating the erection of a greenhouse on his farm, back of Chester.

MALDEN, MASS.—E. D. Kaulback & Son have removed to their new building, situated at 160 Pleasant street, opposite the postoffice.

LOWELL, MASS.—The local newspapers report that William D. Whittet, of Whittet & Co., proved himself a hero recently by the way in which he stopped a pair of runaway horses and saved a group of children from injury.

BRISTOL, VA.—Audry, five-year-old son of Charles L. Bowers, a florist, died December 19, being ill for a few hours, apparently of poisoning. It is believed the child got poison in some form in cake he ate, although the exact cause of death has not been determined.

Do You Know We Grow

THE FINEST ROSES

IN OHIO?

THE J. M. GASSER COMPANY

1035 Prospect Avenue, - - CLEVELAND, OHIO

(Full crop Killarney and Richmond on now.)

Mention The Review when you write.

CLEVELAND.

The Market.

Reports on Christmas trade from the different florists in this vicinity seem to be most favorable; in fact, most of the retailers report a heavy increase in business. There seemed to be a good supply of almost everything, the retailers having no trouble in getting all the cut flowers they wanted. There was a scarcity of some kinds of pot plants and quantities were frozen in transit, making a bad matter worse. There was a decided falling off in the demand for Beauties and violets at the last moment, which left the Christmas morning shipments unsold.

Various Notes.

Knoble Bros. are more than pleased with the result of Christmas trade, having had an increase of fifty per cent over last year. This firm advertised in the daily papers for a week preceding Christmas, making special mention of boxwood wreaths, which they sold by the hundreds. It kept six wagons and two automobiles busy to deliver their output.

A. M. Albrecht reports having done twice the business of last year. He handled cut flowers of all kinds in quantity.

C. A. Bramley was a heavy buyer over the holidays, having had some large funeral orders besides his usual Christmas rush. Mr. Bramley was also fortunate in not having been injured when his wagon was hit by an automobile.

The Jones-Russell Co. is elated over the volume of trade done for the first holiday in business. It was above the highest expectations. This firm worked with all hands on until 8 p. m. Christmas night. They also report having many large decorations for the week between Christmas and New Year's.



Krick's Florist Novelties

Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. **Just the thing for plant growers; will sustain a weight of 100 lbs.**

1164-1166 Greene Ave., BROOKLYN, N. Y.



Mention The Review when you write.

Westman & Getz are more than pleased with the Christmas trade. They handled large quantities of fancy hampers and baskets filled with fancy foliage plants. Their call for cut flowers also was heavy.

Smith & Fetters report a heavy increase over a year ago. They also have a great number of decorations for this week.

John Kirchner had the best sale of Christmas plants in years. His cut flower trade was also up to the mark.

Peter Nichols, of the Arcade, sold quantities of wreaths of all kinds, also quantities of air plants in fancy brass dishes.

Milford Parks had a heavy call for violets, Beauties, Killarney and red carnations. His trade was far ahead of a year ago. B.

The J. M. Gasser Co. reports a most excellent Christmas trade. Everything sold well at a fair price. There was no advance in prices over former years, although roses and carnations were a decided improvement in quality over other Christmases. Killarney roses were particularly fine; in fact, better than any pink rose ever handled at any previous Christmas, and they cut 12,000 of them. Beauties were not abundant, and not of good color. Consequently there was not much sale for these. Snapdragons, gardenias, orchids, daffodils, pansies and mignonette were in evidence and sold well. Wallflowers, begonias, poinsettias and cyclamens took the lead in plants. The blizzard and snow storm arrived promptly on schedule time Christmas morning, delaying incoming shipments of flowers from the east. Violets were from twelve hours to two days late, causing considerable worry and disappointment to the retailers. Who should stand this loss, the shipper, the express company or the purchaser? It was not carelessness, or lack of effort, on the part of the first two named. The Gasser Co. made one shipment of 200 cypripediums to Montana. These had to leave a week in advance.

KANSAS CITY.

The Market.

We have passed through the severest cold weather for Christmas that has been known for twenty years. The ground

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

We want your orders right after the Holidays, so we issue our price list thus early to advise you of the reduction in price. We continue to have

A Large Cut of all Roses and Carnations

and will gladly have your esteemed orders. Prompt attention to all orders.

PRICE LIST IN EFFECT JAN. 2, 1910.

AMERICAN BEAUTIES	Per doz.
Extra Long	$5.00
30 to 36-inch	4.00
24-inch	3.00
18 to 20-inch	2.00
12 to 15-inch	1.50
Short stem	1.00

ROSES	Per 100
Cardinal, extra long	$25.00
" long	18.00
" medium	12.00
" short	$ 6.00 to 8.00
Maid, Bride, Perle, select	8.00 to 10.00
" " " long	6.00
" " " medium	4.00
My Maryland, select	12.00 to 15.00
" long	8.00 to 10.00
" medium	6.00
White Killarney, Richmond, Killarney, select	15.00
" " " " long	10.00 to 12.00
" " " " medium	6.00 to 8.00
" " " " good short	4.00 to 5.00
Good short stem Roses	3.00

Our Extra Special grade of Roses charged accordingly.

CARNATONS	Per 100
Extra fancy	$4.00 to $ 5.00
First quality	3.00
Splits	1.50 to 2.00
HARRISII	20.00
NARCISSUS PAPER WHITE	3.00
ROMANS	3.00
VALLEY	3.00 to 5.00
VIOLETS	1.50
MIGNONETTE, large spikes	6.00
STEVIA	1.50
ADIANTUM	1.00
ADIANTUM CROWEANUM, fancy	1.50
SMILAX	per doz., $2.00
SPRENGERI, PLUMOSUS SPRAYS	3.00
PLUMOSUS STRINGS	each, 60c
FERNS	per 1000, $2.00
GALAX	" 1.00
LEUCOTHOE	" 7.50 1.00
CHRYSANTHEMUM MERRY XMAS per doz	$2.00 to $3.00
Wild Smilax	per case 5.00

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

was deeply covered with snow, which made it difficult for delivering. The thermometer was down to 15 degrees and part of the time about zero. This required a great deal of covering to keep plants from freezing. The result was that the bulk of the stock sold had to be delivered Christmas day, and in some places it took all day to finish up. One florist was heard to say he would give $50 if he had one more large wagon that was heated, to get his orders out. By the looks of his orders he was badly snowed under.

In regard to stock, there were roses enough to meet the demand, but carnations were scarce and sold at $1 to $1.50 per dozen. Plants in pots took the lead. Begonias were first; they sold readily at from $1.50 to $10 each. Next came poinsettias in pans and baskets; few calls were made for them cut. There was a fair call for azaleas, but the supply was poor, few being in full bloom. They were hard to force into bloom, as most of them arrived late from Belgium. American Beauties sold well at a fancy price, the supply being rather short. Christmas trees sold well at 25 cents higher than last year, as the supply was short. Green goods sold so well the prices jumped up one-third by December 24. Holly was plentiful at prices the same as last year. Wild smilax was plentiful, in cold storage. There was a good demand for violets. The call for hyacinths was not so brisk; the supply equaled the demand. Narcissi sold well.

Various Notes.

Arthur Newell reports business fine.

D. Freudenthal says business was better than last year. Sales in cut flowers were about the same as potted plants. He is well satisfied.

R. S. Brown & Son report business extra fine. Plants went best and quite a lot of funeral work was mixed in with



Twenty years ago we sold our first packet of seeds—our first case of bulbs, but never in all these years did we make as many new customers as in 1909.

We are also glad to say that our old customers—many of whom have been dealing with us since the foundation of our business—have shown an increased confidence in us during the year just passed.

To show our appreciation for these many favors, we intend to give our customers still better service—still better qualities—still better values—in the year now before us.

With our new twenty-acre trial grounds at Torresdale, Pa., our up-to-date store at 1018 Market Street, and our new "Tower Hall" Seed House at 518 Market Street, (illustrated above), we have the best equipped Seed and Bulb establishments in the East. The floor area of our stores and warehouses is over 59,000 square feet.

So with more facilities, more experience, and more workers—all under the vigorous, personal direction of the founder of this business, Mr. Henry F. Michell—we expect to do more business for more customers in 1910 than ever before.

Wishing you happiness and prosperity for the New Year, for all the year, and for all the years to come, we are,

Very truly yours,

HENRY F. MICHELL CO.

Henry F. Michell, Pres. Fred. J. Michell, Vice-Pres.

PHILADELPHIA

Absolutely Free!



In order to further acquaint the florists with Michell's High Grade **Flower Seeds,** we will send, if requested, during the month of January, with every order of **Flower Seeds** which amounts to $5.00 and over, a

Florists' Budding Knife

Made of the finest English steel, white handled, with two blades, brass lined, a knife that is sold by us for $1.25.

Guaranteed in Every Respect

Send for our Handy Flower Seed Order Sheet.

Our General Wholesale Catalogue ready Jan. 10.

MICHELL'S New Crop FLOWER SEEDS

One of the most important branches of our business. It is our constant aim to supply only such strains as will give the best results.

Lobelia

	Trade pkt.	Oz.
Barnard's Perpetual—Blue with white eye	$0.25	$1.00
Crystal Palace Compacta—Dwarf, dark blue	.30	1.00
Crystal Palace Speciosa—Deep blue, trailing	.20	.50

Petunia

California Giants—Extra large flowers of the brightest colors, 1/16 oz., $2.00	.50	
Grandiflora Fringed—Choicest mottled and striped, 1/16 oz., $2.00	.50	
Dwarf Inimitable—Striped	.50	1.00
Double Hybridized and Fringed—Extra choice, 500 seeds, 75c; $1.50 per 1000 seeds.		

Salvia

Ball of Fire—Dwarf scarlet	.50	3.75
Bonfire—Compact	.40	2.25
Splendens—Bright scarlet	.25	1.25
Zurich—Brilliant scarlet; blooms earlier than any other sort	.50	5.00

Phlox Drummondii

Dwarf or Compact Varieties

Crimson with White Eye, Fireball, Pink, Snowball, Violet with White Eye, each	.40	1.75
Choice Mixed—All colors	.40	1.25

Verbena

Michell's Mammoth Fancy Strain

Cannot be excelled for large size, purity of color and free flowering qualities

Michell's Mammoth Fancy Blue	.30	1.25
" " " **Pink**	.30	1.25
" " " **Scarlet**	.30	1.25
" " " **Striped**	.30	1.25
" " " **White**	.30	1.25
" " " **Mixed**	.30	1.00

Also all other Flower Seeds—See our Wholesale Catalogue

HENRY F. MICHELL CO., Seed Growers and Merchants

Market Street above 10th Street, PHILADELPHIA

Mention The Review when you write.

the Christmas trade, which made them an exceptionally busy day.

The Rosery could not supply the demand for poinsettias. All baskets and potted plants sold well. Mr. Ellsworth is well pleased.

The Alpha Floral Co. reports excellent business.

The five-story building where the Geo. M. Kellogg Flower Co.'s store was located was destroyed by fire December 23, a total loss on all stock and supplies. They have the deepest sympathies of the craft in this city for meeting with such bad luck just before Christmas. They now have opened at a new location, 323 East Ninth street, and are ready for business.

The Rock Flower Co. reports business good; better than ever before. Baskets and potted plants sold well. They could have sold more violets if on hand, but eastern shipments failed to get through on time.

Samuel Murray reports an extraordinary trade this year on Gloire de Lorraine. He says it was never better, and he seems well pleased with his share of the business. W. H. H.

ST. LOUIS.

The Market.

The snow storm the day before Christmas and the cold weather Christmas day hurt the business but little this year, and from reports of most of the leading uptown florists the trade was great, and the reports from other parts of the city were about the same. We can safely say that the Christmas business done in cut flowers and plants in this city was one of the largest in years; it seems to increase each year. All four of our wholesalers say their business was much better than in any previous year. They had plenty of stock of everything and prices held up well until Christmas morning, when the values dropped. As usual, all the shippers held off until the last day, and more stock came in than they could dispose of.

Carnations were almost a glut Christmas morning. Violets sold well and there were enough to go around. California violets brought $3 per hundred, and doubles secured the same price. Pilcher's new violet, with 18-inch stems, brought $4 per hundred.

Roses of all varieties came in fine and were plentiful. All bulbous stock sold well. The weather was hard on the delivery of plants and cut flowers, which needed a great deal of extra wrapping, and many of the florists did not get through with delivery until late in the day. The demand for plants was, as usual, much greater than for cut flowers, and all favored the bright colors. Azaleas, poinsettias, Lorraine begonias, dwarf holly and orange trees sold best.

The trade in ground pine, wreathing, holly and mistletoe was good. Ground pine was scarce, but holly and mistletoe were plentiful and fine. The demand for wreaths was much better than last year, and everybody sold out of these.

The market at present is in good condition, with plenty of everything to be had. The wholesalers say they expect a great deal more business for New Year's than last year, as this day is again being more observed by the fashionable folks.

Various Notes.

The following firms all report a good Christmas trade: Fred C. Weber, Fred H. Weber, Ellison Floral Co., Kalisch Bros. Floral Co., Sanders Nurseries, George Waldbart, Ayers Floral Co., Eggeling Floral Co., R. J. Windler, G. Bergsterman, Charles Beyer, Miss Newman, Ostertag Bros., C. Young & Sons Co., Riessen Floral Co., Otto Sander, Foster Floral Co., Grimm & Gorley, Miss Theresa Badaracco, Alex. Siegel, Brix Floral Co., Bentzen Floral Co., Koenig Floral Co., F. H. Meinhardt, Schray & Sons, F. J. Fillmore, Oscar Heile, Diemer Floral Co., W. H. Kruse, Max Herzog, and all others so far heard from.

William C. Young left for a week's trip to New Orleans, La., Monday, December 27. He was accompanied by his youngest son, John. Mr. Young says he will return in time for the next club meeting and tell us all about New Orleans.

Mrs. Lisette Bruning, wife of F. W. Bruning, died last week at the age of 59 years. She was the mother of Mrs. Henry Berning and Otto Bruning. The funeral took place Sunday, December 26, from the residence of Henry G. Berning, and was private. Mr. and Mrs. Berning have the sympathy of the trade.

The Florists' Club's New Year's meeting, January 13, promises to be an interesting one. The trustees say they are working on a program that will make the first meeting in the new year one long to be remembered. Frank Fillmore's paper on "The Troubles of a Grower" will be worth while, so spend an afternoon with friends in the trade.

J. J. B.

Niessen's
News Column

It is an undeniable fact that the four great sellers in Roses today are

Beauties
Richmond
Pink Killarney
and
White Killarney

We have large quantities of them in all grades. Our specials and fancies are hard to beat for quality. Let us have that next order for Roses. We know that we can please you.

Carnations

Our growers are cutting heavily and the stock is of a fine quality. You will find our prices reasonable, always in keeping with market conditions.

Bulbous Stock

It is very plentiful with us and you will find good values in that line.

Valley
$3.00 and $4.00 per 100.

Paper Whites
$3.00 per 100.

Romans
$3.00 and $4.00 per 100.

Stevia
25c and 35c per bunch.

Gardenias

$4.00 to $6.00 per doz.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

New Year Specialties

Easter Lilies
Nothing more beautiful for decorations; very choice stock, well hardened.

Selected Carnations
Red, white and pink (two shades), large blooms borne on long, stiff stems.

Roses, Violets, Valley
The best of everything in the market at reasonable prices.
WILD SMILAX for the Decorator.

W. E. McKISSICK & BROS.
WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

It was a white Christmas. So often has the weather been abused for adverse conditions at a critical stage that it is only fair to give praise for the benefits enjoyed by all branches of the profession. The plantsmen had splendid shipping weather up to a week before Christmas. The cut flower growers had bright, sunny days up to Christmas eve. The retailers had ideal shopping conditions until Christmas morning. Then came the severest snow storm in years, a storm that by Sunday blocked railroad and trolley service, impeded walking and cut off telephone and telegraph service to a degree, and would have caused widespread disaster a few days earlier. December 25, rather than November 25, was the real florists' Thanksgiving day of 1909.

The Christmas plant and flower business of last week was the largest this city has ever experienced. Growers, wholesalers and retailers agree in this statement. The crops were heavy, the quality was encouraging, the demand tremendous. The prices realized were equal to former years, as a rule, but it generally required a better plant or flower than formerly to bring the prices. In other words, the market was more critical. There was a general disposition to get the stock earlier than in the past, so by Christmas morning business was over, the late city orders usually filled up to morning, or even later, being fewer than common. This fact is explained by the unusual facilities and by the heavy supply. The shipping orders for cut flowers, filled chiefly December 22 and December 23, were unusually heavy, taxing the executive ability of the wholesalers to get them out on time. The stock at their command included much fine material that will increase the city's reputation as a flower center. There was some costly holding back, reduced by weather and wisdom gained in former years.

The local demand was peculiar. The retailers took pains to push plants, putting the excellent material at hand into attractive shape and buying cut flowers with caution, yet so strong was the popular interest in their stock that before the week was over they had bought cut flowers with a freedom that kept prices firm to the end.

Violets were a strong factor in the Christmas market, good stock realizing excellent prices. Poinsettias were in short supply. Red was in demand. Enormous quantities of Richmond were sold. Beauties also were popular. Killarney was in tremendous supply. The mediums and good shorts were not so numerous in proportion to the long stems, and prices ruled lower than a year ago. White roses were not in demand, although some fancy Bride brought extraordinary values. O. P. Bassett led the red varieties of carnations. Beacon also sold well. Enchantress and White Perfection were fine. Holding back and late shipments hurt the carnation market, which was dull after December 23. Choice cattleyas, dendrobiums, cypripediums, gardenias and select valley brought excellent figures. Callas were in limited supply and held firm. Easter lilies were in fair demand. The left-over chrysanthemums, chiefly Jones and some Nonin, gave good value when bulk was desired. The demand for greens was lighter than usual.

Of course, there are exceptions to this Christmas summary. Some did better, some worse, and some will say that their experience will not agree with the views given. To all these friends let me say that the market is now a large one, made up of many parts, and that what is written here is the honest opinion of one of your number, who is in touch with many of you.

The great storm has hampered business this week. Some of the left-over stock rushed in on the wholesalers unexpectedly December 25 has come in well, as shipments are delayed coming in town. This was also true of the shipments going out December 27. Prices have fallen and conditions are unsettled. Poinsettias are pretty well over. Greens are abundant.

The Social Season of 1910

will be shorter this year than for several years.

Our Growers will be in the very best of shape, with splendid crops for the next five or six weeks, particularly strong on

		Special	Fancy	Extra	1st	2nd	3rd
Beauties	per doz.,	$ 9.00	$ 7.50	$ 6.00	$ 4.00	$3.00	$1.50
Maryland	per 100,	25.00	20 00	12.00	10.00	6.00	
2 Killarneys	per 100,	25.00	20.00	12.00	10.00	6.00	
Richmond	per 100,	25.00	20.00	12.00	10.00	6.00	
Gardenias	per doz.,	6.00	5.00		4.00		
Cattleyas	per doz.,		10.00				
Cattleyas	per 100,		75.00				
Valley	per 100,	5.00		4.00	3.00		

Open 7 a. m., close 6 p. m. Not open for business on Sundays. Not responsible for flowers after delivery to express company.

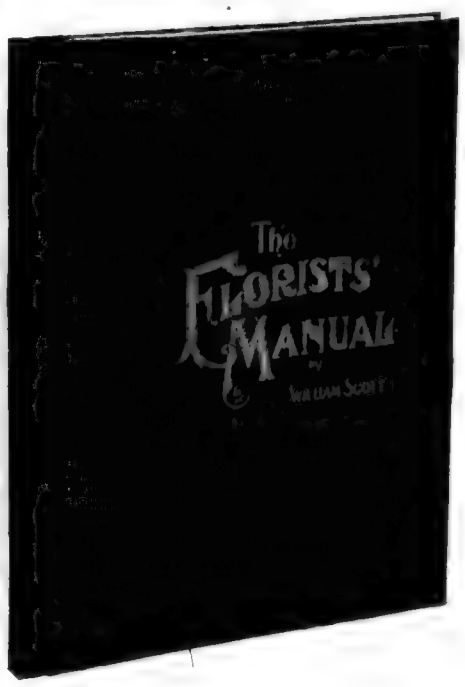
S. S. PENNOCK-MEEHAN CO.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street, PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

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The Florists' Manual

A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

Price, $5.00, prepaid by express or mail.

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn St., CHICAGO

Local business was paralyzed early this week by the heavy snow. Shipping has been excellent since Tuesday, when express service was resumed.

Mr. Fox's Views.

Charles Henry Fox, when asked about Christmas business, said that the red light had been heeded. The Sign of the Rose, Mr. Fox continued, had cut out the flowers that were considered unsatisfactory either from falling quickly or from being too expensive. Plants were featured, also roses and violets. Prices were kept as near normal as possible and fresh stock only was sent out. Christmas had proved most profitable managed in this way and made friends, not enemies. Mr. Fox expressed his belief more strongly than ever that more moderate Christmas prices would increase the prosperity of all branches of the profession, and added that a start has been made in the right path. A glance over the Sign of the Rose showed a clean sweep.

Various Notes.

The heavy Christmas snow damaged two houses of the Collingdale Greenhouses, at Collingdale, also two houses belonging to Charles M. Swayne, at Kennett Square. Some glass was broken in many other establishments. PHIL.

LOUISVILLE, KY.

The Market.

Christmas trade this year was the "best ever," running far ahead of last year. Potted plants were quite plentiful. All the best stock sold out rapidly, and all stock was fairly good. Azaleas and poinsettias were the favorites and not one was left that was at all salable. The pans of poinsettias that sold at from $2 to $4 seemed to suit the average pocketbook, though some pans and baskets sold at $5 to $15.

Azaleas brought from $1.50 to $8, and all kinds were cleaned up. Firefly, the baby azalea, while not in full bloom, sold out quickly at 75 cents and $1 per plant in 4-inch pots. A few were used in making up baskets and worked in nicely. A good many more could have been disposed of, but the supply was limited. Some good rhododendrons were to be seen and sold out nicely. It is a shame there are no good red ones to be had for

The Florists' Supply House of America

Wishes all its friends and patrons

A HAPPY AND PROSPEROUS NEW YEAR.

JANUARY SPECIALTIES

AIR PLANTS, JAPANESE, very popular.

ADIANTUM FRONDS, durable and can be used anywhere with entire satisfaction.

MAGNOLIA LEAVES, green and brown; very pleasing.

CYCAS LEAVES, our standard sets the pace for quality.

WHEAT SHEAVES, made in our own factory, from the best Italian Wheat.

BASKETS, in every conceivable style and in all sizes. Try a sample order.

Send for our Illustrated Catalogue of everything in Florists' Supplies.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

this season, but white ones fill the bill just the same.

That ever popular plant, Begonia Gloire de Lorraine, was just as popular as ever, and big batches of them looked as if a cyclone had swept through and cleaned out all the choice stock. Primula obconica was quite plentiful and a good many pans were disposed of. The same can be said of that old favorite, the cyclamen. Another good thing that sold at sight and is a splendid Christmas plant, though not much grown, is the dwarf pepper plant.

The growers here are beginning to awaken to the fact that as many plants can be sold at Christmas as at Easter, and they are adding a few more to the list each year. May the good work keep on.

Potted plants, however, have one big drawback, which was severely felt this year; that is, the wrapping. The weather man handed us a lemon. Thursday was cold and fair and plants and boxes were wrapped in from four to six papers, to keep the frost out. Friday turned a little warmer in the morning, but plants had to be wrapped carefully. In the afternoon we were treated to a little snow, which turned into sleet and then into rain. Then, to top things off right, it turned cold about 4 p. m. and froze the whole mess, and it being too late to have horses rough-shod, delivering was a burden that was hard to bear. Christmas morning the streets were covered with about one inch of ice. The stores could not get the stock delivered on time and a number of complaints were heard.

Cut flowers were in good supply, with the regular Christmas prices. Poinsettias sold at from $3 to $6 per dozen and a good many were disposed of. The top price for Beauties was $20, the lowest $8 per dozen. Good Richmonds sold at $6 per dozen. Killarneys and other roses sold at from $3 to $6 per dozen. Violets were in good demand; the singles brought $3, while the doubles sold at $4 per hundred. Valley cleaned up at $1 per dozen, sweet peas at $4 per hundred, narcissi at 75 cents per dozen, and Romans the same. Good bouvardias sold at $1.50 per dozen, but the supply was quite short. Red carnations sold at $2 per dozen and other kinds at $1 and $1.50 per dozen. A few white mums were sold at $3 and $4 per dozen.

Other cut flowers and greens were in good supply. Holly was a little short and the quality was nothing extra. Quantities of winter berries were sold.

K. R.

Chiffons, Taffeta and Satin Taffeta Ribbons

That contain the utmost value for your money. **Narrow, medium and wide widths.**

WRITE FOR SAMPLES

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

NEW YORK.

The Market.

The weather for Christmas week could not have been improved if made to order. Right up to noon of Christmas day deliveries of plants were made without wrapping. Then came the snow storm, increasing at night to a blizzard. Drifts everywhere and stalled trains and delayed mails and shipments followed in its wake. In the wholesale cut flower market the accumulated cuttings of three days were arriving December 27. One firm received forty-four boxes of roses Monday morning. This is only the straw showing which way the wind was blowing. With the left-overs from the Christmas shipments, a slump in prices to about half the rates of the holiday was inevitable.

Few Christmas Beauties sold above the dollar mark, and these were the extra selected stock. Now they are down to 75 cents, and before the end of the week few will sell at this, unless the supply greatly decreases. Philadelphia is making this what one wholesaler called a dumping ground for its surplus. The best Richmonds brought 40 cents to 50 cents December 24. Three days later they went at 25 cents. Killarney, too, has fallen and 20 cents last week would have been a fairer average top. The shipments of this variety are enormous. Maid and Bride seldom sold above 12 cents. This week they will sell at 8 cents, and 10 cents will seem high enough for the Saturday New Year's celebration, which in late years has seldom been better than a good Saturday at its best. No special preparations are made for the New Year festival.

Few carnations sold above 10 cents, except the red varieties and the novelties, which are down already to 8 cents and 6 cents, and which will hold there for the week if the snow storms are over. Orchids are again abundant and 50 cents to 75 cents will be the limit. Cypripediums go slowly at 12 cents. The quality is above reproach. There are more growers than ever in this vicinity.

Violets held well, and $1 to $1.25 was realized for the special bunches of 100 at Christmas. The supply was enormous, however, and the left-over stock was going to the street men early this week at low rates. The fresh stock arriving every evening, however, should stay close to $1 per hundred, no matter how large the shipments.

The splendid weather last week was especially helpful to the growers. A few of them shipped their entire cut each morning, but many of them sent only



KENNICOTT BROS. CO.

WHOLESALE FLORISTS

48-50 Wabash Ave.

CHICAGO, ILL.

LONG DISTANCE TELEPHONE, CENTRAL 466

We can supply absolutely everything that is to be had in the Chicago market ---and often we can supply when stock is to be had nowhere else.

There is a saying among the Florists of Chicago and the West:—
"When you are stuck, go to Kennicott's; you can get it there."

We sell at wholesale only and—all stock is billed at Chicago market rates day of shipment

Send Your New Year's Order Here

Mention The Review when you write.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.



New Reduced Price List

	Per doz.	100
To fit 4-in. pots.	$1.00	$ 7.00
To fit 5-in. pots.	1.10	8.00
To fit 6-in. pots.	1.20	9.00
To fit 7-in. pots.	1.35	10.00
To fit 8-in. pots.	1.60	12.00
To fit 9-in. pots.	1.85	14.00
To fit 10-in. pots.	2.10	16.00
To fit 12-in. pots.	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.

W. H. GREVER, Manager

146 Hughes Avenue, BUFFALO, N. Y.

Mention The Review when you write.

limited shipments and held great quantities for Friday. Hence the avalanche and its inevitable result. If these men would ever learn common-sense methods and would stop this infernal pickling, everybody—grower, wholesaler and retailer—would be satisfied. But the selling of blooming plants, baskets, hampers and boxes of beautiful plant combinations continues to grow in volume every holiday, and will continue until the curse of delayed shipments and pickling is at an end. Even the honest growers, who do ship their full cutting daily, are injured beyond computation by this idiotic and oft-repeated scheme to realize high prices; wholesalers and retailers are both handicapped seriously.

The plantsmen and the retail distributors of plants had the Christmas of their lives, however, and were practically sold out by Christmas eve. Deliveries continued all through the night. Nearly every wholesale cut flower store was open until morning. After midnight the buyers were numerous and lunches and coffee were served the employees and visitors by Traendly & Schenck and many other prominent wholesalers.

Various Notes.

John Young, of Bedford, was an interested visitor and apparently the happiest of the crowd, with his big cut of Beauties. Mr. Young has opened an office in the Childs building on West Thirty-fourth street, and on the door it reads, "Office of the New York Florists' Club." Mr. Young says it means just what it says, and that any member of the club is welcome to its conveniences at any time.

As a sample of how the millionaires purchase plant combinations for Christmas gifts, one of them left an order for these baskets that aggregated $1,800—one order, remember, and to only twenty friends, an average to each of $90.

January 10 the Florists' Club will hold its meeting, an important one, as the year's committees will be appointed and the new officers will orate and special exhibits will be made. There should be a large attendance. The club retains its rooms in the Grand Opera House building.

The Aphine Mfg. Co. is now the name of the insecticide enterprise with headquarters at Madison, N. J., under the management of M. C. Ebel. After New Year's, Boston, Philadelphia and Chicago will have public demonstrations of its efficiency.

The Wilson-Hoyt Co. has opened an office in the Metropolitan building, at 1 Madison avenue. H. H. Hasse, the secretary of the company, is in charge.

Charles Weber, of Lynbrook, is much enthused over the reception given his new pink carnation, and is arranging to put it on the market. It will compete for the honors at the Pittsburg meeting.

August Millang handled a large assortment of blooming plants last week, and cut orchids from Ordonez Bros., of Madison.

The raffle of Manager Jackson, of the Cut Flower Exchange, in the Coogan building, Friday, December 24, for two big turkeys, resulted in landing C. Bonnet and C. Smith, the wholesalers, as the lucky winners out of 100 aspirants.

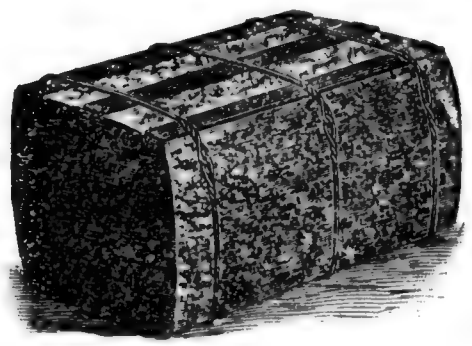
The Christmas valley of W. H. Siebrecht, of Chappaqua and Astoria, was as perfect as any that ever reached the New York market.

The big plant houses are adding auto trucks to their conveniences. Both the large growers at Rutherford have them, and the retailers are leaning fast to auto methods of service, Myer, of Madison avenue, being the latest to add the rapid transit facilities.

A. T. Bunyard reports rapid progress in his new store.

The firm known as the Boston Florist, at Thirty-fourth street and Lexington avenue, will open a branch store next

SPECIAL STOCK MOSS



The New Jersey Moss & Peat Co.

Established 1890 **BARNEGAT, N. J.** IRVING PREDMORE, Prop.

Wholesale and Retail Dealers in . . . **MOSS and PEAT**

This is what you see, 20,000 bales like sample, on hand for 1910.

We take pleasure in submitting this list, which we trust you will take time to read and be benefited by it. We have been in this business for the past nineteen years, so in dealing with us you are sure of getting the benefit of our nineteen years' experience in this line.

WE QUOTE MOSS AT THE FOLLOWING PRICES:

NATURAL GROWTH MOSS

Bales of 5 barrels.....$2.25 Bales of 10 barrels $4.25
This grade is for fine design work.

SELECTED STOCK MOSS

Bales of 5 barrels.....$2.60 Bales of 10 barrels.....$5.00
This grade is for very fine design work and special occasions. For Nursery Stock Moss please write for prices. Cash with order we will allow 6 per cent off.

LEAF MOLD, FIBROUS AND ROTTED PEAT

We name the following prices per one barrel sacks.

Lots of 1 to 5 sacks at $1.00 10 sacks at...80c 20 sacks at...70c
5 sacks at..... .90 15 sacks at...75c 25 sacks at...65c

GREEN CLUMP MOSS, Per Sack

1 to 5 sacks.....$1.50 5 sacks $1.25
10 sacks..... 1.12 20 sacks..... 1.00

SILVER SAND, Per Barrel

1 to 5 barrels.....$1.75 5 barrels $1.50
10 barrels.....$1.25 20 barrels.....$1.12 25 barrels.....$1.00

HONORABLE MENTION

Society of American Florists. This is to certify that IRVING PREDMORE is entitled to HONORABLE MENTION for having clean and well packed SPHAGNUM MOSS and PEAT. Exhibited at Cleveland, Ohio, August 18 to 21, 1896. William Scott, President. Wm. J. Stewart, Secretary.
Orders received and filed for future shipments as requested.

SPECIAL OFFER

Enclose this Coupon with cash and you may have your choice of these Special Offers.

	Natural Growth.	Selected Stock.
1 Ten Barrel Bale for	$ 3.90	$ 4.50
2 " " " "	7.75	8.75
3 " " " "	11.50	13.50
6 " " " "	22.50	25.50
10 " " " "	37 00	40.00
15 " " " "	54.00	60 00
20 " " " "	70.00	75.00

This offer will expire on March 1, 1910.

THE NEW JERSEY MOSS & PEAT CO.

Reference: R. & J. Farquhar & Co., Boston, Mass. Geo. M. Stumpp, New York, N. Y. Hoopes, Brother & Thomas, West Chester, Pa.

week on Fifth avenue, near the corner of Forty-second street. This will make five retail stores so close to each other that they can shake hands.

Many Hollanders are arriving. Prepare for the annual visitations. They scent the good times ahead and are going to have a hand in the melon cutting.

H. McKay Twombly, of Madison, the millionaire, is hopelessly ill and his death is momentarily expected. His is the estate where great landscape effects are being completed under the direction of Arthur Herrington.

John Muff is assistant florist to Mr. Meikeljohn at the Cafe De l'Opera, Forty-second street and Broadway, the most magnificently fitted up and decorated restaurant in the world.

A. B. Hirtenstein, formerly with A. J. Guttman, is now in the service of the Growers' Cut Flower Co.

George Hildenbrand, for many years with John Young in the wholesale business, has opened a retail store at One Hundred and Thirty-seventh street and Broadway.

M. A. Bowe sent out a handsome announcement to hundreds of patrons that helped to make his Christmas, he says, the best on record.

The funeral of Little Tim Sullivan Friday, December 24, used an enormous quantity of flowers, sixteen coaches being filled with them, at this, the largest political funeral New York has ever seen. J. J. Foley and A. Le Moult and all the downtown florists were overwhelmed with orders.

FERNS and GALAX New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

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Bowling.

Two of the Astoria games last week follow:

Player.	1st.	2d.
Siebrecht, Sr.	175	155
Donaldson, Sr.	134	138
Miesem	212	155
Smith	179	166
Jacobson	148	132
Siebrecht, Jr.	120	141
Shaw	113	120
Aichman	117	148
Berry	116	113
Lorenz	132	165
Donaldson, Jr.	152	154
Siebrecht, H.	137	140
Bleckwen	152	101
Doerhoefer	156	178
Arnold	116	165
Boese	146	129

J. Austin Shaw.

DES MOINES, IA.

The Market.

Christmas business, on the whole, was better than last year, and would undoubtedly have been much better had the weather been good. Thursday night it began to snow and continued until Christmas morning, with the temperature around zero. Christmas morning found us with twelve and one-half inches of snow on the level, and there were drifts in places six feet high. All street

For High Grade

Southern Wild Smilax

on short notice, write or wire

R. A. LEE & CO., Hatcher Station, Ga.

Mention The Review when you write.

WILD SMILAX 50-lb. crates. One case to carload lots. Write

WM. MURPHY, 311 Main Street, CINCINNATI, O.

for special quotations.

Mention The Review when you write.

cars were put out of commission, and it was almost impossible to get a wagon through the streets. This caused all kinds of trouble in making deliveries. Besides, as people could not get downtown, there was a loss in the transient trade usually picked up on Christmas morning.

Various Notes.

The Guthrie-Lorenz Co. reports selling out clean, with trade twenty per cent ahead of last year. In plants the call was for poinsettias, azaleas and primroses. In cut flowers the call was principally for red roses, carnations and poinsettias.

Lozier's reports a good trade and not a flower left by 12 o'clock.

The Des Moines Floral Co. reports a splendid business in the new store, where a great many violets, carnations and roses were sold.

The Alpha Floral Co. reports the Christmas trade about the same as last year, with a big demand for Richmond, Killarney, carnations and violets. Blooming plants sold better than last year, the

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000..... 5.00

Boxwood
Per bunch.....25c Per case of 50 lbs.. 7.50

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$7.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle. 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.50 Per 50 lb. case.. 5.00

SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, WHOLESALE COMMISSION FLORIST, 34-36 East Third Street, **Cincinnati, Ohio**

Mention The Review when you write.

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green, regular sizes.....$0.50 per 1000
Galax, green, violet size, 2 to 2½ inches..... .40 "
Galax, bronze, regular sizes..... .50 "
Galax, bronze, 2 to 3 inches..... .40 "
Ferns, dagger and fancy..... 1.00 "
Green Leucothoe Sprays, regular lengths..... 2.00 "
Green Leucothoe Sprays, 10 to 15 inches..... 1.00 "
Special prices on lots of 100,000 and up.

Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $3.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.
Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

Mention The Review when you write.

HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS



CUT FLOWERS OF ALL KINDS



Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $7.50 per 10,000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays, Leucothoe Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.

15 Province St., and 9 Chapman Place, **BOSTON, MASS**

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods





Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss

All orders filled promptly. **BANNERS ELK, N. C.**

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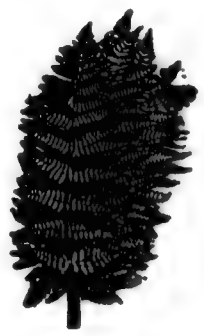
Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Mention The Review when you write.

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.50. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



Mention The Review when you write.

call being for azaleas, poinsettias, Lorraine begonias and cyclamens.

The Rush Floral Co. had a good trade in both cut stock and flowering plants. They disposed of a great many cut poinsettias and carnations.

William Trillow reports cash sales below last year, for which he blames the stormy weather, but his gross business was twenty per cent ahead of last year. Mr. Trillow does a large cemetery trade, as he is situated across the street from Woodland cemetery, and if the weather had been fine he would have sold many more wreaths and bunches for graves.

The Iowa Seed Co. reports a big business in holly, greens and mistletoe. In Christmas trees they could have sold another carload. In the flower department they did a rushing business, with all hands working overtime. Mr. Riley, the manager, had one of the prettiest window decorations in town.

The J. S. Wilson Floral Co. did a rushing business, both in blooming plants and cut flowers. The principal call was for azaleas, poinsettias, Lorraine begonias, cyclamens and primroses, in the order named. In cut flowers, Richmond and Killarney roses and O. P. Bassett and Lawson carnations had the call, with a heavy demand also for poinsettias. The gross Christmas business was fifty-five per cent ahead of last year.

Julius Ledig met with a serious misfortune about ten days before Christmas, in the loss of his entire greenhouse stock. There was a leak in the main gas pipe in the street, and the gas penetrated into the greenhouses, causing the leaves to drop off all the plants and killing all the carnation buds, Romans and Paper Whites. This practically left him without a flower for Christmas. Mr. Ledig has had a number of Des Moines florists appraise his damages, which amount to about $1,000. We hope he will be able to settle with the gas company without a suit. BOOSTER.

DOUGLAS, WYO.—H. Adam Loucks has consolidated his flower business with the business of the Sheridan Music Co. In future the firm name will be the Sheridan Music & Floral Co.

WASHINGTON, D. C.—Albert F. Woods, assistant chief of the Bureau of Plant Industry and Pathologist of the Department of Agriculture, has tendered his resignation to accept the position of dean of the Agricultural College and director of the Experimental Station at Minneapolis, Minn. Mr. Woods will start in with his new duties February 1.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

Mention The Review when you write.

THE KERVAN CO.

113 W. 28th St., NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

P. G. GIANNOPULOS & CO.

Wholesale dealers in



DAGGER FERNS, GALAX,

Princess Pine, Laurel Leaves, Sprays, Etc.

New Haven, Conn.

Mention The Review when you write.

WILD SMILAX 50-lb. crates. One case to carload lots. Write

WM. MURPHY, 311 Main Street, CINCINNATI, O.

for special quotations.

Mention The Review when you write.

Southern Wild Smilax Ferns, Pines, Palms, Holly

Louisville Floral Co., Louisville, Ala.

Mention The Review when you write.

J. P. PRESNELL & CO.



Wholesale and retail dealers in Decorative Evergreens.

Watauga Falls, N. C.

Fancy Ferns, 75c; Dagger Ferns, 75c; Sprays, 25c to $2; Green Galax, 45c; Bronze Galax, 40c.



Give us at least a trial order. Cash with first order or reference and time to investigate. J. P. Presnell & Co.

Mention The Review when you write.

Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.

EVERGREEN, ALA.

Mention The Review when you write.

JANESVILLE, WIS.—Edward Amerpohl has a number of ferns that he considers better than Amerpohlii, but not sufficiently distinct to warrant putting them on the market.

KANKAKEE, ILL.—E. F. Ingham is making arrangements to conduct a business in flowers and plants at the office of the Taylor Coal Chute Co., in the Chritzman building, 126 North Main street.

SALEM, OHIO.

Christmas trade was good. Cut flowers were fully up to former years, and the blooming plant trade was far ahead of any year.

Joseph Bonsall, who has been in the flower business for over thirty years, says that there has never been the demand or the volume of business that there was this year.

John W. Scott, of Lisbon, O., reports that this year's business has set a new high-water mark in total sales. He has just finished a new greenhouse, 15x70, which he will plant to smilax.

V. A. Cowgill has just finished the building of six new houses, consisting of three carnation houses, one smilax house, a propagating and a forcing house; all of them combined contain about 16,000 square feet. This makes this entire place new in the last three years, with the exception of about 2,000 feet, and the place now consists of 40,000 square feet. In addition to the above, Mr. Cowgill has leased the rose houses of J. E. Bonsall, embracing about 38,000 square feet of glass, and these, in addition to his own rose house, 30x250, will mean a large number of Kaiserin roses. V. A. C.

OCONTO, WIS.—Joseph Sylvester says the wholesale plant trade for Christmas has been about as usual; no surplus of flowering plants of any kind.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—A first-class all-round grower, especially of palms, desires a position; excellent references as to character and ability; married. Address No. **97,** care Florists' Review, Chicago.

SITUATION WANTED—By florist (Scotsman), 24, with commercial firm; honest, upright, sober, obliging; a hustler; good grower; first-class references. Address No. **105,** care Florists' Review, Chicago.

SITUATION WANTED—By young man, experienced grower, to learn designing and decorating in or around Chicago; excellent habits; please state full particulars. Address No. **108,** care Florists' Review, Chicago.

SITUATION WANTED—As assistant gardener on a private place; has 5 years' experience and good references as to being honest and sober; start any time after January 1. Address No. **102,** care Florists' Review, Chicago.

SITUATION WANTED—By young man, German, thoroughly experienced gardener, to take charge of private place; willing and obliging; good references from former employers. Address No **96,** care Florists' Review, Chicago.

SITUATION WANTED—Young married man, 28 years, life experience in all branches of the florist business, capable of taking charge, would like position in or near Chicago; best of references. Address No. **107,** care Florists' Review, Chicago.

SITUATION WANTED—By middle-aged German gardener and florist, experienced in carnations, chrysanthemums, pot and bedding planting, also vegetables under glass and general greenhouse work; small retail place preferred. Address R. Heineman, 502 Phipps Power Bldg. Pittsburg, Pa.

HELP WANTED—A good man for ferns, azaleas, mums and general greenhouse work; wages $15.00 a week. Address No. **103,** care Florists' Review, Chicago.

HELP WANTED—Two good all-round greenhouse men to work under foreman where cut flowers and plants are grown for our retail stores; married men preferred; can furnish houses or suites of rooms for our men from eight dollars up per month; state wages wanted and copy of your recommendation from your last place in your first letter; none but sober, good, honest, willing workmen of steady habits need apply. Address The Brown Floral Co., 1409 W. Tusc. St., Canton, Ohio.

HELP WANTED—Storeman; an up-to-date man of experience as salesman and decorator; of good habits and capable of managing city store of a growing concern; state experience, references and salary expected in first letter. The L. C. Hecock Floral Co., Elyria, Ohio.

HELP WANTED—At once; a good all-round greenhouse man to grow carnations, mums, pot plants, ferns and palms; a good designer; not afraid to work, sober and reliable; to take charge when needed; must have good manners and be clean about his work; $35.00, board and room per month to start. Apply to Nussbaumer Floral Co., San Angelo, Texas.

HELP WANTED—At once, a middle-aged man who has had experience in growing roses, carnations and general line of bedding plants; must also have some knowledge of leading shrubs and perennials, and capable to assist in waiting on refined trade; a sober, intelligent, industrious man, possessing the above qualities, can have a good position with opportunity for advancement; furnish reference and salary expected without board; this position is in the South. Address No. **98,** care Florists' Review, Chicago.

PARTNERS WANTED—The advertiser has a business established on a firm basis; too much for one man to look after and push properly; with three good practical men to join me, we should soon be doing big things; so I have decided to form a company of practical men, to incorporate; one should be an all-round indoor man, a good general grower; another should be an all-round outdoor man, nurseryman, gardener and florist; the third should be an up-to-date store man; each of these should have a few hundred dollars to invest in the corporation, to give them a real practical interest in the business and make them push it; location is in a first-class city of 70,000 in western Pennsylvania, establishment located just outside the city limits on car line near large cemetery; no other nursery here; purpose opening store in the city in the spring; splendid opportunity for the right men. Address No. **86,** care Florists' Review, Chicago.

FOR SALE—Greenhouse conservatory and garden of three acres of as good land as there is in Illinois: new good buildings. Address No. **91,** care Florists' Review, Chicago.

FOR SALE OR RENT—Five acres land, large greenhouse, dwelling, poultry house for 1,000 chickens, barn and outhouses, offered whole or divided; steam heat for more houses. Address No. **99,** care Florists' Review, Chicago.

FOR SALE—An interest in a profitable retail business in a large southern town; party must furnish best of references and be competent to do design work, making up, and decorating, and take general charge of store; none but reliable party with capital to invest need reply. Address No. **100,** care Florists' Review, Chicago.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors 11-ft high, 14-ft. long, 6 ft. wide, price $275 00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass. price f.o.b. Pittsburg, $140.00. A W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—For $12,000, The North Boulder Greenhouses, of about 7.000 ft. glass; hot water heat, store, cut flower cellar, hotbed sash, small dwelling, barn, horse, wagons, tools and stock in first-class condition: 5 lots, each 140x50 frontage, 250 ft. on main thoroughfare; 6½ blocks from court house and center of city of 12,000 inhabitants; state-preparatory school (500 students); state university (about 1,000 students), now having $500 000 worth of new buildings under construction; fine churches; excellent hotels; Colorado sanitarium; best climate; the 5 lots will in a few years be worth all I ask for the place; owner started here 8 years ago with $300 capital. For further particulars address S. Knudsen, Boulder, Colo.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13 000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways; orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. **84,** care Florists' Review, Chicago.

Situation Wanted

By the 1st of January or later, by reliable and experienced florist and gardener, single, 34 years; first-class references furnished; please state particulars. Address No. **79,** care Florists' Review Chicago.

WANTED

Experienced seed salesman; state age, experience and salary expected. J. E. Farrington Seed House, Chickasha, Okla.

SITUATION WANTED

By a grower of ornamental nursery stock; Hollander, single; 14 years' experience in growing roses, shrubs, etc.; wants position as foreman; also willing to work in a good florist business where roses, carnations, etc., are grown; good reference; state full particulars in first letter; open for engagement at once. Address No. **106,** care Florists' Review, Chicago.

CARNATION SPECIALIST

One of the most successful in America, very prominent winner of first prizes in the last few years at New York, Chicago, Philadelphia, Toronto, Washington, National Flower Show and others; highest recommendations as to character and all-round abilities from the leading carnation firms in both eastern and western states; would like to correspond with a live, up-to-date firm, who appreciates having stock second to none.

Address No. **104,** care Florists' Review, Chicago.

Designer and Decorator

Swiss, 26 years, A-1 designer and decorator, speaking English, French and German, wants steady position in first-class retail store; reasonable wages for the start. Address care Florist, 241 E. 39th Street, New York, N. Y.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. **48,** care Florists' Review, Chicago.

A BUSINESS OPPORTUNITY

Wanted a partner with $5,000 or more and a good practical knowledge of the florists' business to take one-half interest in an established business, 15,000 feet of glass, with boiler capacity for as much more; also room for 50,000 feet more of glass, which could be made to pay big interest on investment, with a growing wholesale business which now exceeds by nearly half my present ability to produce; centrally located, four railroads and all express companies; all correspondence to be confidential. Address No. **53,** care Florists' Review, Chicago.

STORE AND RETAIL BUSINESS FOR SALE

A fully equipped and only store in town of 15,000 in New York State the entire good will and an established business for more than 15 years; business now $8,000 to $10,000 per year and can be much increased by a good live man; on account of poor health am willing to sell at a sacrifice and $3,000 will buy it. If you mean business

Address No. 81,
Care Florists' Review, Chicago.

For Sale!
A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address

No. 68, Care Florists' Review Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street — **Cable Address: ALEXCONNELL** — **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Flowers Delivered to All New England Points

Morse & Beals

Florists

8 Merrimack Sq., Lowell, Mass.

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2840 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

Iowa Seed Co., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

41 North Pearl St., • • ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Established 1886

Wire Us Write Us Phone Us

WE DELIVER ONLY

High Class Flowers

Ostertag Bros.

Both Long Distance Phones.

WASHINGTON AND JEFFERSON AVENUES, ST. LOUIS

Mention The Review when you write.

Sharkey Florist

Phone 5195 Madison Sq.

Late with Thos. Young, Jr.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Steamer and Theater Work My Specialty

Mention The Review when you write.

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

Mention The Review when you write.

GRAND RAPIDS.

The weather last week was wild and snowy, making good sleighing for Christmas. Although it was freezing and necessitated careful wrapping of every plant sent out, it was not unusually cold. Red carnations were scarce and in good demand, as were also red roses.

All flowers sold well, with the carnations in the lead. Roses, Romans, Paper Whites and particularly violets were sold out close. Many more violets could have been sold had they been procurable. The supply was fine, but the demand was greater.

In plants, this year, the azaleas seemed to lead and the supply was soon exhausted. Poinsettias were scarce and of course sold out close and a great many palms and ferns were sold, as well as Romans in pans and cyclamen plants.

In Christmas greens, holly led and

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

W. A. Hammond

RICHMOND, VA.

Prompt shipment to all points in Virginia, North Carolina and other states

200,000 feet of glass to Cut Flowers

The West View Floral Co.

105 Peachtree St., Atlanta, Ga.

Choice Flowers Rare Plants

For All Occasions

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones 4025-4026, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union **Established 1874**

WARENDORFF

NEW YORK CITY.

The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.

FLORISTS

COVER ALL OHIO POINTS

114 N. High St., COLUMBUS, OHIO

JULIUS BAER

138-140 E. Fourth St.
Long Distance Phone
Cincinnati, Ohio.

Seattle and Coast

Orders Carefully Filled

Graff's Flower Shop
923 1st Ave., Seattle, Wash.

LINCOLN, NEB. CHAPIN BROS.

Retail Florists

Flowers for all occasions, from cradle to grave.

E. O. LOVELL GRAND FORKS

Will give prompt attention to all orders for delivery in North Dakota

MOBILE, ALABAMA

The Minge Floral Co.

The Anderson Floral Co.

ANDERSON

533 Marshall Ave., SOUTH CAROLINA

TERRE HAUTE, IND.

JOHN G. HEINL & SON, 129 South 7th Street

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

BERTERMANN BROS. CO.

LEADING FLORISTS

241 Massachusetts Ave., Indianapolis, Ind.

Orders for North Carolina promptly attended to by

J. VAN LINDLEY NURSERY CO.

Te. Office, Greensboro **POMONA, N. C.**

Washington, D. C.

Blackistone

Also 1601 Eutaw Place, Baltimore, Md.

14th and H Streets

CLEVELAND

..The..
J. M. Gasser Company
EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

Washington, D. C.

Marche & Co.

Reliable House. Write, Wire or Phone.

14th and H Sts.

The Flower Shop

136 West 42nd Street

Telephone 259 Bryant **New York**

In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

SATISFACTION GUARANTEED

THE SMART SET FLORAL CO.

Broadway and 83rd Street
NEW YORK

Telephone 1790 Riverside.

Prompt and personal attention given your orders by expert artists.

large quantities were used. One firm, the A. J. Brown Seed Co., had about 100 girls making wreaths for about ten days and using hundreds of cases of holly, all of which sold out close. It is getting so that every house in town must have a wreath in every prominent window, and that takes a few wreaths and then some. Green wreathing and laurel were used to some extent, but not to the extent of former years.

As a whole, business was about the same as last year, and quite satisfactory. Shipping orders, at the start, came in rather slowly, but the last three days before Christmas they came with a rush and cleaned up the market in great shape. The demand for red is a steady feature with Christmas, and it seems that

JOHN WOLF

SAVANNAH, GA.

Wholesale and Retail **Florist**

Canada's Florist

Dunlop's

96 Yonge St., TORONTO

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will Take Proper Care of Your Orders in **WISCONSIN**

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

WILLIAM J. SMYTH

FLORIST **Cor. Michigan Ave. and 31st St., Chicago**

We ship to all points in Illinois and Iowa.

PHONES:

Douglas 744, Douglas 523, Douglas 740

ADVANCE FLORAL CO., Five Phones

C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, **DAYTON, O.**

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

Louisville, Ky.

JACOB SCHULZ, 550 So. Fourth Ave.

A. C. BROWN, SPRINGFIELD, ILL.

LARGE GREENHOUSES

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

"Where Quality is Paramount."

Ellison Floral Co

Both Phones. 4511-13 Olive St., ST. LOUIS

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph.

All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

906 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by

George H. Berke

1505 Pacific Ave.

Write, Wire or Phone Your Orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

J. W. WOLFSKILL

FLORIST

Telegraph Orders a Specialty.

218 W. 4th St. LOS ANGELES, CAL.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

GEO. A. HEINL, LEADING FLORIST, TOLEDO, OHIO

ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON

CLARKE BROS. 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

BUFFALO

S. A. ANDERSON

440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO. 171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

Theresa Badaracco

Art Florist ST. LOUIS, MO.

Minneapolis Floral Co., Wholesale and Retail Florists

MINNEAPOLIS, MINN.

Funeral designs on short notice. One of the largest establishments west of Chicago.

more red carnations could, or should, be planted to meet the increasing demand.

G. F. C.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Laurentic	New York	Liverpool	Jan. 1
St. Paul	New York	S'hampton	Jan. 1
Merion	Philadelphia	Liverpool	Jan. 1
Furnessia	New York	Glasgow	Jan. 1
Ponce	New York	Porto Rico	Jan. 1
K. Wm. II	New York	Bremen	Jan. 4
Umbria	New York	Liverpool	Jan. 5
Vaderland	New York	Antwerp	Jan. 5
Cedric	New York	Italy	Jan. 5
Chemnitz	New York	Bremen	Jan. 6
La Bretagne	New York	Havre	Jan. 6
Korea	S. Francisco	Hongkong	Jan. 7
Caledonia	New York	Glasgow	Jan. 8
Barbarossa	New York	Genoa	Jan. 8
Thames	New York	Jamaica	Jan. 8
Caronia	New York	Egypt	Jan. 8
Corrientes	New York	Brazil	Jan. 10
Adriatic	New York	S'hampton	Jan. 12
Alice	New York	Italy	Jan. 12
Friesland	Philadelphia	Liverpool	Jan. 15
Romanic	New York	Italy	Jan. 15
Friedrich Wm.	New York	Bremen	Jan. 18
Nippon Maru	S. Francisco	Hongkong	Jan. 18
Shinano Maru	Seattle	Hongkong	Jan. 18
Lusitania	New York	Liverpool	Jan. 19
Oceania	New York	Italy	Jan. 19
Baltic	New York	Liverpool	Jan. 22
California	New York	Glasgow	Jan. 22
Clyde	New York	Jamaica	Jan. 22
Carmania	New York	Egypt	Jan. 22
Kronprinz Wm.	New York	Bremen	Jan. 25
Siberia	S. Francisco	Manila	Jan. 25
Grecian Pr.	New York	Brazil	Jan. 25
Campania	New York	Liverpool	Jan. 26
Argentina	New York	Italy	Jan. 26
Moana	Vancouver	Australia	Jan. 28

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" "	West View Floral Co.
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Baltimore, Md.	Blackistone, Z. D.
" "	Fiedler & Co., A. G.
Battle Creek, Mich.	Fisher Co., H. A.
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" "	Masur, S.
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Cleveland, O.	Cleveland Cut Flower Co.
" "	Gasser Co., J. M.
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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE German seeds are beginning to arrive in considerable quantity.

WORD comes from Japan that auratums are scarce in that country.

EVERY mail since Christmas has brought a couple of general seed catalogues.

W. W. BARNARD, Chicago, spent Christmas at St. Petersburg, Fla. A. H. Goodwin, of the Barnard Co., is in France.

HENRY FISH, Carpenteria, Cal., built a new warehouse this season, equipped with all the modern machinery for handling beans.

THE Ohio Valley Seed Co., Evansville, Ind., has increased its capital stock from $10,000 to $25,000. H. J. Graf is president.

AN advance copy of Burpee's general catalogue for 1910, styled the New Annual, instead of the Farm Annual as in the past, reached the REVIEW December 23.

THE call for auratum bulbs has not been as brisk as some of the seed houses anticipated, and it looks as though the supply might be all that the market would take.

VALLEY PIPS.

On the Kaiserin Augusta Victoria, from Hamburg, reaching New York December 20, there were the following consignments of valley pips:

Consignee.	Cases.
Darrow, H. F.	90
McHutchison & Co.	20
Vaughan's Seed Store	42
To order	41
Total	193

WITH THE CANNERS.

At the joint meeting of the executive committee of the National Canners' Association and the executive committee of the Canning Machinery and Supplies Association in Chicago last week, the latter organization pledged its hearty support to the national convention of 1910, to be held the second week in February at Atlantic City, N. J., and also reaffirmed its decision to hold no exhibit of canning machinery at that

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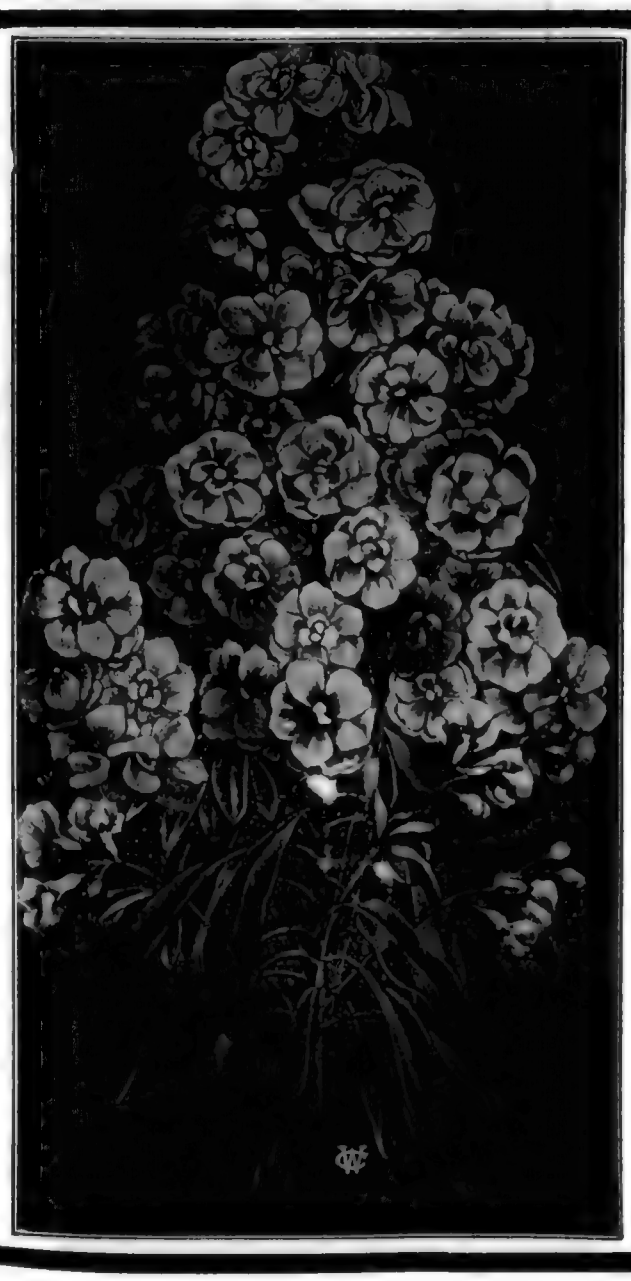
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Golden Ball—Canary Yellow
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This new kind has the same good qualities as the above mentioned novelty. The flowers are very large, snow white and are splendid as cut flowers and for sale on the market. 1 package, 15c; 1000 seeds, 50c; ¼ oz., $1.50; 1 oz., $5.00.

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Produces panicles of great length, bright and blood red; the flowers are gigantic. Great novelty. Fine for cut flowers. 1 package, 15c; 1000 seeds, 65c.

Summer Stocks Himmelsauge (Eye of the Sky).

Belonging to the dwarf class; novelty; wonderful light blue color; the best for pot culture; produces from 80% to 85% double flowers. 1000 seeds, 30c; ¼ oz., 90c.

Dresden Summer Stocks, with large Blossoms and Everblooming.

Best for cut flowers. 1, apple blossom; 2, dark blue; 3, light blue; 4 flesh colored; 5, dark blood red; 6, chamois; 7, soft rose; 8, purple carmine; 9, red brown; 10, crimson; 11, canary yellow; 12, snow white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. Sample package, all colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

Erfurt Summer Stocks, with Large Blossoms; Best for Groups.

1, brilliant rose; 2, carmine; 3, crimson; 4, dark violet; 5, dark blood red; 6, flesh colored; 7, canary yellow; 8, light blue; 9, aurora colored; 10, pure white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. Sample package, all colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

English Summer Stocks De Luxe Mixture, Seeds from the Open Ground.

¼ oz., 35c; 1 oz., $1.10.

Please Send Cash With Orders.

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time. Publicity for canned goods will be the principal theme at the Atlantic City convention.

Promoters are at work on a plan to bring together the Canadian canneries with a view to forming a merger of the industry. It appears that at present the Canadian Canners, Limited, with headquarters at Hamilton, controls between thirty and thirty-five canning companies. There are fifty-one independent canners in the country, distributed between Montreal and British Columbia.

"It is of course too early to predict what the canning season will bring forth for next year," said a well known operator in canned goods. "The corn pack has been much reduced this year on account of weather conditions, and it is understood that the acreage for vegetables for canning purposes will be large for next year, so that if the crops are good there should certainly be a large pack for 1910."

The price of packers' cans was reduced last week to a point where cans are cheaper today than for three years.

SEEDING OF WAVED SWEET PEAS.

[A synopsis of a paper by William Cuthbertson, of Dobbie & Co., Mark's Tey, England, read at the conference of the National Sweet Pea Society in London, England, December 10, 1909.]

Those of you who remember the story of "The Vicar of Wakefield" will remember how smoothly ran the career of the family until the eldest son left Oxford and the elder daughter came to a marriageable age. You will remember the loss of the vicar's fortune and the other remarkable adversities which followed in its train—the selling of the horse by Moses for £3 5s 2d, which, instead of bringing home in cash, Moses (who was the second son of the family) converted, at the instigation of a sharper, into "a gross of green spectacles."

Now, for 200 years the career of the sweet pea ran its course as unperturbed as did the family life of the vicar of Wakefield at first. But we are now embarked on trying times and all our troubles date from the advent of Cole's Countess Spencer, but I am sure we can follow the simile of "The Vicar of Wakefield" a little farther. The story ends as all good stories ought to end—most of the characters got married and lived happily ever afterward. I am sure something good is also in store for us sweet pea growers. Out of our troubles our flower will emerge like gold from the furnace of the refiner.

Certainties and Uncertainties.

In the early days we dealt with certainties. In these days we deal with uncertainties. Speaking of certainties reminds me of a visit I once paid to my friend R. Sydenham. He took down a great volume in which he had entered up for years all the sweet peas he had sent to be grown in America, and with that exactitude for which he is famous, he had scheduled the produce of every seed sent. For example, he bought 100 packets of a novelty, and he knew almost to a pound how much seed he was going to get back and that it would be practically true. So did all of us. My firm's practice was to sow four ounces to 100 feet, and we knew what the produce would be in five seasons out of six. But all that is changed. We have entered on the "green spectacle" period.

Last season was altogether an abnormal one, and I am not, therefore, disposed to argue from the experience of it, but if we look at an average season I think you will agree with me if I put it that on an average the old type seeds ten times better than the Spencer type. Having said that, I have not said all, because a number of the finest Spencers are far below the average, and are nearer being twenty times worse seeders. Think of Etta Dyke and Dorothy Eckford—Clara Curtis and Mrs. Collier or James Grieve—The King and King Edward VII—Mrs. Chas. Foster and Lady Grisel Hamilton—Earl

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Wiboltt's Extra Early Dwarf Erfurt, at $8.00 per lb.; 5 lbs. at $7.00 per lb.
Wiboltt's Danish Giant, "Dry Weather," at $9.00 per lb.; 5 lbs. at $8.00 per lb.
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Remember you may deduct 5 per cent if cash accompanies order.

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Blue Perfection	.15	.50
Imperial Dwarf Blue	.10	.25
Imperial Dwarf White	.10	.25
Little Dorrit	.15	.50
Swanley Blue	.10	.25

Little Blue Star, trade pkt. 25c., 5 pkts. for $1.00.

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Large Mauve flowers; dwarf, compact, very free-flowering. A unique variety. Trade pkt. 10c., oz. 50c.

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A grand improvement on Little Gem, being much more compact; grand for bedding. Trade pkt. 25c., oz. $1.

	Trade pkt.	Oz.	Lb.
Little Gem, dwarf, best for pots	$0.10	$0.30	$3.50
Carpet of Snow, for hanging baskets and borders	.10	.25	
Sweet (the old variety)	.10	.15	1.25

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Light Blue	.20	.60
Dark Blue	.20	.60
Crimson	.20	.60
Rose	.20	.60
Flesh-Color	.20	.60
Light Rose	.20	.60
Scarlet	.20	.60
Red-Lilac	.20	.60
Finest Mixed	.20	.60

BRANCHING ASTERS

Vick's Branching

	Trade pkt.	¼ oz.	Oz.
Crimson	$0.25	$0.35	$1.00
White	.25	.35	1.00
Purple	.25	.35	1.00
Violet	.25	.35	1.00
Rose	.25	.35	1.00

Carlson's Branching

	Trade pkt.	¼ oz.	Oz.
Lavender	$0.25	$0.35	$1.00

Semple's Branching

	Trade pkt.	¼ oz.	Oz.
Shell-Pink	$0.25	$0.35	$1.00
Upright White	.25	.35	1.00

Trade pkt. each of the collection of 8 varieties for $1.75.

BODDINGTON'S GIANT ANTIRRHINUM

(Height, 3 Feet)

	Trade pkt.	Oz.
Coral-Red. Striking color	$0.20	$0.60
Carmine. Splendid color	.20	.60
Daybreak. Light pink	.20	.60
Brilliant. Scarlet, golden yellow and white	.20	.60
Crescia. Dark scarlet	.20	.60
Queen Victoria. Pure white	.25	1.00
Luteum. Yellow	.20	.60
Firefly. Scarlet	.20	.60
Romeo. Deep rose	.20	.60
Lilacinum. Beautiful lilac	.20	.60
Mixed	.20	.50

BEGONIA

	Tr. pkt.
Erfordii. Carmine, ⅛ oz., $1.00	$0.25
Semperflorens	.25
Vernon grandiflora, ½ ft. A fine bedding sort, with rich red flowers and glossy bronze-red foliage	.25

CINERARIA

Cineraria maritima. 1½ ft. Trade pkt. 10c., oz 15c.

Cineraria maritima "Diamond." A vast improvement over the above. Foliage very white, leaves much serrated. Trade pkt. 50c., $2.00 per oz.

CENTAUREA

	Tr. pkt.	Oz.
Candidissima, 1000 seeds, 25c.		$1.00
Gymnocarpa, 1000 seeds, 15c.		.35

COBAEA

	Tr. pkt.	Oz.
Scandens. H. P. Blue	$0.10	$0.30
Alba. White	.20	.75

GREVILLEA ROBUSTA

	Tr. pkt.	Oz.
(Silk Oak)	$0.10	$0.50

LOBELIA

	Tr. pkt.	Oz.
Erinus gracilis. Trailing; light blue	$0.15	$0.40
Erinus speciosa. Deep blue; trailing	.15	.50
Crystal Palace compacta	.30	1.25
Emperor William compacta	.25	1.00

MIGNONETTE

Boddington's Majesty. The finest of all fancy varieties of Mignonette for under glass or pot culture. Seeds saved from select spikes under glass. Trade pkt., 60c; ⅛ oz., $1.00; oz., $7.50.

MYOSOTIS

	Tr. pkt.	Oz.
Eliza Fonrobert, excellent for pots, blue	$0.10	$0.50
Palustris Semperflorens, everblooming	.25	2.00

PETUNIAS

Boddington's Quality Double Fringed. Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size. ½ trade pkt., about 1000 seeds, 60c; trade pkt., about 2000 seeds. $1.

Boddington's Snowball, Double. The finest double; pure white, ½ trade pkt., 60c; trade pkt., $1.

BODDINGTON'S CENTURY PRIZE

Gigantic single flowers, having the edges deeply ruffled or fluted; fine substance, with deep white throats. Colors vary from pure white to dark purple-violet, many being beautifully striped or veined. ½ trade pkt., about 1000 seeds, 60c; trade pkt., about 2000 seeds, $1.

	Tr. pkt.
Boddington's Bar Harbor Beauty, Single. Color a beautiful rose	$0.25
Boddington's Ruffled Giants. A grand selection of single fringed Petunias	.50
Boddington's Inimitable Dwarf Compact Hybrids, Single. Flowers blotched and striped	.25

Petunias Con.—Boddington's Century Prize

	Tr. pkt.
Canary Bird. Medium size, finely fringed and curled borders; distinct yellow, which deepens in the throat. 5 pkts. $1.00.	$0.25
Emperor, Single. Large blossoms, distinct in form, coloring and marking. The solid colors are particularly rich and velvety; some of the crimson blossoms have pink stars, some pure white, while others are distinctly striped.	.50
Howard's Star. Rich crimson, with a distinct white star in center	.25
Rosy Morn. Soft carmine-pink	.25
Snowstorm. Pure single white	.25
Hybrida, Single Mixed, oz., 50c	.15

PYRETHRUM

	Tr. pkt.	Oz.
Aureum. (Golden Feather)	$0.10	$0.25
Selaginoides. Foliage finely serrated	.15	.50

SHAMROCK

	Tr. pkt.	Oz.
(True Irish). Small-leaved	$0.50	$1.50

½ trade pkt., 25c.

SALVIA

	Tr. pkt.	Oz.
Clara Bedman (Bonfire). 1½ feet	$0.25	$2.00
Splendens (Scarlet Sage)	.25	1.00
Splendens. Ball of Fire. Very dwarf and early	.25	3.50
Splendens, Little Lord Fauntleroy. Neat and compact, upright and free-flowering	.50	4.00
Splendens aucubaefolia (Silverspot). Dark green leaves, with light sulphur spots, resembling an aucuba, bright scarlet flower	.25	2.50
Splendens carminea (new). Splendid rose carmine. Dwarf	.50	
Splendens gigantea. Attains the enormous height of 7 feet, highly recommended for groups or as an individual specimen	.50	
Splendens pendula. Drooping spikes	.25	2.00
Splendens, Boddington's Miniature. Early, dwarf, 12 in. and very free-flowering; covered the whole summer with large flower spikes of rich scarlet	.50	
Splendens, Zurich	.50	5.00

QUALITY VERBENAS

	Tr. pkt.	Oz.
Boddington's Mammoth Hybrids. A strain of very vigorous growth, producing trusses of large flowers of brilliant and varied colors. Mixed	$0.25	$1.00
Boddington's Mammoth Auricula-flowered. Large flowers with distinct white eye	.25	1.00
Boddington's Mammoth Blue	.25	1.00
Boddington's Mammoth Pink	.25	1.00
Boddington's Mammoth Scarlet Defiance. The finest scarlet sort	.25	1.00
Boddington's White (Candidissima). Pure White	.25	1.00
Boddington's Striped. Many colors	.25	1.00
Lemon (Aloysia citriodora)	.25	1.50

VINCA

	Tr. pkt.	Oz.
Alba. White	$0.15	$0.50
Rosea. Rose	.15	.50
Rosea alba. Rose and white	.15	.50
Mixed	.10	.40

We are headquarters for Sweet Peas of every description. Our Wholesale Catalogue of **Quality** Seeds and Bulbs (ready January 1st), contains 52 pages of **Seeds and Bulbs you need.** **Write for it today—a postcard will fetch it.**

ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th Street NEW YORK CITY

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

just arrived. Our usual high grade quality. Also cold storage pips.

PRICES ON APPLICATION

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33 Barclay Street, through to 33 Park Place, NEW YORK.

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VALLEY

3-year HAMBURG

$11.00 per 1000

WM. ELLIOTT & SONS

NEW YORK, N. Y.

Spencer and Henry Eckford—Mrs. Hardcastle Sykes and Prima Donna.

Let me explain the process of fertilization, i. e., what must actually take place before we can have any seed at all in any of the types. [After explaining the process Mr. Cuthbertson continued.]

Accidental Cross Fertilization.

Some people argue that sweet peas are pollinated by wind-borne or insect-borne pollen, and that accounts for the variations we get in so many stocks of Spencer sweet peas. I have never been able to subscribe to this theory, because I think I have had as large an experience as most, and have not observed it happen in practice. The plan we adopt at Mark's Tey is to grow the different varieties in lines 100 feet long. There may be four lines of The Marquis, followed closely by four lines of Countess Spencer, then four lines of Helen Lewis, and so on. If the wind or insect theory of cross fertilization held good we should not get pure seed, but as a matter of fact we do. Then again, it is suggested that in America there must be insects, unknown in this country, at work there to give us the fine variations we so frequently get! I should like to have Mr. Burpee's or Mr. Morse's opinion on this point. Fifty years ago so extremely careful an observer as Charles Darwin wrote: "Whatever the cause may be, we may conclude that in England the varieties of sweet peas never or very rarely intercross. But it does not follow from this that they would not be crossed by the aid of other and larger insects in their native country."

Before concluding, there is another condition of things which I must speak of—the liability of the pods after they are formed to rot off. Last season this was particularly noticeable. Close to the footstalk the pods became brown, as if at-

ALL NEW CROP BIRD SEEDS

At lower prices for bigger values than you can possibly buy elsewhere. **Crops short—delay will mean higher prices.** All orders receive prompt attention. Quotations subject to market changes.

	Per 100 lbs.		Per 100 lbs.
Hemp, Large Russian	$2.75	**Sunflower,** Black Seeded	$3.65
Canary, Sicily extra sifted	2.75	**Sorghum,** Red	1.65
Rape, German Bird	3.50	**Kaffir Corn,** White	1.65
Millet, Red Bird	2.25	**Alfalfa Meal**	1.35
" Yellow Bird	2.25	**Tobacco Stems**	.75
Vetches, Bird	2.50	**Tobacco Dust**	.75
Sunflower, large striped	3.85	**Charcoal,** granulated	1.35

Canada Field Pea, $1.60 per bushel.

We manufacture and distribute enormous quantities of **"Square Deal" Brand Chick Starter, Ch ck Food, Poultry Food, Pigeon Food.** Our prices are unusually attractive. Samples sent on request.

1818 J. BOLGIANO & SON Importers and Seed Growers BALTIMORE, MD. 1909

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Reliable Seeds, Sow Now

			Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts.,	$1.25; oz., $5.00	$0.25
Begonia Gracilis Luminosa, best scarlet bedder	6 tr. pkts.,	$ 2.50	.50
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6 "	2.50	.50
Echeveria Woodlawn, new, ready in 6 months	1000 seeds,	2.00	.50
Myosotis Winter Queen, finest for greenhouse cut	oz.,	4.00	.50
Petunia, Zangen's selections of **Double Fringed Giants**	6 tr. pkts.,	5.00	1.00
Petunia, Zangen's **Single Ruffled** and **Fringed Hybrids**	6 "	5.00	1.00
Phlox Drummondi, nana compacta Fireball	Best for pot use. oz.,	2.50	.85
Phlox Drummondi, dwarf **Roseball**	"	2.00	.30
Phlox Drummondi, nana compacta, Snowball	"	3.00	.40
Salvia Zangen's Fireball, finest for pot use	Unexcelled strain of my own raising. oz.,	4.00	.50
Salvia Zangen's King of Scarlet, best late	"	10.00	.50
Salvia Zurich, most valuable for early pot use	"	8.00	.50
Stocks, Beauty of Nice, **Daybreak, White** best for cutting, each, separate	"	4.00	.50
Verbena Mammoth, auricula flowered, blue, pink, purple, scarlet, striped, white, each, separate	"	1.50	.25
Mixed colors	"	1.25	.20

My new list will be ready in a few weeks. Ask for same.

O. V. ZANGEN, Seedsman, Hoboken, N. J.

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Lilies of the Valley

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

BERLIN PIPS—Early Forcing Variety

$13.00 per 1000; $1.50 per 100.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, 3040 Madison St., CHICAGO

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LILY OF THE VALLEY FOR PROMPT DELIVERY

EXPOSITION GRADE. This is an extra fancy grade of Berlin crowns. There are never enough of them to supply the demand. Out of Mr. Reimschneider's entire growing, he usually has only 50,000 to 75,000 of this grade, which is evidence of the care with which they are selected. **In cases of 2000 crowns, at $30.00 per case.**

PERFECTION GRADE. This is a true Berlin, extra selected, 3-year-old straight, long, clean crown with long, fibrous roots. Under proper treatment, they force out with tall racemes, bearing the maximum number of large bells, free from decay at the bottom. The foliage is ample but not too abundant. **In cases of 1000 pips, at $13.00 per case.**

HOLSATIA GRADE. These are suitable for later forcing, or for cold storage purposes, and are highly recommended to seedsmen. Very fine selected 3-year-old Hamburg Pips, very heavy roots, extra strong growth. Will hold over well in cold storage and produce good flowers the following fall. **In cases of 2500 pips, at $30.00 per case.**

JACKSON & PERKINS CO., NEWARK, NEW YORK

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Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladiolus are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. First size bulbs, 1¾ inches and up. **$2.00** per 100; **$18.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs, 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladiolus in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. NEW YORK CITY

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Sow Now

Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, **we shall be glad to mail one on receipt of a postal.**

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

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XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double, 500 seeds $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

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Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

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All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

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LILIUM GIGANTEUM

7/9, fine bulbs, ready for delivery from cold storage as desired, $8 50 per 100; $80.00, 1000.

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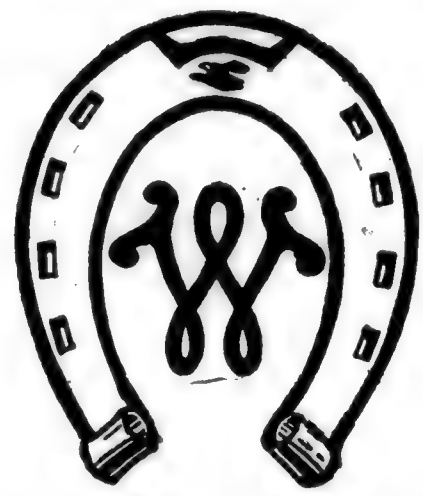
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"NOT HOW CHEAP— BUT HOW GOOD"

Horseshoe Brand Products

You have noticed a dog turn around several times before lying down. It is from a habit supposed to have originated at a time in canine history when the dog was wild and inhabited jungles or tall grass, making it necessary to turn around several times before the grass could be twisted into a comfortable position. This habit became so fixed that the modern dog has not yet outgrown it. It is a bad babit, because it is unnecessary. Some growers are ruled largely by habits hard to outgrow. Good habits are a decided advantage, so cultivate them. It is a good habit to buy the best bulbs you can buy, because they average the greatest profit. If you want good bulbs, try the Horseshoe Brand.

Write us.

Ralph M. Ward & Co.

12 W. Broadway, NEW YORK

tacked by a fungus. When this happened the pods were doomed. It was only a matter of a few days until they dropped off. This remark reminds me of something else. After the petals dropped on some varieties—notably on Earl Spencer and Edrom Beauty—the young pod appeared all right, but on the slightest touch it dropped off. I remember one evening William Deal and I were examining some rows at Mark's Tey, and he remarked, "You have a good promise here." I took out a pencil and walked along the row, merely touching the young pods with it, and quite fifty per cent of them dropped. I think the abnormally cold weather had much to do with this.

Imperfect Fertilization.

To sum up, I must put as the first and foremost cause of imperfect seeding in Spencer varieties the open keel in conjunction with the protruding stigma, otherwise imperfect fertilization; then the extreme sensitiveness of the type to adverse weather conditions. Its very shape, the large waved standard, makes it much more sensitive than the old type. How often have we noticed in bad weather the standard almost rotting and falling down and clasping the keel and pod! Sunshine supervening after such conditions made the standard adhere to the keel and pod as if they had been glued round them, and they could only be removed by being pulled sharply.

Permit me, in conclusion, to say that to all but the seed grower this non-seeding is an advantage. It means a longer continued period of bloom, and this must enhance the value of the sweet pea as a decorative object. The consolation I would offer the seed grower is this: The choicest things in the world—the things most worth having—are the things most difficult to get. Nature seems to decide for us that the more perfect we make her productions from our point of view, the more difficulty we shall encounter in reproducing them. This law holds good right through the floral world.

HOW BEANS ARE HANDLED.

When the crops of beans are ripe for the harvest the vines are pulled and thrown into rows. They are raked into piles, and then go to the bean threshing machine, and from the machine they pour into the bags, and when the farmer thinks he needs the money they are brought to market. The beans are emptied from the bags into big bins, usually located, for convenience, in the basement. From the basement they are hoisted by bean elevators to the top floors, and by gravity they flow to the cleaning machines on the second floor, and then, with all the sand and dirt and dust removed, they drop again to the basement. When the cleaned beans are to be hand-picked they are elevated a second time to the top floor, and this time go into big hoppers from which radiate many pipes to the picking tables. The picking tables are probably a foot wide, of a height convenient for a girl to sit at, and the top, instead of being solid, is a canvas belt, which by means of rollers beneath is made to move steadily toward the girl seated in front. The beans from the big hopper near the roof flow down through the pipes to the little hoppers just above the center of the tables. From the little hoppers the beans feed upon the endless belts, carrying them for inspection before the quick eyes and nimble fingers of the girl picker. The girl notes the discolored, broken

Dreer's Double Petunias



OUR DOUBLE PETUNIAS, for more than half a century, have been the acknowledged standard. The strain this season is equal in high quality to its predecessors, and is well known to the trade.

We offer 15 distinct varieties, in strong, 3-inch pots, which will quickly furnish an abundance of cuttings. Strong, 3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

Seed of our **SUPERB STRAIN OF FRINGED PETUNIAS. Double,** 75c per 500 seeds; $1.50 per 1000 seeds. **Single,** 50c per trade pkt.; $1.00 per 1-16 oz.; $1.50 per ⅛ oz.

Our Quarterly Wholesale Price List, issued January 1st, offers a full line of seasonable Plants, Seeds and Bulbs.

Henry A. Dreer, Philadelphia, Pa.

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FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Extra Early Hohenzollern, white, rose, The Bride	$0.20	$1.00
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple	.20	1.00
Giant Comet, The Bride, rose, yellow, blue, white, peach blossom	.20	1.00
Vick's Branching, white, lavender, light blue, purple, crimson, pink, rose	.20	1.00
Queen of the Market, white, pink, light blue	.10	.50
American Beauty	.20	1.50
Lavender Gem	.20	1.50
Snowdrift	.20	1.50
Antirrhinum—Giant, white, striped, scarlet, yellow, garnet	.10	.40
Pansy—Currie's International mixture	⅛ oz., $1.25;	.50 8.00
Giant Florists' Mixture	⅛ oz., .60;	.35 4.00
Salvia—Splendens	.15	1.00
Bonfire	.25	2.00
Zurich	.25	2.50
Verbena—Mammoth, white, pink, purple, blue, yellow, scarlet	.20	1.00

Send for new Catalogue and Trade Price List.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

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NEW CROP
BRILLIANT STRAIN **Mammoth Verbena**

Unexcelled in size, distinctive markings, and wide range of rich colors.

Pink, Purple, Scarlet, Striped and White	large trade pkt., 30c;	per oz., $1.25
Brilliant Mixed	large trade pkt., 25c;	per oz., 1.00

Write for our Florists' Wholesale Catalogue, just issued.

JOHNSON SEED CO., 217 Market Street, Philadelphia, Pa.

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Established 1824. **RICKARDS BROS., Props.**

Importers and Growers of High-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, Telephone 4235 Gramercy **NEW YORK CITY**

Dutch Bulbs, French Bulbs, Freesia, Easter Lilies, in Stock Now.

H. H. BERGER & CO., 70 Warren St., New York

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SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

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Every Florist Who Grows

ASTERS

should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

When writing, mention this paper.

JAMES VICK'S SONS
ROCHESTER, N. Y.

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NEW CROP FLOWER SEED

Verbena Mammoth, 7 separate colors or mixed.....oz., $1.00
Salvia Splendens.....oz., 1.25
Bonfire.....oz., 2.25
Fireball.....oz., 3.75
Zurich.....oz., 5.00
Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W. C. BECKERT, Seedsman
103 Federal St., N. S., PITTSBURG, PA.
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OUR SPECIALTY

Next fall will be
LYCORIS SQUAMIGERA (Amaryllis Hallii.)
HOME-GROWN LILIUMS.
All varieties of German and Japan Iris.
—Write for prices.—

JOHN LEWIS CHILDS, Floral Park, N. Y.
Mention The Review when you write.

and imperfect beans, and she grabs them, letting the good beans pass, to drop where the endless belt turns into a chute that lands them in the hoppers below. From the hoppers the cleaned and hand-picked beans are run into bags ready for the market. From the farm to the retail dealer the beans are handled many times and go through a variety of processes, but nowhere along the route does the human hand necessarily come into actual contact with them.

The bad and defective beans that are picked from the endless belt are dropped by the girl into convenient openings on either side of the table, and run into a bag conveniently placed. The girls are paid according to the number of bad beans captured, and they make from $4 to $8 a week, depending on their skill and quickness alike of eye and fingers. If the bad beans seem to be coming faster than they can be picked out, the girl by the pressure of her knee can stop the belt and take her time. Each girl's bag is inspected before payment is made, as a safeguard against the temptation to throw in good beans to increase the pay. When such practices are detected the penalties are sufficiently severe to make a repetition unlikely.

BURPEE'S NEW ANNUAL.

A first edition of more than 400,000 copies! Think of it! What author would not rejoice at so great a following? Verily, Mr. Burpee's place in the literature of gardening and floriculture is made secure by the number of those who each year look forward to the arrival of that idyl of the soil which comes with the change of seasons, the Farm Annual—this year styled the New Annual, for it *is* new, from cover to cover. As Fra Elbertus, himself a literator of no uncertain standing, doubtless recognizing the crafts-

GLADIOLI

Society of American Florists
AND
Ornamental Horticulturists.

This is to Certify that
E. E. Stewart
is entitled to
HONORABLE MENTION
for Gladioli Fairy Queen, Lucille, Golden Queen, President Taft
Exhibited at Cincinnati, Ohio, August, 1909

J. Valentine President *Willis N. Rudd* Secretary

GOLDEN QUEEN. Rich cream color, clear cut maroon blotch, early, $4.00 per 100; $30.00 per 1000.
PRES. TAFT. Large, well opened flower of good pink shade with darker stain on lower petals, immense in bulb, spike and flower, $3.00 per 100; $25.00 per 1000.
These varieties are good for cut flowers, are offered to the trade for the first time, and should be catalogued by all up-to-date houses.
AMERICA. 1½ to 2-inch, $30.00 per 1000. 2-inch and up, $35 00 per 1000.
I am headquarters for planting stock of **MME. MONNERET,** and can supply in large lots.
Contracts for crop of 1910 solicited. Send for list.

E. E. STEWART, Rives Junction, Mich.
Mention The Review when you write.

A Chance of Your Lifetime—Never to Return

Speak quick and have the benefit of the new tariff, while stock is on hand.
Prices are strictly net cash and not less than 1000 in a lot.

HYACINTHS

In separate colors.....$12.00 per 1000 Extra, to name, fine stock.....$22.00 per 1000

TULIPS

Single or double, in separate colors, $4.00 per 1000.

	Per 1000		Per 1000
Artus	$ 6 00	Rose Blanche	$4.00
Belle Alliance	10.00	Yellow Prince	5.00
Cardinal's Hat	5 00	La Candeur	8.00
Duchess de Parma	5.00	Rex Rubrorum	8.00

CROCUS

Striped, white and purple, $1.50 per 100.

A full line of **Boxwood**—all sizes, Deutzia Lemoinei, Lilacs and specimen Evergreens are now ready to be sent out.

F. W. O. SCHMITZ, - Prince Bay, N. Y.
Mention The Review when you write.

Winter Flowering Sweet Peas

We carry in stock, all the leading and up-to-date varieties, and have many testimonials as to quality and trueness of type. Write for our Spring Catalogue for varieties worth growing.

ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY

Always mention the Florists' Review when writing advertisers.

THE HOME OF
HIGH-GRADE, WATERPROOF
Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.**
Samples and prices sent on application.

A. A. ARNOLD
16-22 S. Peoria Street, CHICAGO, ILL.

Mention The Review when you write.

manship of a kindred spirit, once said: "Until you have read this year's Annual you are behind the calliope in the procession of garden progress." That's why so many mark the march of time, not by the passage of the holidays, but by the arrival of Brother Burpee's book. This year it has most gorgeous pansies on the cover, luscious melons on the back, three color-plates and any amount of garden lore inside.

IMPORTS.

The imports of seeds through the port of New York for the week ending December 18 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto	5	$ 45	Mustard	230	$1433
Anise	30	345	Onion	1	27
Caraway ...	434	3035	Poppy	100	618
Castor	580	2493	Rape	20	110
Clover	168	3173	Sugar Beet..	300	2254
Grass	1328	7571	Other		4724

In the same period the imports of bulbs, trees and plants were valued at $22,391; peas, $1,626, and beans, $482.

COMMERCE IN SEEDS.

According to the United States Treasury Department, the foreign commerce in seeds in October of the last two years reached the following totals:

Imports, October, 1908	$350,894
Imports, October, 1909	370,965
Exports, October, 1908	857,050
Exports, October, 1909	451,714

CATALOGUES RECEIVED.

The Barteldes Seed Co., Denver, Colo., catalogue of western seeds; Sluis & Groot, Enkhuizen, Holland, vegetable, flower and agricultural seeds; Harris Seed Co., San Diego, Cal., seeds, plants and supplies; Iowa Seed Co., Des Moines, Ia., seeds, bulbs, plants and sundries; Watkins & Simpson, Covent Garden, London, England, garden and flower seeds.

BALTIMORE.

The Market.

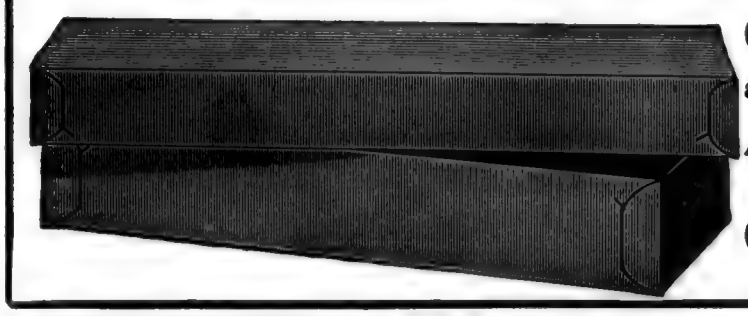
Christmas business was excellent, and almost everyone reports a larger volume of trade than for the corresponding period last year. Weather conditions were good, with the exception of high winds on Monday, Tuesday and Wednesday. On Friday we had an ideal day, with the temperature around 40 degrees. The stores were never more attractive than this season. Plants always are a prominent holiday feature, and this year the demand was even greater. Poinsettias were in heavy demand, both as cut flowers and as pot plants, and some excellent ones were to be had, with better color and larger bracts than usual. Azaleas were fairly plentiful and were finely flowered. Cyclamens were everywhere. As a whole, the stock was excellent. White and crimson were the favorite colors. Begonia Gloire de Lorraine, as offered, was a fine plant. Take it all in all, the plant trade was the best ever known.

Carnations were not so plentiful, but there were enough to fill all orders, except in scarlet. The ruling price the retailers received for carnations was from $1 to $1.50 per dozen. Violets were scarce, with an exceptionally heavy demand; they brought from $3 to $4 per hundred. Roses were not so plentiful as was expected, but those that were to be had were of fine quality, with a heavy demand for red and pink.

There was an enormous lot of dry flowers used and a large supply of solid pieces of immortelles, due mostly to the scarcity of all kinds of greens. Holly was not so good as in previous years, and

Winterson's Seed Store
45-47-49 Wabash Ave., Long Distance Phone Central 6004 **CHICAGO**
Plantsmen, Nurserymen, Seedsmen and Florists' Supplies
We can supply everything the Florist Uses Catalogue Free

Mention The Review when you write.



Cut Flower and Design Boxes
All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

"Florists' Favorite" Cut Flower Boxes
Very Neat Manila Boxes—White Inside
All Boxes Full Telescope
The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.
Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9 00
20x20x8	10.00
24x24x8	12 00
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.
Samples of stock on request. Terms cash with order. Prompt shipment our hobby.
Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more. Orders west of the River we pay freight to River points.
CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.

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Cut Flower Boxes
WATERPROOF, Corner Lock Style
The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	3.25 per 100

This list will cancel all former lists.
The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.
Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.
LIVINGSTON SEED CO.
COLUMBUS, OHIO

Mention The Review when you write.

Velvet Poinsettias with Foliage
$2.00 per doz.; $20.00 per gross
NOTHING LIKE IT FOR THE MONEY
Gustave Schroeder, Artificial Flower Manufacturer
1524 Prospect Ave., Cleveland, O.
Samples sent on receipt of 16c to cover postage.

Mention The Review when you write.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Edward Reid, Fine Brides, Violets, Sweet Peas
Good Roses in all varieties, and all Seasonable
WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa. Cut Flowers
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 29.

	Per doz.
Beauty, Specials	$7.00 to $9 00
" Extra	6.00
" Medium	3.00 to 4.00
" Short	1.00 to 2.00
	Per 100
Killarney, My Maryland, Select	$15.00 to $20.00
" " Ordinary	4.00 to 10 00
Bride, Maid, Select	10.00 to 15.00
Ordinary	4.00 to 8 00
Richmond, Specials	20.00 to 25.00
" Select	10.00 to 15.00
" Ordinary	6.00 to 8 00
Carnations, Fancy Red	10 00
" Select	.00 to 8.00
" Ordinary	3.00 to 4.00
Harrisii Lilies, per doz., $2.00	
Callas, per doz, $2.00 to 2.50	
Adiantum	1.00
Asparagus Plumosus, strings	50.00
" " sprays 50c	
" Sprengeri " 50c	
Smilax	15.00
Valley	3.00 to 5.00
Cattleyas, doz. $9.00	
D. Formosum, each, 40c to 50c	
Cypripedium, each 15c	
Gardenias, Fancy, doz. $5.00 to $6.00	
" Shorts " 4.00 to 5.00	
Violets, Double, Fancy	1.25 to 1.50
" Ordinary	.75 to 1.00
Violets, Single, Fancy	1.00 to 1 50
" Ordinary	.30 to .75
Sweet Peas	1 00 to 1.25
Bouvardia	3.00 to 4.00
Yellow Daisies	2.00 to 3.00
White "	1.50 to 2 00
Mignonette	3.00 to 5.00
Pansies	.75 to 1.00
Snapdragon	1.00 to 1.50
Romans	2 00 to 4.00
Paper Whites	2.00 to 4.00
Poinsettias, doz., $3.00 to $5.00	

St. Louis, Dec. 29.

	Per doz.
Beauty, Specials	$6.00 to $10.00
" Extra	4.00 to 5.00
" Shorts	.50 to 1.00
	Per 100
Bride and Maid, Specials	$ 6 00 to $10.00
" " No. 1	3.00 to 8.00
Richmond	6.00 to 10.00
Carnot	6.00 to 10.00
Ivory	6.00 to 10.00
Killarney	6.00 to 10.00
Carnations, Fancy	4.00 to 5.00
" Common	2.00 to 3.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets, Single	1.00 to 2.00
" Double	1.00 to 2.00
Romans	2.00 to 3 00
Paper Whites	2.00 to 3.00

what was to be had was from the eastern shore of Maryland.

We were visited with one of the heaviest snow storms we have had on Christmas day in twenty-five years. It began to snow at 7 o'clock in the morning and never stopped till 9 o'clock at night, and there was a heavy wind, which caused drifts from six to eight feet deep.

Various Notes.

R. Vincent, Jr., & Sons Co. has just finished two new greenhouses, 35x200 feet, of modern construction, to be used for cannas and dahlias. The benches are to be built across the width of the houses, with an aisle seven feet wide on both sides the full length of the houses, so as to use a four-wheeled truck to handle the pot plants. The material was from the Lord & Burnham Co., and the boiler was a large Furman, installed in a new concrete boiler shed. The bars were all dipped in creosote instead of being painted.

Charles Cook had some of the finest cyclamens seen around here this season.

James Glass did a heavy Christmas trade in ferns, berried plants and fern dishes. Q.

GREENSBURG, IND.—Dille & Konzelman will build a range in the spring to grow cut flowers for the wholesale market. W. C. Konzelman has been grower for the Ira Clark Co.

Fancy Gardenias, Valley and Easter Lilies,
Choice Brides, Killarney, White Killarney and Maryland.
Open from 7:30 a. m. to 8 p. m.
Philadelphia Cut Flower Company Wholesale Flowers
We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA
Mention The Review when you write.

Choice Roses, Valley, Carnations and Adiantums. Open 7 a. m. to 8 p. m.
BERGER BROS., WHOLESALE FLORISTS 1305 Filbert Street **Philadelphia**
Mention The Review when you write

CHRYSANTHEMUMS : BEAUTIES : VIOLETS
Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.
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FANCY CARNATIONS, MUMS AND MY MARYLAND
SAMUEL F. LILLEY. Wholesale Florist
A good market for more Choice Flowers
1514 Sansom St., PHILADELPHIA, PA.
Mention The Review when you write.

WM. J. BAKER, Single Daffs and Callas
Wholesale Florist
1432 So. Penn Sq., PHILADELPHIA, PA.
Mention The Review when you write.

H.C.Berning
WHOLESALE FLORIST
1402 Pine Street
ST. LOUIS, MO.

C. A. KUEHN WHOLESALE FLORIST...
Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
1122 Pine St. - ST. LOUIS, MO.
Mention The Review when you write.

Wm. C. Smith
Wholesale Floral Co.
Wholesale Florists
1316 Pine St. Both L. D. Phones ST. LOUIS
Supplies and Everything in Season always on hand
Mention The Review when you write.

ROSES
J. W. YOUNG
Upsal Station, P. R. R., GERMANTOWN, PHILA.

CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

WILD SMILAX 50-lb. crates. One case to carload lots. Write
WM. MURPHY, 311 Main Street, CINCINNATI, O.
for special quotations.
Mention The Review when you write

Wholesale Cut Flower Prices.

Milwaukee, Dec. 29.

	Per 100
Beauty, Long	$50.00 to $75.00
" Medium	20.00 to 35.00
" Short	12.00 to 15.00
Bride and Bridesmaid	4 00 to 12.00
Chatenay	4.00 to 10.00
Richmond	4.00 to 15.00
Killarney	6.00 to 15.00
Perle	4.00 to 10.00
Stevia	1.50 to 2.00
Carnations, Fancy	5.00 to 6.00
" Good	3.00 to 4.00
Valley	3.00 to 4.00
Asparagus Plumosus, strings	50.00
" " sprays	3.00
" Sprengeri "	3.00
Adiantum	1.00 to 1.50
Lilies, per doz., $2.00	
Ferns, per 1000, 2.00	
Violets	1.50
Sweet Peas	1.00

H. E. FROMENT

WHOLESALE COMMISSION FLORIST

Receiver and Shipper of All Varieties of Cut Flowers

Telephones 2200 and 2201 Madison Square

57 West 28th Street NEW YORK

Moore, Hentz & Nash

Wholesale Florists

55-57 W. 26th St.
NEW YORK CITY
SHIPPING ON COMMISSION
Telephone 756 Madison Square

George Colsonas & Co.



Wholesale and Retail Dealers in all kinds of

Evergreens

Fancy and Dagger Ferns
Galax, Brown and Green



50 West 28th St., - NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax.

Telephone 1202 Madison.

Mention The Review when you write.

Why Use Galax Leaves

when you can buy prime prepared

Magnolia Leaves

Green and Brown,
$1.75 per basket of 1000 leaves

Wherever Florists' Supplies are sold, or from

GELLER FLORIST SUPPLY CO.

110-112 W. 26th Street, NEW YORK CITY

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G. E. BRADSHAW, WHOLESALE FLORIST

55-57 W. 26th St., NEW YORK

Phone 4620, 4621, 3864 Madison Sq.

ROSES, CARNATIONS, MUMS, Etc.

Our Specialties—Smilax and Asparagus Plumosus and Sprengeri in any quantity the year round. Weekly payments. Open books. Consignments solicited.

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GREATER NEW YORK FLORIST ASSOCIATION, INC.

Wholesale Commission Dealers in Cut Flowers and Supplies

162 Livingston St., Brooklyn, N. Y.

GEORGE W. CRAWBUCK, Manager.

Mention The Review when you write.

Henry R. Crawbuck

WHOLESALE DEALER IN

Wild Smilax, Galax, Palm Leaves, Leucothoe Sprays, Fancy and Dagger Ferns, Princess Pine

270 Pearl St., BROOKLYN, N. Y.

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KESSLER BROS.

50 W. 28th St., NEW YORK

CUT FLOWERS

Wholesale Plantsmen and Florists

Telephone 2336 Madison. Shipments Everywhere

Prompt and Satisfactory. Consignments Solicited.

ROSENS

48 W. 29th Street, New York City

Telephone No. 1757 Mad. Sq.

FLORISTS' SUPPLIES

Galax, bronze and green, fresh crop, $1.00 1000; $7.50 10,000. **Leucothoe Sprays,** 75c 100. **Green Sheet Moss,** $2.00 large bag.

Always mention the Florists' Review when writing advertisers.

HEADQUARTERS FOR NOVELTIES

ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

JAMES McMANUS, Tel. 759 Mad. Sq. **42 W. 28th St., New York**

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FRANK MILLANG

WHOLESALE FLORIST

55-57 West 26th St., NEW YORK

Shipments, any quantity, Wholesale Market Rates.

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August Millang

41 W. 28th St., NEW YORK

We are Headquarters for **every kind of CUT FLOWERS** in their season. **Out-of-town Florists** promptly attended to. Telephone for what you want. **Tel. 3860, 3861 Madison Sq.**

Mention The Review when you write.

WE ARE HEADQUARTERS FOR..... **Gold Letters**

Gummed gold and purple letters for inscriptions on floral designs of all kinds.

EVERY LETTER GUARANTEED FOR ONE YEAR not to tarnish or change color in the least. Best and cheapest on the market. Write for samples and prices.

J. LICHTENBERGER, Telephone Lenox 5644 **1566 Avenue A, NEW YORK**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Buffalo, Dec. 29.

	Per doz.
Beauty, Specials	$9 00
" Fancy	7.50
" Extra	5.00
" Firsts	3.00
" Shorts	$1.00 to 2.00
	Per 100
Bride, Killarney and Maid, Special	$25.00
" " " No. 1	15.00
" " " No. 2	10.00
" " " Shorts	$ 3.00 to 6.00
Richmond	10.00 to 25.00
White Killarney	15.00 to 25.00
Maryland	15.00 to 25.00
Carnations	2.50 to 6.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1 00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	15.00 to 20.00
Ferns per 1000,	$1.50
Galax "	1.50
Violets	1.00 to 1.50
Paper Whites	3.00 to 4.00
Stevia	1.00 to 1.25
Romans	3.00 to 4 00
Daisies	1.00 to 1 50
Sweet Peas	1.00 to 1.25
Poinsettia	.15 to .25

I WOULD as soon miss my breakfast as to miss the REVIEW; I consider it as good as any two others combined.—T. G. YALE, Wellington, O.

THE tritomas advertised are all sold and many orders had to be turned down. They came all the way from Massachusetts to Salt Lake City and Texas.—C. S. RIDGWAY, Lumberton, N. J.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

WILD SMILAX 50-lb. crates. One case to carload lots. Write **WM. MURPHY, 311 Main Street, CINCINNATI, O.** for special quotations.

Mention The Review when you write.

N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1415-1416 Madison Square

Stands at Cut Flower Exchange, Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves

Mention The Review when you write.

Reed & Keller

122 W. 25th St., New York

FLORISTS' SUPPLIES

We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

Mention The Review when you write.

WILLIAM H. KUEBLER

Wholesale Commission Dealer in

CUT FLOWERS

Room for the products of growers of first-class stock

We have what you want when you want it

28 Willoughby St., Brooklyn, N. Y.

TEL. 4591 MAIN

Mention The Review when you write.

The best way to collect an account is to place it with the

National Florists' Board of Trade

56 Pine Street, NEW YORK

Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.

Always Mention the....

Florists' Review

When Writing Advertisers

ESTABLISHED 1887

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106 West 28th Street, Tel. No. 167 Mad., NEW YORK
Consignments of all kinds of seasonable stock solicited.
Open 6 a. m. every morning in the year.

FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange
44 W. 28th Street, NEW YORK
Telephones, 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

Alexander J. Guttman
THE WHOLESALE FLORIST OF NEW YORK
34 WEST 28th STREET
PHONES, 1664-1665 MADISON SQUARE
ENOUGH SAID
Mention The Review when you write.

Gunther Bros.
110 West 28th Street
Phone, 551 Madison Square, NEW YORK
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS—Important—Special advantages for you this season. Write or see us.
Mention The Review when you write.

Rice Brothers
115 N. 6th Street, MINNEAPOLIS, MINN
WHOLESALE FLORISTS AND SUPPLIES
CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc
Write for quotations on large quantities.
Mention The Review when you write.

GROWERS' CUT FLOWER CO.
Cut Flowers at Wholesale
J. J. COAN, Manager Consignments Solicited
39 West 28th Street, Telephone Madison Square NEW YORK
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS
55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
Telephone No. 830 Madison Sq.
Mention The Review when you write.

B. S. SLINN, Jr.
WHOLESALE FLORIST
55 and 57 W. 26th St., NEW YORK CITY
Phones 4620, 4621, 3864 Madison Square
VIOLETS Roses and Carnations
Mention The Review when you write.

Manhattan Flower Market, Wholesale Florists 46 W. 28th St., New York
Phone, 1016 Mad. Sq.
Ship us some stock. We need a large supply of all kinds of flowers, Roses, Carnations, Sweet Peas, Narcissi, Chrysanthemums, etc., for our new store. Reliability and responsibility first-class. Good prices and prompt returns. Good opportunity.
Mention The Review when you write.

J. J. FELLOURIS

Fancy and Dagger Ferns
Wholesale and Retail Dealer in ALL KINDS ...OF...

Bronze and Green Galax
EVERGREENS
52 West 28th Street, NEW YORK
Telephone 2315 Madison Sq.
Mention The Review when you write.

YES We have MOSS, $1.50 per bale
Extra LARGE bales, $2.00
ESTABLISHED 1875 TEL. 2457 BEDFORD
H. KENNEY, 88 Rochester Ave. BROOKLYN, N. Y.
See my low prices for Wire Designs in the classified department.
Mention The Review when you write.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

New York, Dec. 29

	Per 100	
Beauty, Specials	$50.00 to	$75.00
" Fancy	35 00 to	50 00
" Extra	20.00 to	35.00
" No. 1	10.00 to	12.00
" No. 2	3.00 to	6.00
Bride and Maid, Specials	8.00 to	12.00
" " Extra	6.00 to	8.00
" " No. 1	3.00 to	6.00
" " No. 2	1.00 to	3.00
Richmond	2.00 to	25.00
Chatenay	2.00 to	20.00
Killarney	2.00 to	15.00
My Maryland	2.00 to	15 00
Orchids	50.00 to	75.00
Carnations, Common	1.00 to	2.00
" Select and Fancy	2.00 to	4 00
" Novelties	4.00 to	8 00
Chrysanthemums	10.00 to	25.00
Adiantum Cuneatum	.25 to	.50
" Croweanum	.50 to	1 00
Asparagus Plumosus, bunches	15.00 to	25.00
" Sprengeri "	10.00 to	20.00
Smilax	6.00 to	12.00
Lilies	8.00 to	12.00
Lily of the Valley	2.00 to	5.00
Gardenias	15.00 to	40.00
Violets	.50 to	1.00
Callas	8.00 to	12.00
Cypripediums	10.00 to	12.00
Sweet Peas...per bunch, 5c to 10c		
Narcissus	1.00 to	2.00
Roman Hyacinths	1.00 to	2.00

Charles Millang
WHOLESALE FLORIST
Ground Floor of the Coogan Bldg., New York City
55 and 57 West 26th Street
6 a. m. to 6 p. m. every day in the year.
HEADQUARTERS FOR VIOLETS
Most convenient store for customers in the city
Telephone 7062 Madison
Consignments solicited.
The highest values guaranteed.
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FORD BROS.
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The Largest Shippers and Receivers of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
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Dealers in Florists' Supplies
Our Specialties, Wheat Sheaves and Baskets
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WHOLESALE FLORIST
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We have room for a few more good growers. Prompt payments and top prices.
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Place Standing Orders With Us

We can give you good service

A Full Line :: :: No Better Stock Anywhere

PERCY JONES

60 Wabash Ave. Wholesale Cut Flowers CHICAGO

PRICE LIST

	Per 100
Killarney	$4.00 to $10.00
Richmond	4.00 to 10.00
W. Killarney	4.00 to 10.00
My Maryland	4.00 to 10.00
Maid	4.00 to 10.00
Bride	4.00 to 10.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	.75 to 1.00
Violets, single	.75 to 1.00
Sweet Peas	1.00
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.00

Ferns, per 1000, $2.00

Extra Fancy billed accordingly

Prices NOT subject to raise without notice to regular customers.

Vaughan & Sperry

WHOLESALE FLORISTS

52-54 WABASH AVE., CHICAGO

Write for Special Prices.

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Wholesale Cut Flower Prices.

Chicago, Dec. 29.

	Per doz.
Beauty, long stems	$6.00
" 36-in. "	5.00
" 30-in. "	4.00
" 24-in. "	3.00
" 20-in. "	2.50
" 15-in. "	2.00
" 12-in. "	1.50
" short "	$0.75 to 1.00
	Per 100
Bridesmaid, Special	$10.00
" Firsts	$6.00 to 8.00
" Short	4.00 to 5.00
Bride, Special	10.00
" Firsts	6.00 to 8.00
" Short	4.00 to 5.00
Richmond, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8.00
" " Short	4.00 to 5.00
Killarney, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Seconds	4.00 to 6.00
My Maryland, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Mrs. Jardine, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Cardinal	6.00 to 30.00
Perle	6.00 to 8.00
Carnations, Select	2.00 to 3.00
" Fancy	4.00
Violets	.75 to 1.00
Sweet Peas	.75 to 1.50
Bouvardia	3.00 to 8.00
Stevia	1.50
Paper Whites	3.00
Romans	3.00
Cattleyas...per doz., $9.00 to $12.00	
Easter Lilies, per doz.... $2.00-2.50	
Callas, per doz $2.00	
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays...bunch, 35c-75c	
" Sprengeri " 25c-35c	
Ferns.....per 1000, $2.00	.25
Galax..... " 1.00	.15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz.....$1.50–2.00	
Leucothoe	.75
Boxwood.....$7.50 per case	

The Review can supply any horticultural books at publishers' prices.

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SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

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PHONE CENTRAL 879

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John Kruchten

Wholesale Cut Flowers

51 Wabash Ave., CHICAGO

ROSES and CARNATIONS

Our Specialties.

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ZECH & MANN

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

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J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

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George B. Hart

WHOLESALE FLORIST

24 Stone Street, ROCHESTER, N. Y.

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58-60 Wabash Avenue, CHICAGO

A Few Desirable Stands For Rent.

See JOHN SINNER, Manager

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Wholesale Growers of... Cut Flowers

All telegraph and telephone orders given prompt attention.

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The House That Has and Sells Good Goods at Fair Prices .·. .·.

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

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Wholesale Cut Flower Prices.

Pittsburg, Dec. 29.

	Per doz.
Beauty, Specials	$10.00
" Fancy	8.00
" Medium	5.00
" Short	$1.50 to 3.00
	Per 100
Bride and Bridesmaid, Fancy	$20.00
" " Medium	$10.00 to 15.00
" " Short	6.00
Richmond	15.00 to 25.00
Killarney	10.00 to 20.00
White Killarney	15.00 to 25.00
My Maryland	10.00 to 15.00
Carnations	5.00 to 6.00
" ordinary	3.00
Adiantum	1.00 to 1.50
Smilax	15.00 to 20.00
Valley	4.00
Lilies	15.00
Roman Hyacinths	1.50 to 4.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.00
Mignonette	6.00
Cattleyas	75.00 to 100.00
Daisies	2.00 to 3.00
Violets	1.00 to 2.00
Stevia	1.50

Cincinnati, Dec. 29.

	Per 100
Beauty, Extra	$25.00 to $50.00
" No. 1	15.00 to 35.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	6.00 to 15.00
My Maryland	6.00 to 20.00
Kaiserin Victoria	6.00 to 15.00
Rhea Reid	6.00 to 15.00
Carnations	3.00 to 6.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00

Boston, Dec. 29.

	Per 100
Beauty, Specials	$40.00 to $75.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	3.00
Chatenay	4.00 to 10.00
Killarney	4.00 to 16.00
Liberty, Richmond	4.00 to 20.00
My Maryland	4.00 to 12.00
Carnations, Special	5.00 to 6.00
" Select	4.00
" Ordinary	2.50 to 3.00
Cattleyas	50.00
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, strings	30.00 to 50.00
" Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.75 to 1.00
Lilium longiflorum	10.00 to 12.50
Violets	.75 to 1.25
Gardenias	15.00 to 25.00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1.50 to 2.50
Roman Hyacinths	1.50 to 2.50
Mignonette	2.00 to 6.00
Bouvardi	2.00 to 4.00
Callas	8.00 to 10.00

WE were pleased to receive some good orders the first week our advertisement appeared in the REVIEW.—W. G. MOULTON & SON, York Village, Maine.

Steady, weekly orders wanted all the year around for

First-class Carnation Blooms

Direct from the grower at reasonable prices.

MARSH & SCHWEERS FLORAL CO., Bay City, W. S., Mich.

Mention The Review when you write.

WELCH BROS., 226 Devonshire Street, Boston

The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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LARGE SUPPLY, $3.00 PER 100

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128 E. Third St., CINCINNATI, OHIO

Wholesale Growers and Shippers of Cut Flowers

Greenhouses, NEW CASTLE, IND.

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Wholesale Commission Florist

Cut Flowers and Florists' Supplies

Consignments Solicited

WIRE GOODS OF ALL KINDS

Write for Price List

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The J. M. McCullough's Sons Co.

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CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.

Phone Main 584. 316 Walnut St., Cincinnati, O.

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Wholesale Florists

ALL FLOWERS IN SEASON

Wire Designs and Florists' Supplies

Buffalo Cut Flower Co.

495 Washington St., BUFFALO, N. Y.

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Lily of the Valley

For Cut Flowers—Prices, $3.00 and $4.00 per 100. Have an entire house of it and solicit a share of the trade of the Southwest. Satisfaction guaranteed. Shipping facilities are the best and we can handle all orders.

A. E. BOYCE, Bartlesville, Okla.
400 E. 3d St., or Phone 206 Long Distance

Mention The Review when you write.

All Seasonable Flowers

Wild Smilax.....per case of 50 lbs., $4.50
Fancy and Dagger Ferns.....per 1000, 1.00
Green and Bronze Galax.....per 1000, .65

Pittsburg Florists' Exchange

15 Diamond Square. PITTSBURG PA

Always Mention the....

Florists' Review

When Writing Advertisers

Wire Work

We are manufacturing Wire Work for Florists and have satisfied customers everywhere. Are you one of them? If not, send at once for our free illustrated catalogue.

We are also commission dealers in Cut Flowers and Green Goods and jobbers in all kinds of Florists' Supplies. American Beauties our specialty.

GILLETT & OHMER

Wholesale Florists

131 E. 3rd St., CINCINNATI, OHIO

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ROSES AND CARNATIONS

FANCY FERNS AND GALAX—High-grade Stock

ORDERS FILLED SATISFACTORILY

Detroit Cut Flower Supply House

Wholesale Commission Florist. H. V. Pearce, Pres.

6 Adams Ave. West, Detroit, Mich.

Home Phone 164. Bell, Main 974.

Mention The Review when you write.

The Munk Floral Co.

WHOLESALE GROWERS OF

Cut Flowers

Columbus, :: Ohio

Mention The Review when you write.

Everything a Florist Uses

The Denver Wholesale Florists Co.

1433-35 California Street

DENVER, COLO.

Mention The Review when you write.

J. B. MURDOCH & CO.

714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

SEND FOR LIST.

Mention The Review when you write.

The McCallum Co.

Wholesale CUT FLOWERS

and Florists' Supply House

Headquarters for Western Pennsylvania

937 Liberty Ave., PITTSBURG, PA.

Mention The Review when you write

PACIFIC COAST.

SAN FRANCISCO.

The Market.

Although it is still two days before Christmas at the time of writing, the indications show that, in a general way, it is safe to say that the gross amount of sales for the entire holiday trade will be fully up to that of one year ago, but the demand for stock will not be along the same lines. The weather for the last ten days has been all that could be desired. Warm, bright days and cold, frosty nights lengthened the buying season so much that there was no rush at the last moment, as we usually have at this season. When the days are stormy, the flower-buying public always puts off its flower purchasing until the last moment, and, as a result, much trade is not waited on properly. This was a banner year in this regard. There was no undue haste necessary at any time and the orders came in so steadily that delivery was a pleasure.

But to return to business itself. The demand, early in the week, was almost entirely for roses and stocks were quickly bought up. When the shortage appeared, as it did about the middle of the week, the buyers had to be contented with short-stemmed stock and they then turned their attention to carnations. These appeared at first to be a glut, but at the week's end all were spoken for. The growers advanced prices fully 100 per cent in the last forty-eight hours. All kinds of fancy stock sold for $1 per dozen, and about half that price for short stems.

Violets, owing to the slight rainfall during the last two weeks, were scarcer and the prices were given a boost by the growers. Only a limited amount could be had and they were charged to the stores at the rate of $1 per dozen bunches. Valley is scarce and the supply only fair in quality, with a wholesale price of $5 per hundred.

Although quite a quantity of poinsettias was received from southern California growers, they were not strictly first-class and many of the retailers refused to handle them. The main trouble seems to be the inability of landing them here with any foliage left on the stems. However, the locally grown stock moved well and from all accounts everyone will sell out completely.

There was but a limited demand for large ferns and palms in pots. The flower-buying public seemed only to want the smaller sizes of both these articles and when $2 or more was asked for a plant, the customer usually spent the amount in cut flowers. All sorts of pans and pots of Primula obconica, cyclamen, hyacinths and begonias found a ready sale and these, together with a few azaleas, made up a great portion of the trade. Red berries and wreaths could be had on almost every street corner and the supply seemed to be inexhaustible. The hucksters were more in evidence this year than ever before. A proper summary of trade for the holidays of 1909 would be that the bulk of the sales was fully up to that of last year, but the individual amounts were smaller and the selling season at least four or five days longer.

Rooted Carnation Cuttings

Pacific Coast Headquarters for quantity and quality

We ship and guarantee delivery in good condition to all parts of United States and Canada. **FOR IMMEDIATE DELIVERY**

	Per 100	1000		Per 100	1000
4,000 Aristocrat	$2.00	$15.00	6,000 Sarah Hill	$2.00	$17.00
4,000 Winsor	1.75	12.00	3,000 White Lawson	2.00	15.00
10,000 Enchantress	1.80	15.00	5,000 O. P. Bassett	4.00	35.00
8,000 Rose-pink Enchantress	1.50	12.00	5,000 Beacon	2.00	18.00
3,000 Mrs T. W. Lawson	1.50	12.00	20,000 Victory	1.75	15.00
15,000 White Enchantress	2.25	20.00	2,000 Gov Roosevelt	1.40	12.00
12,000 White Perfection	2.25	20.00	2,000 Harlowarden	1.40	12.00

Also many other varieties; send for list. Express prepaid on all orders amounting to $5.00 or more. Cash, please.

B. S. BASSETT'S FLORAL GARDENS, Loomis, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

Taken from plants grown in the open field the year round. Ready for immediate delivery.

PINK	Per 100	1000	RED	Per 100	1000
Winona, light pink	$3.00	$25.00	Beacon	$2.25	$20.00
Enchantress, shell pink	1.80	15.00	Victory	1.75	15.00
Winsor, light pink	1.75	12.00	Red Lawson	1.25	8 00
Rose-pink Enchantress	1.50	12.00	Estelle	1.15	12.00
Nelson Fisher, cerise	1.25	10.00			
Mrs. T. W. Lawson, cerise	1.75	15.00	WHITE		
CRIMSON			White Perfection	2.25	20.00
Harlowarden	1.40	12.00	White Enchantress	2.25	20.00
YELLOW—Eldorado	1.50	12.00	White Lawson	2 00	15.00
			Flora Hill	1.50	

Asparagus Plumosus Nanus, 2½ to 3-in. pots, $15.00 per 1000, f. o. b.

25 of any one variety, at 100 rate; 250 of any one variety, at 1000 rate. Express charges prepaid on all orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Etoile De France

The King Bee of Rich Red Hybrid Tea Garden

ROSES

Superfine field stock, second size, $5.00 per 100; first size, $10.00 per 100.

Send for price list other sorts — Teas, H. T's, H. P's. Also YOUNG ROSES.

California Rose Co., Pomona, Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Various Notes.

Thos. H. Stevenson is well located in his new store on Post street below Kearney street. He has an attractive establishment.

The Misses Worn, the well known decorators, had the work for the Palace hotel opening during the present week.

The Thorsted Floral Co. has disposed of its Phelan building lease, at a handsome profit, and will retire January 1.

W. W. Saunders, the well known green goods man, of Healdsburg, Cal., is in town.

A. C. Bryant, of Calistoga, Cal., is shipping large quantities of California red berries to the local dealers.

J. J. Kegley, for many years manager of Gill's Floral Depot, of Oakland, Cal., has returned to California after an extended eastern trip. G.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6 00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. **MT. TABOR, P. O.**

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in., buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

GIANT BAMBOOS

In Quantities

The plant that brings in the money, because it is an attractive feature in any garden.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

Vegetable Seeds

FOR FORCING

Stokes' Standards are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ½ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb., 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 35c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb., 35c; lb., $1.25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

See our offer on "Forcing Gladiolus," page 74, Dec. 16 issue of the Florists' Review.

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Dec. 28.—Cucumbers, 75c to $1.50 doz.; lettuce, 35c to 40c box; radishes, 10c to 50c doz. bunches; mushrooms, 50c to 60c lb.

BOSTON, Dec. 27.—Lettuce, 40c to 65c box; cucumbers, $4 to $8 box; tomatoes, 15c to 25c lb.; parsley, $1 to $1.25 box; radishes, $1.25 box.

NEW YORK, Dec. 27.—Mushrooms in fair supply, but demand active and prices slightly higher. Cucumbers firm for fancy, but lower grades dull. No important receipts of lettuce. Mint held steady. Radishes selling slowly. Tomatoes steady. Cucumbers, 75c to $1.25 doz.; lettuce, 50c to $1 strap; mint, 35c to 50c doz. bunches; mushrooms, 20c to 60c lb.; radishes, $1.50 to $2 hundred bunches; tomatoes, 10c to 22c lb.

EARLY CABBAGE PLANTS.

Can Early Wakefield cabbages be grown in 4-inch pots to set out about May 15? What time would you start the seed to have strong plants from 4-inch pots? I am located in New York state. W. B.

Yes, early cabbages can be started in pots, just the same as tomatoes, and can be grown to nice plants when put in the field, but they are seldom grown in pots. I have known some market gardeners to grow them in 2-inch pots and have nice little plants for the fields, but 4-inch pots would take up entirely too much room for such cheap stuff as cabbage plants. A cabbage head is worth only about 5 cents when cut from the garden, while you ought to grow something on your benches that would net you more than that at wholesale when taken from 4-inch pots in the spring. Greenhouse room is too valuable in the spring for 4-inch cabbages, and most growers think 2-inch pot grown ones are too expensive.

Another point worth mentioning is the time of planting out; you say about May 15. They are better off in the field four or five weeks earlier than that. Cabbage plants stand hard freezing if they are grown cool and are strong and healthy when put out. Last year I had plants out in the field as soon as the frost was out of the ground so we could work it. This was about April 1 and in your latitude. The ground froze somewhat on many nights afterward, and it was such a cold April that I thought they were ruined. They did not grow much and looked more like red cabbages after the cold spell was over, but they started to grow and did well as soon as the weather warmed up a little and came in two weeks ahead of those planted out after the cold wave.

I think the best way is to plant the seed about the last week in February, and as soon as they are up transplant them into flats and keep them in the greenhouse for a week or two, until well started; then carry them out into the coldframes. Have plenty of manure around the frames, with an extra supply to cover over the sash with on any extremely cold nights, until they are planted out. H. G.

Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 112-page catalogue contains true description and no overdrawn illustrations. Our prices are right, quality considered. Market Gardeners are requested to write for our Market Garden Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE BOX 246 Established 1886 **BEATRICE, NEB.**

Mention The Review when you write.

DREER'S SEEDS are reliable

GROWERS of under glass crops place great confidence in our special strains of Vegetables. A few are offered herewith.

Lettuce, French Unrivaled—Similar to Big Boston but better. Forms large buttery heads, oz., 20c; ¼ lb., 60c; lb., $2.10, postpaid.

Radish, Dreer's Selected Cardinal Globe—The crisp little red radish that comes so early. ¼ lb., 25c; lb., 85c, postpaid.

Tomato, Best of All—Strictly a forcing variety. Deep scarlet and very productive, ½ oz. 20c; oz., 35c, postpaid.

All the best standard varieties of vegetable seeds are offered in our **Market Gardeners' Price List,** a copy of which we gladly send to those engaged in growing vegetables for market.

HENRY A. DREER

PHILADELPHIA, PA.

Mention The Review when you write.

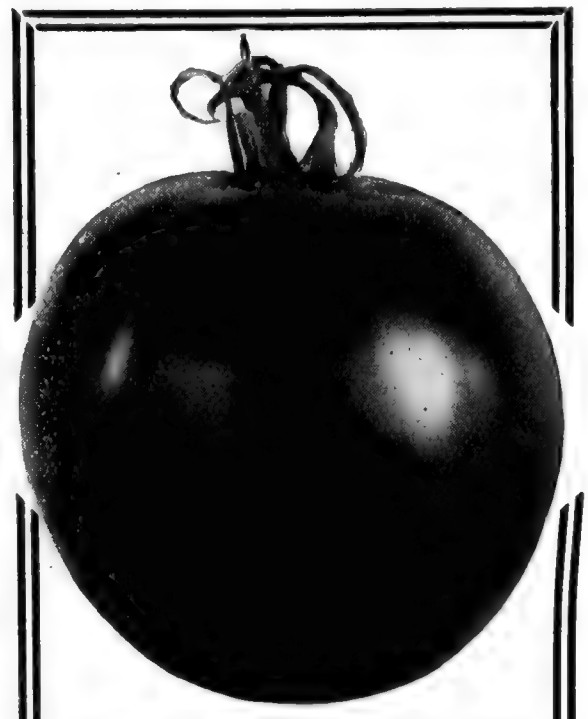
VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.



Livingston's Famous Tomatoes

surpass in all important points. Their superior characteristics are known wherever tomatoes are grown, and their ever increasing popularity obliges us to grow tons of tomato seed every year.

New Globe-shaped Sorts

are the best money can buy. Genuine stock sold only under "True Blue" seal.

Livingston's Globe—First early purple, of finest quality. **Pkt., 10c; oz., 30c; ¼ lb., $1.00, postpaid.**

Livingston's Hummer—Early, ball-shaped, bright red. Borne in fine clusters. **Pkt., 10c; oz., 30c; ¼ lb., 80c.**

Livingston's Coreless—Large, ball-shaped main crop. **Pkt., 15c; oz., 35c; ¼ lb., $1.10, postpaid.**

Try one packet of all three sorts for 20c

Comet Tomato is a superior forcing sort producing ball shaped fruits in clusters. Grown on our own farms! **Pkt., 10c; oz., 30c; ¼ lb., 80c. Postpaid.**

Write to DESK R for booklet "Tomato Facts" and New Catalogues today!

The Livingston Seed Co., Columbus, O.

Mention The Review when you write.

EVANSVILLE, IND.

The Market.

So far as making deliveries was concerned, the weather was extremely bad for the florists, but to people in general the weather was all right, as we had a white Christmas, something that has not happened here for a number of years. The day before Christmas started in with sleet and rain, turning to snow later, with a strong wind blowing. Plants had to be wrapped and this required extra work. However, everyone did a big business.

Plants were plentiful. Roses, carnations and other cut flowers were scarce, considering the demand, though carnations were in better than roses. Beauties brought as high as $12 per dozen and other roses $1.50 to $3. Carnations sold for $1 to $1.50. Red carnations, being scarce, brought $1.75 to $2. Paper Whites sold at 75 cents per dozen.

Various Notes.

The William Blackman Floral Co. was crowded at all times. Their supply of plants was big and the demand good. Red carnations were scarce, but other carnations were more plentiful. The rose cut was short. Business was fully up to the mark for last year.

Julius Niednagel & Sons sold out of everything. Plants were fine and sold fast. They had a good cut of carnations. Roses were not so plentiful.

Benjamin Kramer did a big business, having but little of anything left.

J. C. Elsperman reports business as fine.

Henry Seymour refused lots of orders. Stock was scarce with him. E. L. F.

GREENSBURG, IND.—John L. Dille and William C. Konzleman will locate a flower growing business in this city.

RAYMOND, N. H.—Irvin Folsom reports under date of December 16 that up to that time the weather here was unusually mild and dry, and there were fears of a shortage in the water supply.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

It is estimated that the orders for spring delivery, booked by the retail nurseries, are twenty-five per cent ahead of last year at this date.

The Richland Nursery Co., of Richland, Wash., has been incorporated, with a capital of $25,000, by C. F. Breithaupt, J. H. James, J. C. Breithaupt and W. J. Breithaupt.

Stark Bros. Nurseries and Orchards Co., Louisiana, Mo., made a display of apples at the recent meeting of the Illinois State Horticultural Society at Champaign, attracting much attention.

Growers of apple trees are looking forward to a demand at least equal to the supply for several years to come. The supply of apple seedlings of the better grades is decidedly short of the needs of the trade this season.

The wholesale nurseries are feeling quite cheerful as a result of the strong demand and better prices—the best prices in some years. But good prices are necessary; the cost of producing nursery stock has advanced, along with the advance in costs in other lines.

WESTERN NURSERYMEN MEET.

The Western Association of Nurserymen held a two days' convention at the Coates House, Kansas City, December 21 and 22. Officers were elected as follows: President, J. H. Skinner, Topeka; vice-president, E. S. Welch, Shenandoah, Ia.; secretary and treasurer, E. J. Holman, Leavenworth, Kan.

The principal business in addition to the election was the making of arrangements for the annual meeting of the National Association of Nurserymen in Denver in June of next year. The western nurserymen will entertain the national body.

RHODODENDRONS.

Parasitic Plants on the Roots.

"Do not apply manure to rhododendrons, as there is a plant parasite that grows on the roots, which plant is killed by the manure, eventually causing the death of the rhododendrons."

This information, imparted to me a few days ago by a practical nurseryman, was so entirely antagonistic to my observations and practical experience of over twenty years in propagating and growing one of the largest stocks of rhododendrons in Europe, that it caused me to wonder if environment had any influence in changing the character and nature of plants so much as to demand an entire change of treatment. So far as I have heretofore been informed, the only plant supported by the root of the rhododendron is the rhododendron itself, and the following case, which came under my notice a few years ago, will go to prove that they are benefited by the application of manure. There was an avenue of over 1,500 plants which were turning yellow and dropping their leaves to an alarming extent. Being called to examine these plants and to prescribe for their recovery, and having ascertained that the drainage was all right, I had them mulched six inches deep with moss litter manure. This was taken from stables where moss litter was used for bedding horses, and, as you will know from the absorbent nature of the moss, it contained nearly all the urine as well as the excretion of the animals, making it one of the strongest natural manures. This lay as a surface mulch throughout the winter, and was forked lightly into the soil in the spring, and I can conscientiously say, from close and careful observation, that the effects of the above application were everything that could be desired. These plants, for

New York State Grown Roses
GENERAL VARIETY OF NURSERY STOCK
W. & T. SMITH COMPANY
63 Years GENEVA, N. Y. 800 Acres
Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO.
The United States Nursery Co
RICH, Coahoma Co., MISS.
Mention The Review when you write.

POT GROWN
Hydrangea Otaksa
Satisfaction or Your Money Back.
5-inch, fine stock...$15.00 per 100
4-inch, fine stock... 10.00 per 100
THE CARL HAGENBURGER CO.
West Mentor, Ohio
Mention The Review when you write.

Grape Vines
All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.
T. S. HUBBARD CO., Fredonia, N. Y.
Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) Seedlings
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.
Mention The Review when you write.

FOR IMMEDIATE DELIVERY
ROSES
Dormant, field-grown, on own roots.
Sweetheart T. Blumschen La Fiamma
Trier Lady Gay Debutante
Dorothy Perkins Hiawatha
12c each
Tausendschon Barbier 20c each
Clematis Paniculata, field-grown, 1-year, 6c each.
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $3.00 per 100; $25 00 per 1000.
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100
Write for our special prices on Hardy Shrubs.
THE DINGEE & CONARD CO.
WEST GROVE, PA.

FOREST TREE SEEDLINGS
We Have Millions of Seedlings
BLACK LOCUST, CATALPA SPECIOSA Red Bud, Sweet Gum, Sycamore, Persimmon, Poplar, Ash, Elm, California Privet, and various other seedlings at very low prices.
A large stock of transplanted 2 to 6 ft. Hamamelis Virginiana; Calycanthus, sweet shrub, 6 in. to 3 ft.; Spiraea Van Houttei, 2 to 2½ ft.
Fine Stock. Send for List.
FOREST NURSERY & SEED CO.
McMINNVILLE, TENN.
Mention The Review when you write.

Peonies a Specialty
Write us for latest price list
PETERSON NURSERY,
Stock Exchange Building. CHICAGO.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES.
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Roses At Special Prices For Immediate Delivery
See Column Adv., page 60, Nov. 4.
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

NEW
SEEDLING ROSE
Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

years after the application, were one of the finest sights in the country, with their wealth of foliage and bloom. I have also used well rotted manure with success in growing them in the nursery for over twenty years, surely disproving the statement which begins this article.

Peat in the Soil.

There is a prevalent idea, even among nurserymen, that a peaty soil is indispensable for rhododendrons, and often great expense is incurred in bringing peat from a distance in order to make a rhododendron bed. The digging out of the solid, natural soil and replacing it with peat not infrequently leads to a greater evil, one that is seldom foreseen. The new peat acts as a drain for the surface water percolating the ground surrounding it, and the spongy peat holds the water precisely as a sponge does; consequently the bed becomes waterlogged and the failure of the rhododendrons is a natural sequence.

It is pretty generally known that rhododendrons and most other plants of that tribe abhor chalk or any kind of calcareous soil, and, if planted in it, they soon languish and eventually die outright. On the other hand, it is questionable whether the rhododendron likes peat above all other soils. Cases have come under my notice of the finest specimens—finest in growth, foliage and flower—which were growing in fibrous loam with an admixture of a little peat and sand, sufficient to make the whole porous, yet not too light.

The question of peat versus loam for these glorious plants is one of importance to owners of private gardens, who, as a rule, if not located on a peaty soil, bewail the absence of rhododendrons. There must be thousands of gardens where the soil is not peaty and yet is free from chalk, and where rhododendrons would grow to perfection, but from which they are now absent because their owners think it useless to plant them. Or, on the other hand, their culture has been abandoned after the expense of making peat beds, the failure of which had probably arisen from defective draining.

Pardon me if I have digressed from the usual method of asking information through the REVIEW, but I thought that a few remarks about my practical experience and results obtained therefrom might be appreciated by the readers, and that some of them might give me information as to the name of the plant (if there is such) that grows on the root of the rhododendron and is killed by the application of manure. J. W. B.

Young Grafted Rose Plants

Ready March 15

White Killarney, 2½-in.....per 100, $12.00
My Maryland, 2½-in..... " 12.00

O. P. BASSETT RED CARNATION

Rooted cuttings.....per 100, $6.00; per 1000, $50.00

Kaiserin

Bench plants, now ready for shipment, two years old and over.....per 1000, $50.00

Our rooted cuttings and young rose plants have a national reputation for choice quality and careful packing.

Bassett & Washburn

Office and Store, **76 Wabash Ave., Chicago**
Greenhouses, **Hinsdale, Ill.**

Mention The Review when you write.

Rooted Carnation Cuttings

FOR DECEMBER DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

Whitmani Ferns

Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.
Scholzeli Ferns, from 2½-in.. $5.00 per 100.
Boston Ferns, 2½-in. pots, $3.00 and $4.00 per 100.
Camellias, Campbell and Chandlerii, in bloom, $1.25, $1.50 and $2.00 each.

ANTON SCHULTHEIS, College Point, L. I.

Mention The Review when you write.

PRIMULA
Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

Mention The Review when you write.

SANGAMO The New Pink Carnation

Everyone who has seen **Sangamo** growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it **now.** Price, $12 00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN, Springfield, Ill.

Mention The Review when you write.

DRACUT, MASS.

Before James J. McManmon built his greenhouses here he had been growing flowers on leased land in Lowell, where his store is still located. He started here fourteen years ago, by buying what was then spoken of as one of the worst pieces of land in the town—a tract of five acres given over to scrub growth and sorrel, and considered so sour and so unfit for cultivation that the neighboring farmers grinned in good-natured pity of the purchaser. Now Mr. McManmon owns fifty acres, one acre of which is under glass, while the rest of it is largely devoted to nursery stock. Among the tropical shrubs in his greenhouses are oranges and lemons in fruit.

He bought most of the land during a period of industrial depression, when he could secure it at a low price. Now the property is quite valuable, partly on account of its own transformation under Mr. McManmon's energetic management, and partly on account of the improvement in surrounding real estate. It was necessary to reclaim some of the ground by drainage and to clear some of it with dynamite, and most of it was sprinkled to an inconvenient extent with rocks and stones. Every stone used in the foundations of all the buildings that Mr. McManmon has erected, excepting his greenhouses, which are now of cement, has come from his farm, and apparently he has used only a small fraction of the supply. One observer states that enough stones have been removed from the ground, by Mr. McManmon and others, to "pretty nearly build a cathedral."

HOPKINSVILLE, KY.—Wm. F. Snyder, at North Main and Fourth streets, had an especially fine and complete stock of plants and flowers for the holidays.

ALBANY, N. Y.—The Albany Florists' Club has arranged a banquet to take place on the evening of January 30 at the Stanwix. The committee in charge consists of Patrick Hyde, W. C. King and Fred Henkes.

CAMBRIDGE, MASS.—Much favorable comment was elicited by a design which was made by B. J. Macklin, the florist at Oxford street and Somerville avenue, for the funeral of Sergeant McElroy, of the city police department. The design was an enlarged duplicate of the badge worn by the deceased officer, including the lettering, and was about 18x24 inches, being mounted on a tablet of galax leaves about thirty inches square.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Our Catalogue for 1910 is out and we wish to call attention to the many good things offered therein. As usual, we are making a specialty of grafted and own root Roses. We have arranged to graft 350,000 rose plants this year. We call special attention to the following:

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120.00
Own root	1.00	6 00	50.00
Richmond, Kaiserin, Bride and Maid, Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

We offer over 30 varieties of Roses and refer you to our catalogue for the complete list. If your name is not on our list, kindly drop us a postal card and we will be glad to mail you a copy.

Mention The Review when you write

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.

RICHMOND, INDIANA

Mention The Review when you write.

Snow White Sport of HELEN FRICK Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.
Heavy stock plants.....$3 00 per doz.
Smaller " " 2.00

HENRY EICHHOLZ, Waynesboro, Pa.

Ferns, Crotons, Decorative Stock.

ROBT. CRAIG CO.

4900 Market St., Philadelphia, Pa.



An Everyday Cut of good stock is what counts. Start right by getting cuttings from the best stock in the market. These varieties will answer present day needs.

$3.00 per 100; $25.00 per 1000.

White Perfection. Full flower, immense size, prolific, on long, stiff stem.
White Enchantress. The true pure white stock; will be a leader for some time to come.
Winsor. The best pink in its color for general use.
Victory and **Beacon.** Two great reds of equal merit.
Lawson Enchantress. A great improvement on Lawson, larger flower and long stemmed.
Enchantress. Still the leader in its class.
Rose-pink Enchantress. We have the true stock.
Afterglow. An easy grower and popular variety.
O. P. Bassett. The latest red placed on the market. Per 100, $6.00; per 1000, $50.00.
Mrs. Chas. Knopf. A well colored Enchantress, grows freely on erect stem, a good acquisition. $6.00 per 100; $50.00 per 1000.

Place your orders with us and get select stock, carefully packed, and satisfactory returns for your investment.

C. C. POLLWORTH CO., Milwaukee

Mention The Review when you write.

CARNATIONS

Rooted Cuttings

Mrs. C. W. Ward
$12.00 per 100; $100.00 per 1000.

Alma Ward
$15.00 per 100; $125.00 per 1000.

Mrs. J. C. Vaughan, Bay State, Georgia and O. P. Bassett
$6.00 per 100; $50.00 per 1000.

White Enchantress, Beacon, Robert Craig, Afterglow, Enchantress, Rose-pink Enchantress and Harlowarden
$3.50 per 100; $30.00 per 1000.

New crop early flowering single Chrysanthemum seed and Gold Medal Pentstemons at 25c and $1.00 per package.

Charles H. Totty
Madison, N. J.

YOU Will find all the best offers all the time in the Review's Classified Advs.

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of **White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat.**

BEACON. Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., **LAFAYETTE, IND.**

ST. PAUL.

The Market.

The Christmas spirit has pervaded the air, which means that everyone connected with the trade has been busy. And all this bustle and activity has meant good business for one week, at least.

There have been plenty of doings all the month. Society has bestirred itself, and the usual lull before the holidays has not been apparent this season, for receptions, balls, parties and weddings have followed one another in close succession.

The switchmen's strike has tied up traffic somewhat, so that holly shipments have been late, while the intense cold was liable to damage this much used decorative. Express shipments were delayed and in several instances were frozen. Whether the express companies will be responsible for the losses remains to be seen.

Club Meeting.

The State Florists' Association held its monthly meeting December 14. There was a good attendance, a good display of exhibits and an interesting program.

Professor Freeman, of the State Agricultural School, spoke on "The Fungous Diseases of Plants," illustrating his lecture with several specimens. Many questions were asked and many points discussed, and all went home with the belief that they had received valuable information.

The following exhibits were staged: By L. S. Donaldson Co., cyclamen plants; by Will Bros., White Enchantress, Rose-pink Enchantress and Beacon carnation blooms; by Hiawatha Gardens, begonias and cyclamens; by Holm & Olson, Lorraine, Gertrude and Agatha begonias, cyclamen and poinsettia plants.

An entertainment committee was appointed to arrange for a ball to be given in Minneapolis.

Various Notes.

The Holland travelers are with us again, each telling of the superiority of his bulbs. Charles Schwake, of New York, was also a recent caller. X. Y. Z.

MISCELLANEOUS STOCK

	100
Ageratum, 2-in.	$ 2.50
Lantanas, 2-in.	3.50
Lemon Verbenas, 2-in.	5.00
Feverfew, 2-in.	3.50
Marguerites, 2-in.	3.50
" Queen Alex. 2-in.	5.00
Cuphea, 2-in.	2.50
Coleus, 6 var., R. C.	.75
Moonvines, 2-in.	3.50
German Ivy, 2-in.	2.50
Fuchsias, 4 var., 2-in.	5.00
Heliotrope, 2 kinds, 2-in.	3.50
Cinerarias, 3-in. $7.50; 4-in. $10.00; 5-in.	17.50
Smilax, 2½-in.	3.50
Salvia, to close, 2-in.	3.50
Cyclamen, in bud, 2½-in., $3.50; 3-in., $7.50; 4-in., $10.00; 5-in.	35.00
Primula, 4-in.	10.00
Obconica, 4-in.	10.00
Azaleas in bloom	$1.00, $1.25 and 1.50

If you are interested in **Plumosus Sprengeri,** 2-in., $2.50 per 100; $20.00 per 1000. We want room and will close out.

Plumosus, 2-in. extras, at $3.50 per 100; $25.00 per 1000; 3 in. at $8.00 per 100; 4-in. at $12.50 per 100; 5-in. at $25.00 per 100.

2½-in. **Bostons,** ready for 4's, at $5.00 per 100; $40.00 per 1000.

2½-in. **Whitmani,** ready for 4's, at $7.50 per 100; $60.00 per 1000.

These Are Bargains

GEO. A. KUHL, Wholesale Grower

PEKIN, ILL.

Watch for next week's advertisement.

Mention The Review when you write

Nephrolepis Elegantissima Compacta

Another New Fern Originating with us **Introduced fall 1909**

Of all the valuable introductions in ferns that we have sent out, beginning with the Pierson (Nephrolepis Piersoni), we consider the **Elegantissima compacta** the most valuable of all, particularly from a commercial standpoint.

While this resembles Elegantissima in a general way, it is far superior to that variety, on account of its perfect habit. Yet it can hardly be compared with Elegantissima in a general way, because it occupies a place by itself and is as distinct from Elegantissima as that variety is from Piersoni—in fact, it bears the same relation to Elegantissima that Scottii does to Bostoniensis. **Elegantissima compacta** has an ideal habit. The fronds are considerably shorter than those of Elegantissima, and it is a more compact plant. It throws a great many more crowns naturally, making a very bushy, dwarf, compact plant. The difference between the two varieties may be seen at a glance.

Fine, strong plants, 2¼-in. pots, **$5.00** per doz., **$35.00** per 100; 4-in. pots, **$7.50** per doz., **$50.00** per 100; 6-in. pans, **$1.50** each; 8-in. pans, **$3.00** each.

We make a specialty of all kinds of **Nephrolepis,** carrying a large stock of all sizes at all times—Piersoni, Elegantissima, Superbissima, Bostoniensis, Scottii, Whitmani, Amerpohlii, etc.

F. R. PIERSON CO., **Tarrytown-on-Hudson, New York**

Mention The Review when you write.

Verbenas :: Verbenas :: Verbenas

The Season is now Open

OUR SELECTION

Rooted cuttings	$0.75	per 100;	$ 6.00 per 1000
Strong plants in 2½-in. pots	2.50	"	20.00 "

PURCHASER'S SELECTION

Mrs. Wm. Taft, Miss Wilmott, rooted cuttings	$1.00	per 100;	$ 9.00 per 1000
Rooted cuttings	.90	"	8.00 "
Strong plants in 2½-in. pots	3.00	"	25 00 "
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00	"	30.00 "

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

J. L. DILLON, :: Bloomsburg, Pa.

Mention The Review when you write.

Seasonable Stock

Firefly Azaleas, Poinsettias, Lorraine Begonias, Cyclamens, Primulas, Geraniums, Holly, and Box Pyramids, Specimen Evergreens in tubs, etc.

The above stock is especially fine. Come and see us.

WM. W. EDGAR CO., **WAVERLEY, MASS.**

Mention The Review when you write.

GIANT SNAPDRAGONS

You can plant nothing more profitable in the space vacated by the mums. Plant right in the same soil, after adding a little bone or sheep manure. We have a fine lot of plants grown for this special purpose; nice bushy plants, from 3 in. pots, ready to come right up in bloom in short time. White, yellow and pink, at $2 00 per 100; $18.00 per 1000. **PANSIES,** Imperial Giant strain, stocky, field-grown, fine for cut flowers, $3.50 per 1000.

Cash, please, or in exchange for Geraniums, Gladioli, Dahlias, etc.

IMPERIAL SEED & PLANT CO., Grange, Baltimore, Md.

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Wholesale Trade List

Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Clematis paniculata, strong plants from open ground, $10.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $9.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.

Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

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DECORATIVE PLANTS

	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15.00
5-in. " "	25 00
7-in. " "	60.00
2½-in. **Whitmani Ferns.**	5.00
2-in. **Asparagus Plumosus Nanus.**	3.00
4-in. " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

D. U. AUGSPURGER & SONS CO.

PEORIA, ILL.

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Important Announcement to Carnation Growers

At the earnest solicitation of a large number of commercial and private growers, the Cottage Gardens Company has decided to disseminate this year the two famous Carnations

MRS. C. W. WARD and ALMA WARD

two varieties which are well known to all the leading growers of the country. 4 years' test in the New York market has demonstrated their popularity and good staying qualities. For the past three years we have been growing from 15,000 to 25,000 of each, during which time they have always commanded the highest market prices, and at no time has the supply been equal to the demand.

On the exhibition table they have taken the highest honors, and we believe it is safe to say these two carnations stand without an equal.

INVITATION

We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see them growing and compare their good points with other standard varieties grown under the same conditions.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market.

The keeping qualities of this variety are remarkable. Several shipments of blooms sent to Europe reached their destinations in perfect condition, and wherever exhibited it has always been the last to show signs of wilting.

AWARDS

American Florists' Society Silver Medal, ... Boston, 1906
The Craig Cup for Best Seedling, ... Philadelphia, 1906
The Lawson Bronze Medal, ... Washington, 1908
The Horticultural Society of New York, Silver Medal, Sweepstake Prize for Best 100 Blooms, ... New York, 1909
The Horticultural Society of New York, Diploma for Best New Variety, ... New York, 1909

Rooted cuttings ready Jan. 15, 1910—December and first part of January cuttings all sold.

$2.00 per 12; $12.00 per 100; $100.00 per 1000; $95.00 per 1000 in lots of 2500. 25 at the 100 rate; 250 at the 1000 rate.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers, 3½ to 4½ inches in diameter, on strong, erect stems 36 to 42 inches in length.

This most remarkable variety takes the same place among Carnations as the American Beauty Rose among Roses, and has, during the past 4 years, been awarded numerous prizes, including the following:

The Lawson Silver Medal, ... Toronto, 1907
(No Gold Medal having been awarded.)
The Lawson Gold Medal, ... Washington, 1908
The American Florists' Society, Silver Medal, Washington, 1908

Rooted cuttings ready Feb. 1, 1910—January cuttings all sold.

$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.0 per 1000.

COTTAGE GARDENS CO., Inc. :: Queens, Long Island, N. Y.

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CHRYSANTHEMUMS
AND
ASTER SEED

All the leading kinds best suited to Florists' use.

Elmer. D. Smith & Co.
ADRIAN, MICH.

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NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

Enchantress	per 1000,	$15.00
W. Enchantress	"	18 00
Kingston Pet	"	18 00
Beacon	"	18.00
White Lawson	"	12 00
Winsor	"	12.00

Send your orders for Dec., Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Shasta

If you keep any record of the blooms you cut you will be able to appreciate the record **Shasta** has made this season thus far. Planted Aug. 1st, the plants have given us the following average: 1 bloom per plant in late September; 2 blooms per plant in October; nearly 3 blooms per plant in November, and December 1st to 16th, 1 7/18 blooms per plant. Notice the steady cut. It is absolutely a non-cropper and a non-splitter. Scored 89 points A. C. S. convention last January. Come and see it any time.

$12.00 per 100; $100.00 per 1000.

PATTEN & CO., Tewksbury, Mass. **BAUR & SMITH, Indianapolis, Ind.**

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Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2 00	$18.00
White Enchantress	3.50	30 00
White Perfection	2.50	20 00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20 00
Pink Lawson	2.00	15.00
Rose-pink Enchantress	3.50	30 00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25 00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

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BURNLEY, ENGLAND

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MINNEAPOLIS.

The Market.

Christmas, with its hurry and bundles, came and went with the usual inadequacy of time to cover the amount of orders and get out the amount of stock ordered. Dark weather prevailing for about three weeks before made a marked shortage in blooms, but the demand was good, and every house pronounced itself sold out Christmas morning. American Beauties and violets were not to be had at any price; 24-inch Beauties sold at wholesale for $9 per dozen. Azalea, cyclamen and poinsettia plants filled baskets of every variety and size. Primroses were scarce. Cut poinsettias were more plentiful than usual and less expensive.

Various Notes.

R. A. Latham cleaned out his stock of almost every cut flower and plant, and is thoroughly satisfied with the Christmas business.

L. S. Donaldson Co. secured the decoration of the new Hotel Radisson, and following the success of that will decorate for the opening of the Commercial Club rooms on the top floor of the same building.

O. C. Swanson had the decoration for Miss Partridge's wedding, which was a thoroughly Christmas wedding. Tall Christmas trees and cathedral candles with white flowers were used almost entirely throughout the entire scheme of decoration.

James Souden had a busy time and increased his sales by a large amount over last year's. A number of pretty baskets sold readily here.

The Minneapolis Floral Co. cleaned out everything that was ready to go, and had a busy week shipping out plants, and the usual rush for cut flowers at the last minute. The immense stock of poinsettias was cleaned out completely, and business was extremely good this year.

M. E. M.

CHILLICOTHE, O.—C. A. Johnson, of the Chillicothe Floral Co., says Christmas trade was double what it was last year, though he did not have the downtown salesroom as before and handled all the business from the greenhouses. A considerable shipping trade in carnations and roses is done.

LISBON FALLS, ME.—H. W. Blethen, who began business here in the spring of 1906, has added to his houses until he now has over 26,000 square feet of glass, and the whole range is of fine, modern construction. He has a first-class steam heating system and is planning further improvements. He grows both flowers and vegetables.

BOBBINK & ATKINS

Nurserymen and Florists

RUTHERFORD, N. J.

Choice Evergreens and Conifers, Shade and Ornamental Trees, Herbaceous Plants.

Large collection of Decorative Plants, such as PALMS, FERNS, BAY TREES, ETC.

Ask for Wholesale Catalogue.

Mention The Review when you write.

GERANIUMS

We are HEADQUARTERS and offer the finest collection in AMERICA, from 2-in. pots, at $2.00 per 100, $18.50 per 1000; 250 of a kind at thousand rates.

For $18.50 we will send you 1000, 50 each of 20 distinct kinds, a collection on which we are willing to stake our reputation. A customer in writing this week says, "We used your Geraniums last year and had the finest collection we ever had, sold clean out, had nothing left for stock."

We have a splendid stock in 2-in. pots of the following, at $2.00 per 100: Double Lobelia Kathleen Mallard; Alyssum, Giant and Double; Lemon Verbenas; Fuchsias, 6 Varieties; Ivy-leaved Geraniums, 6 Varieties; Scented Geraniums.

Double Petunias, mixed colors, $3.00 per 100.

Canna Roots, home-grown, 1,000,000 good strong divisions, at $18.50 per 1000. King Humbert, $6.00 per 100; $50.00 per 1000.

New Geranium Price List is Now Ready

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

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IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY

The Orchid Nurseries, RUTHERFORD, N. J.

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ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.

ORDONEZ BROS., 41 W 28th St., New York
AND MADISON, N. J.

Geraniums

Rooted Cuttings ready now

S. A. Nutt.....$10.00 per 1000

WHITE BROS., Gasport, N. Y.

Miscellaneous Stock

Excellent Quality

Azaleas, 6 and 7-in., $1.50 each.
Geraniums, 6-in., 35c.
Red Dracaenas, 3-in., 10c and 12½c; 6-in., $1.00.
Araucaria, 4-in.; 4 and 5 tiers, 60c; 5-in., 5 and 6 tiers, $1.00.
Boston Ferns, 3-in., 5c; 4-in., 12c; 5-in., 25c; 6-in., 40c; 7-in., 90c; 8-in., $1.25.
Whitmani, 2¼-in., 4c; 4-in., 20c; 5-in., 30c; 6-in., 50c; 7-in., 90c; 8-in., $1.00, 9-in., $1.25; special, 3 in a pan, $1.25.
Plumosus Nanus, 3-in., 6c; 4-in., 10c; made-up plants, in 5-in., 35c; 6-in., 50c.
Sprengeri, 2¼-in., 2½c; 3-in., 4c; 4-in., 8c; 5-in., 15c; 6-in., 30c; 7-in., 75c.
Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tsussimense, 2½-in., $3.50 per 100; 3-in., $6.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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Primula Obconica

Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

Vick & Hill Co.

P. O. Box 613. ROCHESTER, N. Y.

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Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why You Should Grow SANGAMO

1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd —The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th —The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100.

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

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Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market.

WINNER OF FIRST PRIZE WHEREVER SHOWN.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

MARY TOLMAN

WINNER OF FIRST PRIZE AT MILWAUKEE.

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery. **$12.00 per 100; $100.00 per 1000.**

A. E. HUNT & CO., EVANSTON, ILL. **CHICAGO CARNATION CO.,** JOLIET, ILL. **HUNT BROS.,** PARK RIDGE, ILL.

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Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3.50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Begonias,** $1.50 per 100. **Daisies,** white and yellow, $1 00 per 100. Express paid.

CASH WITH ORDERS

S. D. BRANT, Clay Center, Kan.

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Florists' Review

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Rooted Carnation Cuttings

Ready for January Delivery. Clean, Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85 00
Enchantress	2.00	18 00
Enchantress, Rose-pink	3.50	30 00
Enchantress, White	3.50	30 00
White Perfection	2 50	20 00
Beacon	3.00	25 00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.

24 N. Main St. - - - DAYTON, OHIO

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son

ACTO, N. J.

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery

Katalog for the asking.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg. PHILADELPHIA

COLUMBUS, OHIO.

The Market.

Trade for Christmas was heavy, with a good supply of stock. Roses were quite plentiful and sold well at good prices. Killarney, Maid, Bride and Richmond were in quantity and the quality was good. Beauties were scarce and too high priced to sell well. Carnations were in fine shape and in sufficient quantity to meet the demand. They sold readily at good figures. Red, white and Enchantress took the lead.

Valley sold well and there was enough to go around. Violets sold readily. A fine lot of sweet peas were seen, but they were not plentiful. Paper Whites found a ready sale, as they made the best showing for the money. Cut poinsettias went well at good figures. The demand for greens, such as festooning, smilax and asparagus, was heavy, especially for church decorations. There were also quantities of potted plants used for the churches and they all had nice decorations. Potted plants sold well. Azaleas and poinsettias took the lead and there was a nice lot on hand. Cyclamen, primroses, Lorraine begonias and palms sold well. Plant baskets went rather slowly in this market, compared with other seasons, but there were quite a few disposed of. Taking it as a whole, we considered it a good Christmas.

Various Notes.

The Florists' Club held no regular meeting, as nearly everybody was too busy for Christmas. The club dance was a great success and it has been decided to give another January 18, and they are all looking forward to the time.

E. Metzmaier reports a heavy Christmas trade, both in plants and cut flowers. He also handled a large number of trees.

The Munk Floral Co. had a nice lot of stock for Christmas week and reports heavy business.

The Fifth Avenue Floral Co. had a heavier cut of carnations for Christmas week than for any week since the season opened.

The River Side Garden was kept busy supplying wreathing, etc., and trade in general was heavy. J. M.

Broadalbin, N. Y.—W. K. Smith, who has about 10,000 feet of glass, has heretofore used all his space for lettuce and radishes, for which he finds an excellent sale in the cities of Gloversville and Johnstown. Now, however, he has decided to handle flowers also, and he already is stocking one small house with bulbs and plants. Next summer he will build another greenhouse, 30x100 feet.

Asparagus Sprengeri

2, 3, 4-in.....$2.00, $5.00, $10.00 per 100

Whitmani Ferns

4-in.....$10.00 per 100

Begonia Incarnata

Bud and bloom, 3, 4, 5-in., $6.00, $10.00, $20.00 100

NIXON H. GANO
Martinsville, Ind.

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DIRECT IMPORTATIONS
AT FOREIGN GROWERS' PRICES

From BELGIUM, From HOLLAND: Palms, Araucarias, Bay Trees, Azalea Indica, etc. Boxwood, Rhododendrons, pot-grown Shrubs for forcing, etc.

From GERMANY: Valley Pips. Early or late forcing.

From ENGLAND: English Manetti, selected for grafting.

From JAPAN: Lilium Longiflorum Giganteum, Multiflorum, etc.

Full list o Japanese, Holland, English and French Nursery Stock

Write for catalogues, special lists, etc., mentioning the class of stock you are interested in.

RAFFIA: 5 grades. Bale lots only.

Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

McHUTCHISON & CO.
17 MURRAY STREET NEW YORK

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Plants for New Year's, Balls, Parties, etc.

Azalea Indica, in fine shape, in bud or bloom. Mme. Petrick, pink; Simon Mardner, pink; Deutsche Perle, white; Vervaeneana and Apollo, red; 75c, $1.00, $1.25 and $1.50.

Azalea Indica, for Easter blooming, 10 best, well tested market varieties, full of buds, 50c, 75c, $1.00, $1.25, $1.50 to $2.00.

Araucaria Robusta Compacta, $1.50, $1.75 and $2.00.

Araucaria Excelsa, big stock, 25, 30 and 35-in. high, $1.50, $1.75 and $2.00.

Kentia Forsteriana, 35, 40 to 50-in. high, $1.50, $2.00, $2.50 and $3.00 each; 4-in., 20c.

Kentia Belmoreana, 4-in., 25c; 3-in., 10c.

Cocos Weddelliana, 3-in., 15c.

Latania Borbonica, 4-in., 20c.

Areca Lutescens, made-up, 5¼-in., 35c.

Asparagus Plumosus, 2½-in., 3c; 3-in., big, 6c; 4-in., 10c.

Asparagus Sprengeri, 3 in., 5c; 4-in., 10c.

Begonia Flambeau, 4-in., 15c.

Begonias, new improved Erfordii and Gracilis, in bloom, 5¼-in., 25c.

Ferns, Todeaoides, 5½, 6 and 7-in., 35c, 40c, 50c, 60c, 75c and $1.00. Dish Ferns, 2½-in., 4c.

Ferns, Wimsetti and **Victoriae** (silver leaf fern), 6-in. pans, 3 plants in a pan, very attractive, 30c per pan.

Cash with order, please. Please state if in or out of pots.
All plants must travel at purchaser's risk.

GODFREY ASCHMANN, 1012 W. Ontario Street, Philadelphia, Pa.

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Roland's Plants
In Excellent Condition

	Per Doz.
Oranges	$24.00 to $48.00
Ardesias	12.00 to 36.00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	3.00
Cyclamen	5.00 to 36.00
Azaleas	6.00 to 36.00
Poinsettias	3.00 to 15.00
Ericas	18.00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston

Thomas Roland
NAHANT, MASS.

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JOHN SCOTT
Rutland Road and E. 45th St.,
BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Mention The Review when you write.

Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5.00 per 100.

2-yr.-old Peonies, $10.00 per 100.

J. Murray Bassett, Hammonton, N. J.

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Logan Nurseries
JOHN N. HOBSON, Mgr.
York Road and Louden St. Philadelphia, Pa.

We have the following

PLANTS

to offer to the trade, in first-class condition, home-grown and hardy:

Kentia Belmoreana — Each
10-in. pot, 4 plants in pot, 4 ft. 10 in. high...$6.00
8-in. pot, single, 4 ft. 6 in. high..... 2.50
8-in. pot, bushy plants.....per 100, $10.00

Areca Lutescens
6-in. pot, 3 plants in pot, 3 ft. high. $9.00 and $12.00 per doz.
8-in. pot, 3 plants in pot, 5 ft. high..... 2.50
7-in. pot, 3 plants in pot, 3½ ft. high..... 1.50
4-in. pot, 3 plants in pot.....$3.00 per doz.

Boston Ferns — Per 100
6-in. pot, nice full plants.....$35.00
4-in. pot, suitable for filling baskets..... 12.00

Nephrolepis Barrowsii
9-in. pots, well furnished.....$12.00 per doz.

Poinsettias
4-in. pots.....$12.00 per 100

Azaleas
Nicely budded plants in various sizes and prices.

Begonia Lorraine — Per 100
4-in. pots, full of flower.....$35.00

Begonia Vernon
4-in..... 20.00

Mention The Review when you write.

DAHLIAS—GLADIOLUS

400 varieties of **Dahlias,** selections from the best the country affords.

Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

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Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

ROOTED CUTTINGS

Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000.
Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
S. A. Nutt, 2-in. pots, $2.00 per 100; 3-in. pots, $3.50 per 100.
Ready Jan. 15:—Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000.
Dreer's fancies and all the other good ones.
Russellas, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
English Ivy, 4-in., $10.00 per 100.
Dracaena indivisa, 5-in., $30.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

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Choice Stock

Asparagus Plumosus

3-in., 85c per doz., $7.00 per 100.

Ferns

For dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Pandanus Veitchii

Fine plants, 6-in., $1.00 each; $12.00 per doz.

Ficus Elastica

22 to 24-in., $6.00 per doz., $50.00 per 100.

Cash with order.

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Formerly Garfield Park Flower Co.

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FERNS

				Per 100
Boston,	strong,	6-in.,	stock,	$40.00 to $ 50.00
Scottii,	"	"	"	40.00 to 50.00
Piersoni,	"	"	"	40.00 to 50.00
Whitmani,	"	"	"	40.00 to 50.00
Todeaoides,	"	"	"	40.00 to 50.00
Superbissima,	strong,	6-in.,	stock,	100.00
"	"	4-in.,	stock,	40.00
Strong, 4-in. stock of above varieties,				20.00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

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CANNAS AND GERANIUMS

We have as good a list of Cannas for florists' use as can be found; strong 2 and 3-eye divisions. Northern grown Cannas, divided from the clumps just before shipping, are far superior to stock shipped from the South. We firmly believe that Cannas divided early, packed in thin boxes and stored for weeks or months have lost much of their vitality before the grower gets them.

Beaute Poitevine, Crimson Bedder, Duke of Marlborough, Alphonse Bouvier, Egandale, Robert Christie, Florence Vaughan, Burbank, Papa Nardy, $2.50 per 100; $20.00 per 1000.

King Humbert, $5.00 per 100.

(Many other varieties, but the above are a few leaders.)

GERANIUMS—Let us have your order for Geraniums for immediate shipment, or to reserve until you want them. Standard varieties, like S. A. Nutt, Mme. Barney, John Doyle, Alphonse Ricard, Beaute Poitevine, Mme. Landry, Berthe de Presilly, Marvel and La Favorite, $25.00 per 1000, for strong 2¼-in. pot plants.

Selections of 1000, in named varieties, our choice, all good sorts, $20.00 per 1000. Tell us how many varieties you wish; can send 50 if you want that many.

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6-in. pot, 3 in pot, 24 to 26-in. high	$0.75
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5-in. pot, 6 to 7 lv., 18-in.	100, $50.00	$ 6.00
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7-in. pot, 4 in pot, 34 to 36-in.	$2.50
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Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1 00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1 25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35 00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2 50, $3 00, $5.00, $7 00, $8.00, $9 00, $10 00, $12.00, $15 00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c; 6-in., 75c.
Chinese Primroses, 5-in., 18c.

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All my plants are in fine condition.

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1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis,** etc.

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Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

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Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100. F. Ludemann, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5-in., 3 to 4 tiers, 75c each; 7-in., 3 to 4 tiers, $1.25 each. Cash.
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Asparagus Sprengeri, in 2½-in., at 2c; all first class stock. Will exchange for Boston or Amerpohlii ferns.
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Exceptionally strong Asparagus plumosus, 2¼ in. pots, $2.50; 3-in., $5.00; 4-in., $10.00 per 100. Williams Floral Co., Bedford, Ind.

Asparagus plumosus and Sprengeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
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Extra large, heavy strings, 50c each.
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Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
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REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

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DWARF PEARL TUBEROSE BULBS
CALADIUM ESCULENTUM.
For immediate delivery.
Write for prices.
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Bulbs. Special wholesale price list of native lilums now ready. Send for it.
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Bulbs. Amaryllis, Milla, bessera, zephyranthes, Cooperia. Ask for prices. Wm. Tell, Austin, Tex.

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Well established cacti in variety. Ask for prices. Wm. Tell, Austin, Tex.

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Giant var., outdoor grown, by mail, 1½c.
Gem Nursery, Los Gatos, Cal.

CANNAS.

We have as good a list of cannas for florists' use as can be found; strong 2 and 3-eye divisions. Northern grown cannas, divided from clumps just before shipping, are far superior to stock shipped from the south. We firmly believe that cannas divided early, packed in thin boxes and stored for weeks or months, have lost much of their vitality before the grower gets them. Beaute Poitevine, Crimson Bedder, Duke of Marlborough, Alphonse Bouvier, Egandale, Robert Christie, Florence Vaughan, Burbank and Papa Nardy, $2.50 per 100; $20.00 per 1000. King Humbert, $5.00 per 100. Many other varieties, but the above are a few leaders.
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Will exchange Cinnabar, Papa Nardy, Pres. Viger, Louisiana, Paul Marquant, Mlle. Berat cannas for Black Beauty, Chas. Henderson, Duke of Marlborough, Cherokee, Niagara, St. Louis, Pres. McKinley, Pres. Cleveland, or Pres. Meyer cannas.
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500,000 CANNAS, 100 leading kinds, home-grown, $8.00 per 1000 and more. Price list free.
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Cannas, true stock. King Humbert, $4.00 per 100; Venus, $2.00 per 100. Divided roots.
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Cannas, very extra list, big stock. Send list. C. Betscher, Canal Dover, Ohio.

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STRONG, HEALTHY, WELL ROOTED CUTTINGS. NOW READY.

	100	1000
Georgia, best white	$6.00	$50.00
Harvard, crimson	4.00	35.00
Faust, Christmas scarlet	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	3.00	25.00
Winsor	2.50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00
Bay State	6.00	50.00
Victoria	4.00	35.00

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James D. Cockcroft, Northport, L. I., N. Y.

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. C. W. Ward	$12.00	$100.00
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.50	30.00
Beacon	3.50	30.00
Robert Craig	3.50	30.00
Afterglow	3.50	30.00
Enchantress	3.50	30.00
Rose-pink Enchantress	3.50	30.00
Harlowarden	3.50	30.00

Chas. H. Totty, Madison, N. J.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (pink Perfection, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

SELECT, WELL ROOTED STOCK.

	100	1000
White Enchantress, Beacon	$3.50	$30.00
Rose-pink, W. Perfection	2.50	25.00
Enchantress, Winsor	2.00	20.00
White Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

Good stuff, more than worth the money.
Gullett & Sons, Lincoln, Ill.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

Carnations. White Perfection, Mrs. J. C. Vaughan, Alvina, Pink Delight, Afterglow, Lawson-Enchantress, Winsor, Lawson and O. P. Bassett. Write for prices.
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Carnations, select, well rooted cuttings. White Enchantress, Beacon, $3.50 per 100; $30.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Mrs. Lawson, $1.50 per 100; $15.00 per 1000. Georgia, $6.00 per 100. Lawson-Enchantress, $3.00 per 100; $25.00 per 1000.
Manke Bros., North Milwaukee, Wis.

Well rooted carnation cuttings, ready now. Enchantress, white and rose-pink, $3.00 100; $25.00 1000. Enchantress, $2.50 100; $20.00 1000. Lawson, pink, $2.00 100; $15.00 1000. Cash with order. Marsh & Schweers Floral Co., Bay City W. S., Mich.

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Wanted unrooted or rooted White Enchantress and White Perfection for President Taft, new red, and Improved Queen, white, very prolific and long stemmed; or will buy it cheap.
Brant & Noe Floral Co.,
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Rooted carnation cuttings of Enchantress, Winsor, Lawson, White Lawson, W. Enchantress and White Perfection, $3.00 per 100; $25.00 per 1000. Now ready for delivery.
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Address No. 101, care Florists' Review, Chicago.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, delivery after Jan. 1.
Wanoka Greenhouses, Barneveld, N. Y.

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CHRYSANTHEMUM STOCK PLANTS.

Monrovia	75c doz.;	
Oct. Frost	75c doz.;	
Rosiere	75c doz.;	
V. Poehlmann	75c doz.;	$4.50 100
A. J. Balfour	75c doz.;	4.50 100
T. Eaton	75c doz.;	4.00 100
Y. Eaton	75c doz.;	4.00 100
Dr. Enguehard	75c doz.;	4.00 100
Golden Age	75c doz.;	4.00 100
Maj. Bonnaffon	75c doz.;	4.00 100
Col. Appleton	75c doz.;	4.00 100

La Crosse Floral Co.,
P. O. Box 557, La Crosse, Wis.

CHRYSANTHEMUM STOCK PLANTS.
75c per doz.; $4.50 per 100.

Monrovia	Touset
Maud Dean	Robert Halliday
Alice Byron	White Bonnaffon
Robinson	Maj. Bonnaffon
Ivory	Shaw
Col. Appleton	Golden Wedding
W. H. Chadwick	J. Nonin
Golden Chadwick	J. Jones
Adelia	Dr. Enguehard

The Munk Floral Co., Columbus, Ohio.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

CHRYSANTHEMUM STOCK PLANTS at reduced price for this week, to clear benches. Golden Glow, Pacific Supreme, G. S. Kalb, October Frost, Polly Rose, Early Snow, Clem. Touset, Ivory, Byron, W. Bonnaffon, White Cloud, Merza, Glory of Pacific, Rosiere, P. Ivory, Dr. Enguehard, Monrovia, Halliday, Pitcher, Bonnaffon, Eaton, Nonin, etc., at 3c; Poehlmann, 5c; Gloria, 10c. Send for list of 50 varieties.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemums. V. Poehlmann, Pres. Roosevelt and Mlle. Desjouis, strong, well rooted cuttings from carefully selected plants, $15.00 per 1000. Stock plants of Nonin and Enguehard, $4.00 per 100; rooted cuttings, $12.00 per 1000. Sent C. O. D. with privilege of examination.
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Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Chrysanthemum stock plants. Kalb, Monrovia, White Fitzwygram, Opah, G. Pacific, Polly Rose, Snow, Oct. Frost, Halliday, Touset, Josephine, Golden Trophy; also midseason and late varieties, $4.00 100. Wm. Ehmann, Corfu, N. Y.

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Chrysanthemums. Extra strong stock plants of J. Nonin, Maud Dean, Pacific Supreme, G. Glow, Jerome Jones, Christmas, White and Yellow Bonnaffon, Alice Roosevelt, 5c.
G. S. Ramsburg, Somersworth, N. H.

CHRYSANTHEMUMS. STOCK PLANTS.
Golden Glow, 5c. V. Poehlmann, C. Touset, Yellow Chadwick, White Chadwick, B. May, Alice Byron, 4c.
Holton & Hunkel Co., Milwaukee, Wis.

Strong rooted cuttings of mum stock plants, $1.00 per 100. Cash. V. Poehlmann, Eaton, Appleton, Touset, Monrovia, Yellow and White Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Stock plants of chrysanthemums. Monrovia, Oct. Frost, Touset, Jeanne Nonin, 50c per doz.; $4.00 per 100. A. T. Hey Floral Co., Maywood, Ill.

Chrysanthemum stock plants, best varieties, $2.00 per 100. Speak quick. Cash.
Chillicothe Floral Co., Chillicothe, O.

Chrysanthemum rooted cuttings, commercial varieties, cheap. Send for price list.
H. Hayashi & Co., Alameda, Cal.

CINERARIAS.

Cinerarias, Columbian, new Scarlet Queen, Stellata, James' Prize, 3-in., ready for 4-in., $4.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, from choicest seed, big, strong plants, ready for 4-in. pots, $3.50 per 100. Cash. Addems, Morgan & Co., Paxton, Ill.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, large flowering, 2¼-in., 2c. Stellata, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

CINNAMON VINES.

Cinnamon vines, big stock, cheap.
C. Betscher, Canal Dover, Ohio.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100.
F. A. Baller, Bloomington, Ill.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

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Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

Coleus rooted cuttings. Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Rudolf Nagel, Lancaster, Pa.

Coleus rooted cuttings, 50c per 100; 2-in., $1.75 per 100. R. K. Stokesberry, Leetonia, Ohio.

Coleus, 15 varieties, rooted cuttings, 75c per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CYCLAMEN.

Cyclamen giganteum superbum, new English strain, larger flowers than any other, 10 varieties, Rococo, in all colors, 4 strains of the new salmon shades, new fringed and frilled, all that is best, nicely budded, 3-in., ready for 4-in., $7.00 per 100.
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CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, well budded and grown plants, 4-in. pots, $15.00; from 5-in. pots, $20.00 per 100; August seedlings, twice transplanted from flats, fine stock, $3.00 per 100, $25.00 per 1000.
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Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, from flats, finest selected vars., separate colors, $1.50 100, postpaid.
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Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

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Dahlias. No more orders taken for field clumps. Have large quantities of divided roots for present or spring delivery, in fifty varieties, standard sorts, mostly proven cut flower varieties. W. A. Finger, Hicksville, L. I., N. Y.

Dahlias, field-grown clumps, will divide in 3 to 5 eyes, and will make 3 to 5 plants in the spring; Catherine Duer, fine red, and Clifford Bruton, fine yellow, $5.00 per 100. Cash with order. Ralph Hornor, Mt. Holly, N. J.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
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If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
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Daisies, bellis, double white and pink, $2.00 per 1000. California Giant, winter flowering, white and yellow, 2½-in., $2.00 per 100; 300 for $5.00. J. C. Schmidt, Bristol, Pa.

New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
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Deutzia Lemoinei, for forcing, pot grown, extra heavy, from 9-in. pots, $50.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

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Dracaena indivisa, 3-in., 5c; fine 5-in. stock, 20c. Mosbæk Greenhouse Co., Onarga, Ill.

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FERNS FOR FERN DISHES, best stock, largest assortment; 3-in., $6.00 per 100, $55.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.
ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.
Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
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Fern Specialist, Short Hills, N. J.

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4-in.	$12.00	100	7-in.	$60.00	100
5-in.	30.00	100	8-in.	80.00	100
6-in.	40.00	100	9-in.	1.25	ea.

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5-in.	$30.00	100	7-in.	$60.00	100
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Ferns. Place your order now for ferns, largest stock and prices lowest, considering quality. Elegantissima, Barrowsii and Piersoni, 4-in., $15.00 per 100; 5-in., $20.00 per 100.
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McRae-Jenkinson Co., Chesswick, Pa.

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Double feverfew, strong, from flats, $1.00 per 100. Cash.
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Forget-me-nots, hardy, blue; fine plants, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

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Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, nice, large, bushy stock plants, 4-in., $8.00 100.
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Let us have your order for geraniums for immediate shipment, or to reserve until you want them. Standard varieties like S. A. Nutt, Mme. Barney, John Doyle, Alphonse Ricard, Beaute Poitevine, Mme. Landry, Berthe de Presilly, Marvel and La Favorite, $25.00 per 1000 for strong 2¼-in. pot plants. Selections of 1000 in named varieties, our choice, all good sorts, $20.00 per 1000. Tell us how many varieties you wish; can send 50 if you want that many.
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Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted. $1.50 per 100; $15.00 per 1000.
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Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelty, Red Wing, 25c each, $2.50 per doz. Write for geranium catalogue.
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Unrooted geranium cuttings, best new and standard varieties, from strong field-grown plants, packed to ship long distances. One each of 100 varieties, postpaid, $1.00 per 100; assorted, red, pink, as desired, $1.00 per 100. Cactus geraniums, four varieties, $1.50 per 100. C. W. Smyth, 94 S. Bonnie Ave., Pasadena, Cal.

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Strong 2½-in. geraniums. Write for prices and varieties. N. E. DeGolier, Loveland, Colo.

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Gladioli (the same as ever). Good mixture of Groff's hybrids and Childsii, all sizes, from $1.25 to $8.00 per 1000. Also good forcing and all leading named varieties. Ask for our "SILENT SALESMAN." English and German correspondence solicited.
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100,000 gladioli; sizes, 2 and 3-in. Silver Trophy, Sec. 2, Groff's hybrids and mixed seedlings, cheap for cash. Smaller sizes and bulblets, cheap.
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Hydrangea Otaksa, for next spring flowering, sturdy plants from 3-in. pots, $5.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
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Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c.
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An offer of your surplus stock, placed in THE REVIEW'S classified department, will be seen by nearly every buyer in the trade.

Hydrangea Otaksa, pot-grown, fine plants, in 6-in. pots, $15.00 per 100.
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Iris, Japanese, 50 varieties, $3.00 per 100.
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Iris, all types. Very select list.
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Ivy rooted cuttings. English, $1.00; German, 50c per 100, prepaid. Cash.
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English ivy, 4-in., 12½c. Will exchange for rose stock. The Newburys, Mitchell, S. D.

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American Wonder lemons, strong plants in 2½ in. pots, $2.50 per 100.
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Lily of the valley for prompt delivery. Exposition grade, extra fancy, in cases of 2000 crowns, $32.00 per case; $17.00 per 1000. Perfection grade, true Berlin, in cases of 1000 pips, $14.00 per case. Holsatia grade, fine for later forcing or cold storage purposes, in cases of 2500 pips, $30.00 per case; $13.50 per 1000.
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Lily of the valley, Bruns' celebrated Chicago Market brand, $15.00 1000; $1.75 100. Berlin pips, early forcing variety, $1.50 100; $13.00 1000. Fancy cut valley always on hand.
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Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or reference, please.
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Double lobelia, Kathleen Mallard, strong and well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

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Madeira vines, big stock, cheap.
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NURSERY STOCK.
Elm, 3-4 ft., $3.50 per 100; 4-5 ft., $6.00; 6-8 ft., $12.00; 8-10 ft., $18.00.
Ash, 6-8 ft., $12.00 per 100; 8-10 ft., $18.00.
Maple, silver, 3-4 ft., $3.50 per 100; 4-5 ft., $5.00; 6-8 ft., $10.00; 8-10 ft., $18.00.
Catalpa, 4-5 ft., $5.00 per 100; 6-8 ft., $10.00.
White birch, 8-10 ft., $28.00 per 100; 10-12 ft., $35.00.
Wild B. cherry, 8-10 ft., $28.00 per 100.
Silver-leaved poplar, 6-8 ft., $15.00 per 100; 8-10 ft., $25.00.
Niobe weeping willow, 6-8 ft., $35.00 per 100; 8-10 ft., $40.00.
German iris, in variety, $3.00 per 100.
Golden Glow, $3.00 per 100.
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Peonies, mixed, 3 to 5 eye divisions, $5.00 per 100. Pink, 3 to 5 eye divisions, $6.00 per 100. White, 3 to 5 eye divisions, $7.00 per 100.
Packing extra.
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PEONIES, HARDY PLANTS.
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Boxes of ASSORTED ORCHID FLOWERS, $5.00 and upward.
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Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

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Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
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Kentia palms, bushy, made up plants, 3 plants in a pot, 44 to 48 in. high, $5.00 each; 48 to 54 in. high, $6.00 each. Kentia Belmoreana, 4-in. pot plants, 4 to 5 leaves, 15 in. high, $4.20 per doz.; $30.00 per 100.
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700 Latania borbonica, 4-in. pots, $20.00 per 100. Need the room and cash.
Chillicothe Floral Co., Chillicothe, O.

Pandanus Veitchii, fine plants, 6-in., $1.00 each; $12.00 per doz.
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Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
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Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
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25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
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Pansies, choice assorted, strong, transplanted, 50c per 100; $4.00 per 1000.
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Field-grown pansy plants, $3.00 per 1000; 2000 for $5.00.
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Pansies of my well known strain, none better, $2.00 per 1000. J. C. Schmidt, Bristol, Pa.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

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Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Layal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. F. H. De Witt & Co., Wooster, O.

Pelargoniums, 70 best varieties, including all the best new and older sorts; 3½-in., fine, bushy stock, ready for a shift, clean and thrifty, $7.00 per 100. J. Sylvester, Florist, Oconto, Wis.

PEONIES.

PEONY MONS. DUPONT.
And 90 others.
For fall planting. Send for free price list of phlox, iris and peonies.
FRANK H. WILD FLORAL CO.,
Sarcoxie, Missouri.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, 1200 sorts, big stock. Send for list. Largest collection anywhere.
C. Betscher, Canal Dover, O.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

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Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Dreer's double petunias, mixed, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Petunias, dble., rooted cuttings, $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

Petunias, all the good ones. See display adv.
John Irvine & Sons, Bay City, Mich.

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HARDY PHLOX.
Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100; $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

PILEAS.

Pileas, strong 2-in., 1½c. Cash. Bargain. 10% disc. on all plants. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

PRIMULAS.

Primula obconica, 4-in., large plants, mixed colors, full of bud and bloom, $5.00 per 100. Sinensis, 4-in., mixed colors, double and single, fine stock, $8.00 per 100. A bargain. Try them.
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Primula obconica, all colors, 3-in., $3.00 per 100, 200 for $5.00; 4-in., $5.00 per 100.
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Primula, Chinese, in bud and bloom, shipped in 4-in. pots, 10c. Obconica, 3-in., 3c.
Wettlin Floral Co., Hornell, N. Y.

Primula obconica, extra strong stock, 2-in., $2.00 per 100; 2½-in., $2.75 per 100. Baby primrose, 2-in., $2.00 per 100.
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While they last, obconicas and Forbesi primulas, 2-in., 1½c; 3-in., 4c.
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Primula obconica, in bud and bloom, out of 4-in., $6.00 per 100. Cash.
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Primula obconica, giant hybrids, strong, 3-in., $5.00 per 100.
John F. Rupp, Shiremanstown, Pa.

Primulas. Obconica, alba, rosea, hybrida, rubra, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, ready for 4 and 5-in. pots, $6.00 per 100. Wm. Ehmann, Corfu, N. Y.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

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J. C. Schmidt, Bristol, Pa.

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California privet, 1-yr., 12 to 18 in., branched, $10.00 per 1000; 2-yr., 2½ to 3 ft., 10 to 15 branches, extra heavy, $25.00 per 1000, packed.
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Resurrection plants and cacti. Cheap. Ask for prices. William Tell, Austin, Tex.

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Rooted geranium cuttings, Doyle, Nutt, Hill, Buchner, Landry, $1.15 100, $11.50 1000; 2-in., $2.00 100, including double Grant, $18.00 1000. Heliotrope, ageratum, cuphea, double alyssum, 50c 100. Double nasturtium, 75c 100. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Rooted cuttings. Fuchsia, $1.00; Salvia Bonfire, 80c; heliotrope, dark, 75c; coleus, 60c; vinca, 90c; ageratum, 50c. All per 100. Cash.
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Rooted cuttings of anything you want. See display adv. John Irvine & Sons, Bay City, Mich.

List of 1c, 2c and 3c rooted cuttings of roses, verbenas, etc. Gem Nursery, Los Gatos, Cal.

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Roses, A 1 quality, satisfaction guaranteed.
Medium size, 1-year.
Richmond, own root.....$6.00 100; $55.00 1000
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Kaiserin, own root..... 4.00 100;
Extra strong, 2-year.
Kaiserin, own root.....$8.00 100; $75.00 1000
Maid, grafted on manetti 7.00 100; 65.00 1000
Cash with order.
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Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100; $25.00 1000.
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ROSE PLANTS, 2¼-IN.
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Extra early Hohenzollern, white, rose, The Bride	$1.00	$0.20
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Giant Comet, The Bride, rose, yellow, blue, white, peach blossom	1.00	.20
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Queen of the Market, white, pink, light blue	.50	.10
American Beauty	1.50	.20
Lavender Gem	1.50	.20
Snowdrift	1.50	.20
ANTIRRHINUM—		
Giant, white, striped, scarlet, yellow, garnet	.40	.10
PANSY—		
Currie's International Mixture, ⅛ oz., $1.25	8.00	.50
Giant Florist's Mixture, ⅛ oz., 60 cents	4.00	.35
SALVIA—		
Splendens	1.00	.15
Bonfire	2.00	.25
Zurich	2.50	.25
VERBENA—		
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Snapdragons, giant white, pink, scarlet, yellow, separate, ready to pot in 2-in., to follow mums, $1.00 per 100, $8.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000. Cash.
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Review
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INDIANAPOLIS.

The Market.

We have just passed through one of the most successful Christmases that we have had in years. The weather conditions were ideal up to Christmas eve, when there was a fall of about seven inches of snow, followed by a cold wave, which made delivering a hardship and, no doubt, cut in on the Christmas morning's sales. However, we have no right to complain, as this was by far the best Christmas that we have had in years. Preceding and following Christmas there were a number of debutante parties, calling for numerous decorations and no end of flowers as gifts.

As a rule, stock was plentiful and brought good prices; roses retailing at from $3 to $6 per dozen; carnations, $1.50 to $2, and American Beauties, $18 to $24. Most of the violets were the eastern stock and brought $4 per hundred. Poinsettias, valley, orchids, hyacinths and Paper Whites were in good supply and sold well. In pot plants, azaleas had the call, with cyclamen next. A great many good Lorraine were to be had, but they are becoming less popular each year. Primulas were in abundance and sold well. A number of florists experienced considerable trouble in their stock not arriving on account of the railroads being tied up by the heavy fall of snow.

Various Notes.

A. F. J. Baur spent Christmas at Richmond with relatives.

John Rieman and A. Wiegand & Sons have added new wagons to their equipments.

Hans Kipke, of A. Wiegand & Sons, went to Chicago to attend a dance Christmas night. His train got tied up in the snow storm and he did not get there until the next day, spending twenty-four hours on the way. H. L. W.

LIMA, O.—The greenhouses of E. N. Zetlitz were damaged by fire on the night of December 20. The immediate loss by fire, water and frost was estimated at $2,000, but the misfortune was rendered more serious by the fact that it occurred at the height of the holiday demand. The fire started in the boiler room and was confined to the rear part of the buildings.

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Standard Flower Pots
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2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.
Cash must accompany order.
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HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
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STRONGEST, LIGHTEST, MOST POROUS.
Packed in strong, hardwood crates. Plenty of straw.
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No.	Top.	Deep	Price
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2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50



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Greenhouse Heating.

GAS OR COAL.

Can you, or some of the readers of the Review, tell me the relative value of natural gas at 4 cents per thousand cubic feet for heating greenhouses, compared with soft coal at $2 per ton? I am contemplating building a wholesale plant and any information will be appreciated.

J. W. D.

The natural gas would be found far more economical than soft coal at the prices mentioned, especially as there would be a large saving in the care of the heating plant.

HEAT FOR VEGETABLE HOUSE.

We have a house 14x60, eight feet to the ridge and five feet to the eaves, with two feet of boards in the sides, lined, and three feet of glass. The ends are glass, except two feet at the bottom, which is boarded and lined. We intend to grow vegetables in beds on the ground. Please let us know how many lines of pipe will be required to heat this house to 45 degrees. We wish to use 2-inch pipes, hanging them on the posts along the sides of the house. Our temperature here, in northern Maryland, rarely goes below 10 degrees above zero.

R. H. L.

To heat the house described to 45 degrees, about 300 square feet of radiation will be required, but it will be well to have a boiler with a rating of 450 square feet. For radiating surface, a simple method will be to run one 2½-inch flow and three 2-inch returns on each wall. Or, if it is desired to use nothing but 2-inch pipe, it will answer if two flows and six returns are used in the house.

PIPING IN WESTERN NEW YORK.

Kindly tell me what is the cheapest and most efficient way to heat one house with hot water. A temperature of 56 degrees is wanted, in an outside temperature of 15 degrees below zero. The house is 32x200 feet, fifteen feet to the ridge and four and one-half feet to the eaves. It is a separate house, with a 2-foot cement wall and two and one-half feet of glass in the side walls, which are solid and eight inches thick. The east gable is protected by a connecting house; the west gable is not protected. The land has a fall of about two feet from west to east, toward the boiler, and the boiler is placed in a cellar seven feet deep. The main flow and main return must travel about thirty-five feet through a connecting house; this is the distance from the boiler to the center of the house in question.

I wish to use 2-inch pipes. Please state how many are needed. Where should be the highest point of the flows, at the farther end of the house or near the boiler? A 100-gallon expansion tank stands fifteen or sixteen feet above the top of the boiler. I have a large Kroeschell generator.

A. J. P.

To heat a house 32x200 feet to 56 degrees in weather 15 degrees below zero will require about 3,000 square feet of radiation. To furnish this, using 2-inch pipes, it will be necessary to put in twenty-four, of which one-half should be flows. It will simplify matters, however, if eight 2½-inch flows and fourteen 2-inch returns are used. If a large heater is used, it would answer if there are only seven 2½-inch flow pipes.

When the houses are so located that it is feasible to give the flow pipes a slight fall, it is possible to connect the expansion tank with the highest point in the flows, which will be at the end nearest the heater, and this is recommended in the present case. If this cannot be done, it will be necessary to place an air valve at the highest point in the flows. To connect the boiler with the piping in the houses, it will be well to use two 4-inch flow pipes and the same for the returns.

THE HIGHEST POINT.

In the matter of heating with hot water, I have always supposed and been taught to believe that the highest point and expansion tank should be at farthest point from the boilers. I now see in the catalogue of a prominent firm in that line a statement that the highest point should be over the boiler. Will you please give me the facts in the case?

J. J. T.

It is always advisable to have the highest point in a hot water heating system at the end of the house nearest the boiler. While it will make little difference in cases where the return pipes are several feet above the top of the heater, the advantages of this method of piping are quite marked when the return pipes are on a level with, or below the top of the boiler.

The circulation in a hot water system is due to the unequal weight of the water in the opposing columns. One of these contains the water from the bottom of the boiler to the highest point in the system, in what we may call the flow or warm side, while the other is filled with the water between the highest point and the heater in what may be considered the return, or cooling portion of the system. The closer the highest point is to the heater, the warmer the water will be, as it will have had less opportunity to cool off; hence, since the weight of water lessens as the temperature increases, and increases as the temperature becomes less, the shortening of the distance between the heater and the highest point in the system tends to increase the difference in the weight of the water in the flow and return systems and hence to hasten the circulation.

The circulation of the water in a hot

What's This?



It's the New

Perfection Flue Cleaner

and we want to send it to you for 30 days' FREE trial.

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

Scully Steel & Iron Co.
Halsted and Fulton Sts., Chicago, Ill.

Mention The Review when you write.

FOR $1.00



We will send you by express, all charges prepaid, a one pound can of

Tripp's Pipe Joint Compound

Ground in Boiled Linseed Oil, ready to use, and a one pound package of

Tripp's Iron Repair Cement

The Alan H. Tripp Co.
260 S. Clark Street, CHICAGO

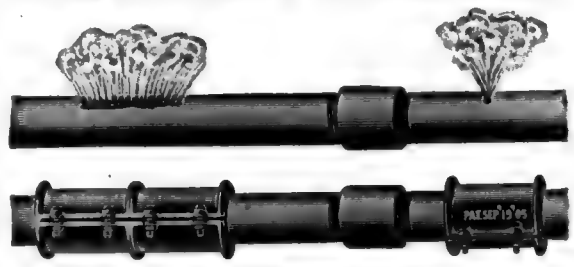
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Leaks Ruin Stock

Don't Have Them

Our Emergency Pipe Clamps

are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



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Pipe Repairs and Steam Specialties

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SMITH, LINEAWEAVER & CO.

COAL

Anthracite, Bituminous, Coke and Gas Coal

West End Trust Building, **Philadelphia**

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Metallic Thermometer "A"

SIZE—8 inches high, 4 inches wide, 2 inches deep. Case made of cast aluminum, highly finished.

This little instrument is an accurate, fully tested thermometer showing the correct temperature at all times, and combines a device which will ring a bell at your bedside when the greenhouse gets either too hot or too cold.

The florist needs protection against the overheating of his greenhouses as well as a protection against cold, for which we can highly recommend our type "A." This device serves both purposes, and at the same time indicates, as previously stated, the actual temperature in his greenhouse.

We guarantee that actual results will at all times be obtained. This device has been subjected to the severest tests in our laboratory, for over two years, and at the same time has given entire satisfaction, under all conditions, to many users in the trade.

All you have to do is to set the pointers at the highest and lowest temperatures you want, and the thermometer will do the rest. It will ring a good, loud bell when either point is reached.

This device saves all worry over trouble from sudden temperature changes.

Investigate it today.

The "National" Differential Temperature Alarm



SIZE—4 inches in diameter, 1⅛ inch deep. Casing made of Sheet Aluminum.

A sudden cold snap, or a rapid thaw, may mean hundreds of dollars' loss because your greenhouse gets too hot or too cold before you realize the sudden change that has occurred.

Protect yourself from such danger

Our Differential Temperature Alarm is specially designed for florists' use and is **guaranteed** to give absolute protection from the dangers before stated. Set the pointers at the highest and lowest temperatures desired and this device will positively ring a bell at your bedside when either point is reached.

Over 2,000 of these instruments are now giving complete satisfaction to florists throughout the country.

It is constructed of the very best material available for the purpose, and contains no complicated mechanism; hence serves its purpose a lifetime.

The pointers on face of instrument can be set so as to allow a difference between a possible increase or decrease of temperature of only two degrees. All that is necessary is to change position of pointers by loosening set screw in center so as to set the pointers or hands on face of dial; then tighten said set screw.

We also manufacture separate instruments; No. 1, to ring a bell when the house gets too hot; No. 2, to ring a bell when the house gets too cold. Of course, the most useful is the instrument illustrated above, which is a combination of both No. 1 and No. 2.

Let us send you our catalogue of styles and prices. A postal will bring it

National Clock & Electric Mfg. Co.

2207 Pine Street

SAINT LOUIS, MISSOURI

WILKS
Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses :: ::
No night fireman required with our Self-feeding Hot Water Boilers.
Send for Catalogue and Prices
S. WILKS MFG. CO.
3523 Shields Ave., CHICAGO

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water system is not unlike the turning of a wheel weighted upon one side, the heavier side tending to seek the lowest point, and in doing this the other side is carried to the top. In a hot water heating system the cooling of the water acts as a weight, on one side, while the water heated in the boiler, on the other, is considerably lighter and is pushed up into the flow pipes by the heavier water in the returns.

For a more complete discussion of the question, our inquirer is referred to the chapter on heating, in "Greenhouse Construction," by L. R. Taft, which is sent postpaid by the Review for $1.50.

PROVIDENCE, R. I.

The Market.

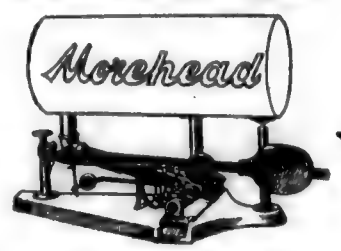
Christmas in this city was green up to the closing hours of the day, when the first snow blizzard of the winter began and continued intermittently during the night and all day Sunday. In consequence of the moderate weather, the florists all did a record business. With them it was certainly a green Christmas, for never was there so much holly, boxwood and other greens sold here. Good prices obtained, yet within the means of everyone, with the result that everyone bought.

Potted plants showed increased popularity and poinsettias, cyclamen, primroses, azaleas, ardisias and oranges found ready sale, at prices that netted substantial profits. Palms and ferns sold to some extent, but not to compare with the flowering plants. There was an advance of about one-third over normal prices on cut flowers and the supply and demand about balanced. Richmond roses took a big jump in demand and dealers found it almost impossible to keep any on hand, while Beacon carnations led all others. A number of large funerals, the orders for which were well distributed, also put the trade to a test at this season.

Club Meeting.

The first monthly meeting of the Rhode Island Florists' and Gardeners' Club, under its newly elected officers, was held in its hall, 98 Westminster street, Monday evening, December 19, with President Robert Johnston in the chair, and an unusually good attendance, in view of the holiday season. H. Howard Pepper, of Providence, was admitted to membership. The meeting was necessarily a short one, as many of the members were anxious to get away, so the usual discussion and question box were omitted. It was decided to hold the annual supper of the club at Brucker's hotel on some evening in January, to be decided upon later, and a committee, consisting of Eugene Appleton, Alexander Macrae and Harry Clark, was appointed to make the necessary arrangements.

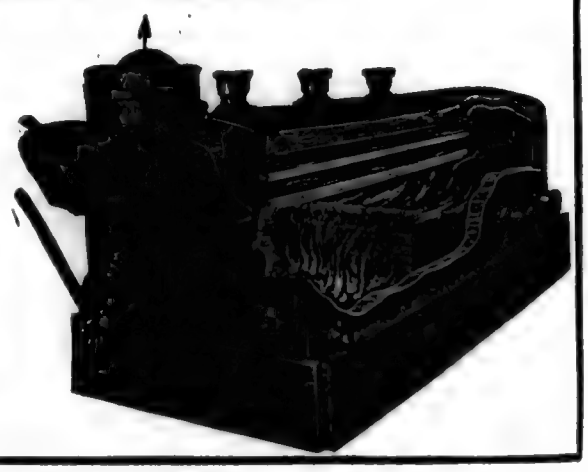
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The reason more Morehead Steam Traps than any other make have been sold in the past twenty years is because they are directly responsible for a better growth of flowers wherever installed. "The best investment we ever made." is the statement we invariably receive.
"How and why" in the Trap Book. Send for it.
MOREHEAD MFG. CO., Dept. M, Detroit, Mich.

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THE KROESCHELL BOILER NOT CAST IRON
HAS
WATER FRONT SIDES TOP BACK
New Catalogue and prices on application.
Kroeschell Bros. Co.
444 Erie St., Chicago



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Various Notes.

For the first time this winter the growers hereabouts had to push furnaces and watch their fires on the nights of December 25 and 26.

James T. McKevitt, of Bristol, met with a peculiar accident recently, which resulted fatally. Further particulars will be found in the obituary column.

Henry Petit, with John F. Wood, met with a painful accident December 23. While using a pruning knife in cutting up boxwood for wreaths, the knife slipped, inflicting an ugly wound across the fleshy part of the left thumb that required four stitches.

Thomas H. Greene has purchased the Summit street greenhouses from Jon[a]s Brook, of Woonsocket, and will continue them. Mr. Greene was formerly proprietor of the Greene flower store, in Woonsocket, and has had several years' experience.

John Burke, with William Hay, has recovered from a serious attack of the grip.

T. J. Johnston & Co., Edward Brook manager, employed three large express wagons all day December 24 making deliveries.

Willis S. Pino was one of the guests at the banquet given by the Rhode Island Congregational Club, at the Churchill house, December 20, in honor of Forefathers' day.

William Appleton sold over a thousand trees at his place on Broadway and had orders for several thousand feet of

BUY THE
Taylor Automatic RETURN TRAP



AND SAVE MONEY
Write for our **Guarantee and Best Prices**
TAYLOR STEAM TRAP CO.
BATTLE CREEK, MICH., U. S. A.

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GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of
GRATE BARS
both rocking and stationary
Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.
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Superior Machine and Boiler Works
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L. D. Phone, Monroe 1008.

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evergreen roping for church decorative purposes.

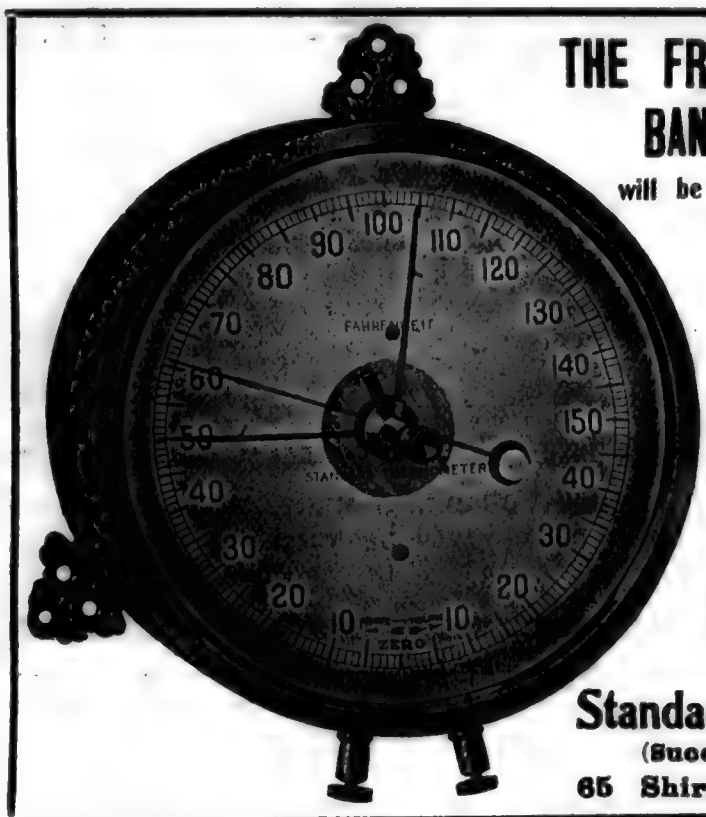
Matthew Macnair's three fancy crystal and silver mounted delivery wagons were much in evidence, in all parts of the city, making deliveries last week.

Johnston Bros. worked all night December 23 with seven extra assistants, getting orders ready for delivery the next day.

Kopelman's was a busy place the last three or four days before Christmas. Some time ago he negotiated for the entire production of several of the growers, not only here but in Massachusetts, and had special arrangements with Boston for both potted and cut stock, but he could not get it fast enough to keep pace with the demand made upon him by the retailers.

John Declerow was arrested at Pawtucket, December 22, for stealing several wreaths from the store of M. J. Leach & Sons. W. H. M.

NORFOLK, VA.—A. M. Newton and others have incorporated their business here, under the name of the Newton Floral Corporation. The maximum capital stock is $15,000; minimum, $5,000. The officers are: President, A. M. Newton; vice-president, L. E. Guy; secretary and treasurer, A. R. Newton.

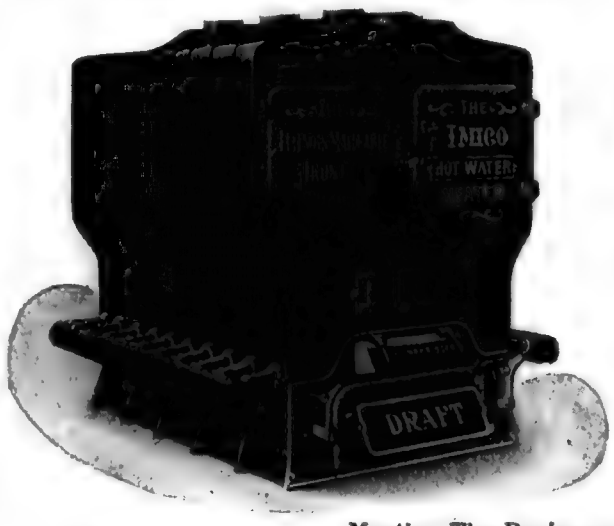


THE FREEZE-OUT THAT BANKRUPTS THE FLORIST
will be avoided by those who have our
STANDARD THERMOSTAT
STYLE 1
Diameter, 6 in. Price, $5.00 each
It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.

MENASHA, WIS., Jan. 9, 1909.
THE PARKER MFG. CO.,
Boston, Mass.
GENTLEMEN: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.
Yours very truly,
JOS. B. FROEHLICH.

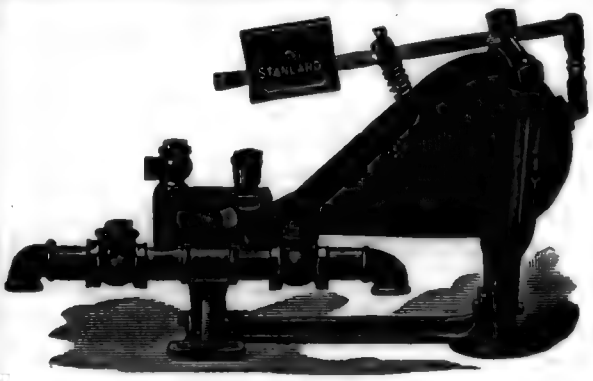
Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.

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IMICO
Hot Water Boilers
Made by
ILLINOIS MALLEABLE IRON CO.
1801-1825 Diversey Boulevard
CHICAGO
Are noted for coal economy and good results generally
SEND FOR CATALOGUE

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The Standard Steam Trap
is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.
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DRAPER'S
Recording Thermometer
Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed.
Size 14 x 20 in., price $30.00
" 9 x 14 in., " 20.00
THE DRAPER MFG. CO.,
153 Front St., New York

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DO YOU KNOW ABOUT THE
Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO. 283 Dearborn St. CHICAGO

High-Grade Boilers
Get Our Catalogue For GREENHOUSES
STEAM and HOT WATER
GIBLIN & CO., Utica, N. Y.

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Steel Return Tubular Boilers
The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.
JOHNSTON HEATING CO.
138 E. 31st St., NEW YORK

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ELECTRIC HOSE & RUBBER CO., WILMINGTON, DELAWARE, U. S. A.

...Rubber Hose Specialists...

Look for this Brand.

The only manufacturers devoting their entire time and attention to the manufacture of Rubber Hose.



Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

MANUFACTURERS OF ELECTRIC GARDEN HOSE

Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Write for prices.

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DREER'S

Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.
The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
½-inch,	"	13 c.
Reels, 500 ft.,	"	12½c.

Couplings furnished.
HENRY A. DREER,
714 Chestnut St.,
PHILADELPHIA, PA.

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"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



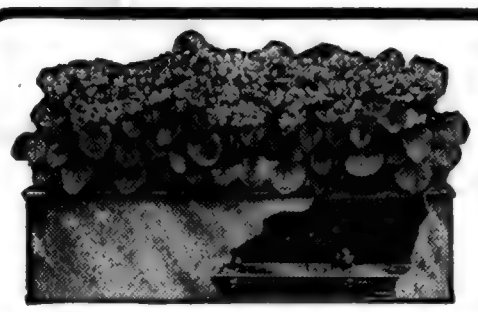
Old Style—Readily Kinks

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REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.

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Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. Your jobber will supply you, or write to

Handsome illustrated booklet sent free on request. **ILLINOIS HEATER & MFG. CO.** 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

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DETROIT.

The Market.

Tired, but happy, are the Detroit florists. Everyone expected to do a big business, but it far exceeded all expectations. A good feature about business this year was that buying was commenced earlier; not that many orders were placed the week before, but along about Monday of Christmas week business opened up nicely. Medium-priced plants were in best demand. Poinsettias, begonias, primroses, acacias, ericas and azaleas seemed most popular and Boston ferns were also in big demand. Many cyclamens were sold, but the call for these did not equal that of other plants.

The market was almost glutted with carnations of only medium quality on Christmas day, and many went to waste. It is to be hoped that this will serve as a lesson to those growers who still insist on pickling carnations. A week before Christmas it was almost impossible to get any carnations in this market, most growers claiming to be off crop, while in reality they were piling them up for the holidays.

The demand for holly wreaths was unusually heavy this year, and Christmas trees were worth their weight in gold Christmas eve. Last year many dealers lost money on trees; consequently, this year the supply was not nearly equal to the much increased demand.

Various Notes.

Christmas came pretty close to being a sad one for J. P. Kayl, as a section of his boiler burst Christmas eve. After spending most of the night standing waist deep in water, Mr. Kayl managed to get the leak stopped before any damage was done.

The local express companies were swamped with Christmas goods, and many of the florists suffered on this account. A shipment of orchids for E. A. Fetters came through frozen stiff. A shipment of 5,000 violets for B. Schroeter came through a day too late.

The Michigan Cut Flower Exchange handled a fine lot of roses for Christmas and filled all orders most satisfactorily.

HUGO SCHROETER.

ALLENTOWN, PA.—John P. Mederna h celebrated his eightieth birthday December 18. He is employed by the Lehigh Valley railroad as the florist at its Gordon street depot, and his garden is so rare a sight that many people come from a distance in spring and summer to visit it.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
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KILMDEAD



The best of all the tobacco dusts for Dusting or Fumigating

25 lbs., $1.00 100 lbs., $ 3.00 1000 lbs., $27.00
50 lbs., 1.75 200 lbs., 14.00 2000 lbs., 52.50

Stumpp & Walter Co. 50 Barclay St., New York.

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green Flies and Black ones too

are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO.,
MOUNT VERNON NEW YORK.

Mention The Review when you write.

Peerless Sulphur Blower

"A great improvement over the bellows."

Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

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THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine
FOR SPRAYING

FUMIGATING PAPER
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Fumigating Powder
FOR SLOW BURNING

DUSTING POWDER
FOR VEGETABLE GROWERS

You will have no trouble with insect pests if you use these products as directed.

Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT

76-78 Wabash Ave. CHICAGO.

Mention The Review when you write.

GOOD'S Caustic Potash Whale Oil **SOAP No. 3**

Best for spraying trees, plants, shrubs. Protects berries, small fruits, flowers, grapes, cabbages, etc.

KILLS SAN JOSE SCALE

Sure death to all parasites and insects. Contains active fertilizers.

No salt, sulphur, mineral oils or other substances to harm soil or trees.

Endorsed by U. S. Dept. of Agriculture.

JAMES GOOD, Original Maker,
965 N. Front Street Philadelphia

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Awarded diploma and medal, 1907, for the celebrated **Shower Maker, $1.00**
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopesay, South Bend, Ind.

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For Sale

GLASS, write for prices.

PECKY CYPRESS Best bench board known. $23.00 per 1000.

PIPE Good, serviceable, second-hand, no junk. ¾-in., 1¾c per ft.; 1-in., 2½c per ft.; 1¼ in., 3½c per ft.; 1½-in., 4c per ft.; 2-in., 5½c per ft.; 2½-in., 8½c per ft.; 3-in., 11c per ft; 4-in., 16c per ft. All kinds of fittings for 4-in. cast iron. All sizes new, black and galvanized wrought iron pipe carried in stock. Pipe cut to sketch.

BOILERS One new Ideal sectional boiler, will heat 4200 sq. ft. of glass; price, $130.00. We always carry a large stock of new and second hand, round or sectional, hot water or steam boilers. Write for special prices. We have the largest stock of boilers, round and sectional, new and second-hand, hot water and steam, in New York or Brooklyn.

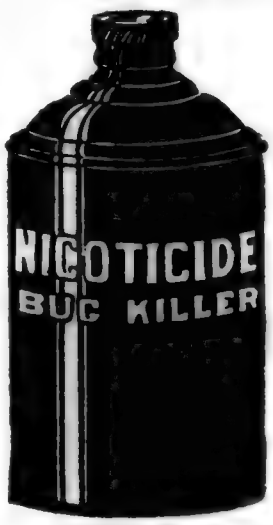
PIPE-FITTING TOOLS New and old. Large stock always on hand.

GARDEN HOSE In lengths up to 500 ft., with couplings, 50-ft. lengths carried in stock. ¾-in., 3-ply, guaranteed 100 lbs. pressure, 8½c; 4-ply, guaranteed 150 lbs. pressure, 9c; 4-ply, guaranteed 250 lbs. pressure, 12½c.

METROPOLITAN MATERIAL CO.
Greenhouse Wreckers

1894-1404 Metropolitan Ave., Brooklyn, N. Y.

Mention The Review when you write.



THE BEST Bug Killer and Bloom Saver

Drop us a line and We will prove it

P. R. PALETHORPE CO.

Dept. A

Owensboro, Ky.

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PITTSBURG.

The Market.

The day after Christmas brought good reports from all who could be seen. Trade generally was quite satisfactory and up to all expectations, although it looks as if the plant trade had been greatly increased at the expense of the cut flower trade.

There never was a finer lot of plants shown in this city. In blooming plants azaleas, begonias, cyclamens and primulas were largely in evidence. There were poinsettias in 3-inch pots up to 12-inch pans, thousands of them. For once, there was no scarcity of red for Christmas. These, with ardisias, ferns, etc., were arranged in beautiful baskets, which could be bought for $1.50 to $25 each, and one peculiarity about the business was that there was no effort to get exorbitant prices for plants, while cut flowers were kept well up.

Though I have heard no complaint, Begonia Lorraine seems to have got a black eye, for wherever anything was left they seemed to be the most in evidence and looked the worst for the wear.

The weather was pretty cold for delivering and everything had to be well wrapped.

Cut flowers met with about the usual demand and everything was good. The day of pickled stock seems to be a thing of the past in this city, and it is well. Most of the growers about here have learned their lesson, and in some cases the experience came high. No one wants pickled stock at any price.

Violets, which should have arrived at 7 a. m. on the morning of December 24, did not arrive until 5 p. m. and had a close shave, as many of the retailers hesitated to book orders, for fear the stock would not get in, and there was none for immediate delivery. They all moved, however.

One thing commented on by some of the wholesalers was that after the Thursday night delivery the trade, as far as the wholesalers were concerned, stopped.

Beauties were not sought after to any great extent, and it was a case of push with both the wholesaler and retailer. However, on the whole, it was a highly satisfactory Christmas from the cut flower men's point of view.

The green goods people did fairly well. There was not a great deal of good holly, but plenty that was not really good. Christmas trees were a drug on the market, and I understand that there are still cars that have not been unloaded. Last year there was a shortage.

Various Notes.

Mrs. E. A. Williams turned out one of the finest delivery autos in the city on Monday, December 20, which did good service in the Christmas deliveries.

J. W. Elliott's auto was in a collision last Friday. While all were badly shaken up, Mrs. Elliott was the only one seriously injured. She was taken to the hospital, but it is thought she was suffering more from the shock than from her injuries, and that she will soon be better.

John Bader has just unloaded a car of French lilac for forcing. He reports this as his best Christmas for plants.

Hoo-Hoo.

Dover, N. H.—Charles L. Howe, the Garrison Hill florist, recently made a business trip to Bangor, Me.

A Catalogue Worth Having

Our new Boiler Catalogue is a valuable book to any florist, large or small, and everybody who has a greenhouse ought to have one of them by all means. This catalogue tells you all you want to know about greenhouse heating and tells it in a simple manner, so that everything is easily understood.

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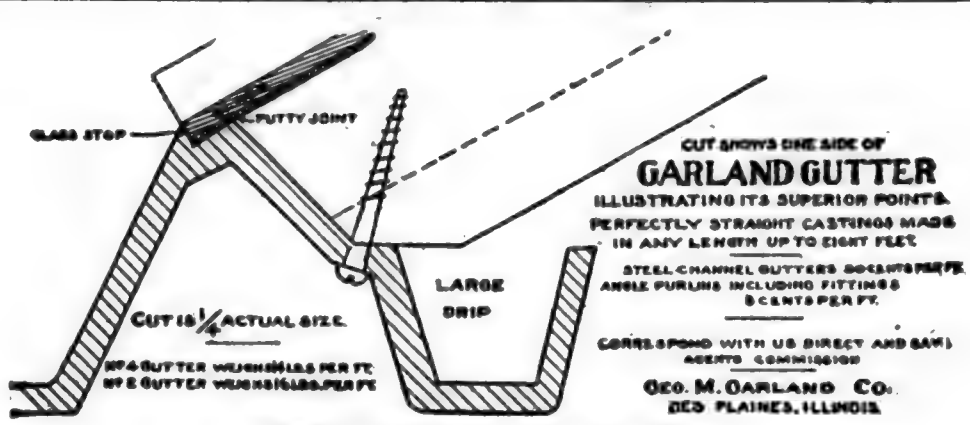
It is constructed with three things in mind—first, to be lightest possible—second, to be a laster—third, to be attractive. All these three it is.

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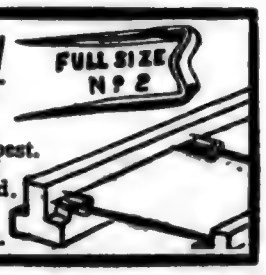
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Florists' Review

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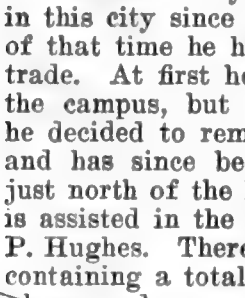
HILLSDALE, MICH.

The youngest concern in the florists' trade in this city is named the Bushong Gardens, and has greenhouses on Lewis street, in the west part of the city. On account of sickness in Mr. Bushong's family, the greenhouses have not been looked after much this winter, but in February they will be fully stocked up. Mr. Bushong makes a specialty of outdoor plants.

J. H. Ellis has been a resident of this city for nearly forty years, and for over a quarter of a century he has conducted a greenhouse on West street, near the new high school building. In his earlier years he was connected with the New York Associated Press. He arrived in Hillsdale in 1871 and went into the shoe business. His principal reason for turning to the florists' trade was the hope that he might thus benefit his health, which has been feeble for many years.

Wellington Hughes, the proprietor of the Hillsdale City Greenhouses, has lived in this city since 1869, and during most of that time he has been in the florists' trade. At first he located over north of the campus, but about eight years ago he decided to remove nearer to the town and has since been on Hillsdale street, just north of the Lake Shore tracks. He is assisted in the business by his son, C. P. Hughes. There are three greenhouses, containing a total of about 5,000 feet of glass, and a general stock is grown. Some of the Easter lilies look especially promising.

One of the best constructed and best conducted greenhouse ranges in southern Michigan is that of Carl Hirsch, in this city. Mr. Hirsch is not only proprietor of the Hillsdale Floral Park, but also the landscape gardener for the Lake Shore railroad, having charge of all the railroad's gardens between Chicago and Toledo. He removed to Hillsdale fifteen years ago and has been in the business here for fourteen years. At first he had merely one house; today there are eight houses, covering an area of 30,000 square feet. Six of the houses are given over to carnations, one to chrysanthemums, one to roses, and one to palms and ferns. Mr. Hirsch furnishes all of the plants for the gardens of the Lake Shore in his territory; this means about 20,000 a year. Just outside of the city limits he has a farm, or nursery, whence he gets the shrubbery for the Lake Shore. He has just completed the remodeling of his greenhouses, using cement and iron as much as possible in the construction. The foundations, sidewalks and benches are nearly all of cement. The office is an attractive place, with a rustic fountain and a fish pond. Mr. Hirsch has been in the flower and landscape gardening work for thirty years, having learned in Germany, the land of his birth. His father, Carl Hirsch, Sr., assists him in the work for the Lake Shore.



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is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** at latest, instead of Wednesday morning, as many have done in the past.

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Please cut out our advertisement, for we are sold out of stock. Please attend to this at once, as we do not want to answer any more letters. Thanking you for past favors.—**Scharff Bros.**, Van Wert, Ohio.



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A Standard Pumping Engine is more reliable than windmills and will furnish a much higher pressure. Catalogue on request—will tell you more.

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HINSDALE, N. H., U. S. A.

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PLACE ORDERS NOW

It will be open-air dried in the South and delivered when you want it.

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Telephones Lincoln 410 and 411.

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For benches, lasting and least expensive

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CALDWELL TANKS

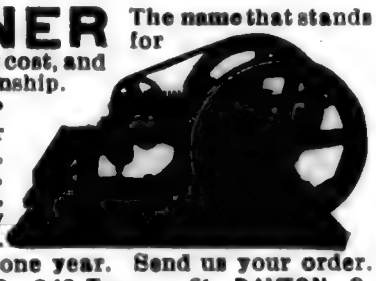
of Galvanized Steel are used everywhere. Sizes up to 1200 gallons can be shipped set up at small cost for freight. These tanks are strong, tight and durable. Cost less than wood tanks. Ask for illustrated catalogue and delivered prices.

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STEINER The name that stands for big power at low cost, and perfect workmanship.



How is this? A 2½-H. P. air cooled engine, set on skids, wired and piped, complete, ready to run for $81.86. Guaranteed for one year. Send us your order.

M. STEINER & CO., 242 Torrence St., DAYTON, O.

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DON'T MISS

Looking over our adv. in April 22 and May 6 issues. We offered some great values. Some fine Rubbers offered at $3.00 and $4.00 doz.

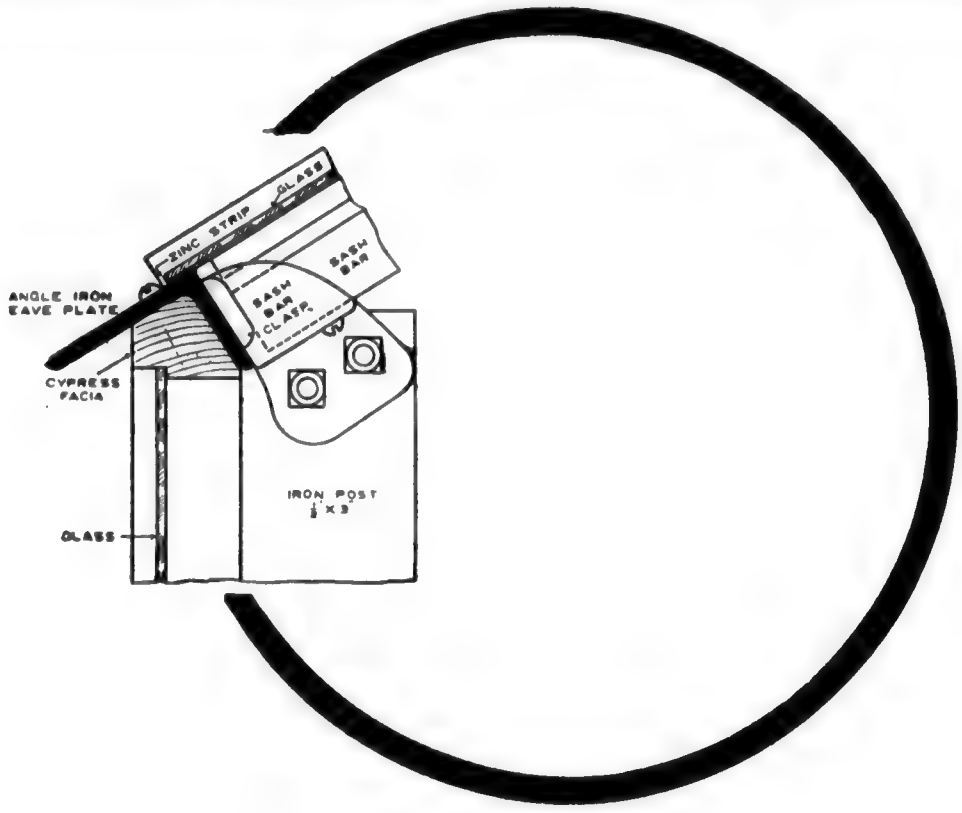
Our Flowering Begonias are fine.

THE REESER FLORAL CO., Urbana, Ohio

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Florists' Review

When Writing Advertisers



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That is to say, you can talk the "good-enough-for-me" argument in favor of the wooden plate and toe-nailed roof bars, until both of us are black in the face, but when you get right down to facts and figures, you know well enough that this Ice Clearing Eave Plate of ours, with Sash Bar Clasps attached, is the only absolutely rigid, enduring eave.

You also admit, that because all holes are drilled, all spacing of the sash bar clasps done at the factory before shipment, that it can be put up in half the time the wooden plate takes.

It is a plate that not only lasts, but makes a house of greatly increased light. We sell it separately, by the foot, with sash bar clasps attached, if you want to buy it that way.

Look it up in the Handy Hand Book, and while you are about it, get to know our Semi-Iron or Pipe Frame House, and the leader of them all, our Sectional Iron Frame.

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IRVINGTON, N. Y.

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Red Cypress Greenhouse Material

AND

Hotbed Sash

THE ALFRED STRUCK COMPANY

INCORPORATED

LOUISVILLE, KENTUCKY

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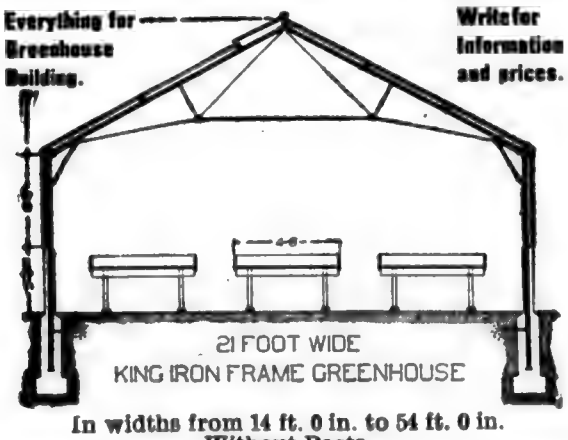
Higher prices sure—buy now—save money.
We are with you all the time—don't buy until you get our prices.

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Everything for Greenhouse Building.

Write for Information and prices.



In widths from 14 ft. 0 in. to 54 ft. 0 in. Without Posts.

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Can You Beat It?



This wonderful Advance Ventilating Apparatus—
The machine for...$10 50
An arm for..... .24½
A hanger for..... .18

The machines arms and hangers are made of the best material and constructed throughout on the most practical basis.

Every part is designed to give the most possible strength. It is years beyond what is called modern. One trial will convince you that we have the goods you have been looking for.

THE ADVANCE CO.
Richmond, Ind.

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THE STANDARD

Ventilating Machinery
The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter
Over six miles in use and highly recommended by all. The only DRIP PROOF gutter on the market.

The Standard Return Steam Trap
It has no equal for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio
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If you need more hotbed sash for the coming season, write us for prices. We have stock in all grades, including the very best. **Our Washington Red Cedar** sash are superior even to the old-time white pine sash.



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GREENHOUSE MATERIAL

SEE THAT LEDGE.
Pat. Sept. 18, 1900



THE JENNINGS IMPROVED IRON GUTTER.

Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS
Improved Vaporizing Pans for Tobacco Extracts, Etc.
Send for Circulars.

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Dibert, Stark & Brown Cypress Co.

DONNER, LA.

Manufacturers **LOUISIANA CYPRESS LUMBER** Lath and Shingles

Write us when you are in the market. Mention name of your dealer. Pecky Cypress a Specialty

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, JANUARY 6, 1910. No. 632.

FREE TO THE TRADE

Our Florists' Catalogue

It is being mailed to the trade **this week.** If you do not receive a copy, **notify us immediately.** It contains **a full line of**

QUALITY BULBS and SEEDS

ARTHUR T. BODDINGTON, Seedsman 342 W. 14th St., **New York**

Our Stock of

Rooted Carnation Cuttings

are the same price as any reliable firm; the quality just a little better. That is why our customers are always satisfied.

Give us a trial, if you don't know.

Chicago Carnation Co., A. T. PYFER, Mgr. **Joliet, Ill.**

Now Ready For The

RETAIL STORE TRADE

BEGONIA PRESIDENT TAFT

Large specimens, at their best in January, $1.50 to $2 50 each.

ADIANTUM FARLEYENSE

Good value.....75c and $1.00 each

PANDANUS VEITCHII

Fine plants.....$1.50 to $3.00 each

—Price List on Application.—

J. A. PETERSON, Westwood, Cincinnati, O.

Ten Days' Free Trial

The Baur Carnation Clip

Please send without delay 10,000 more of the Baur Carnation Clips. They are the finest thing on the market. A. J. BOOTHMAN.

The Baur Carnation Clip works like a charm. Send me 10,000 more clips. B. WILLIG.

Send us no money. The cleverest device ever invented for mending **Split Carnations,** will be sent to you absolutely free, without a cent deposit. Worth many times its cost.

Outfit (1 plier and 1000 clips), $2.50. Clips: $1.00 per 1000, $1.50 per 2000, $3.25 per 5000, $6.00 per 10,000, $12.50 per 25,000, $20.00 per 50 000.

We refit old pliers free. Send them in and we will repair or promptly send you a new one.

BAUR FLORAL CO., Erie, Pa.

Azaleas

Of the following varieties: **Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Mme Petrick, Sacuntala, Prof Wolters.** 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

Hydrangeas

Field-grown, one to two shoots to the plant, $7.00 to $10 00 per 100. Satisfaction guaranteed. Pot-grown, 4-in., one to four shoots to plant, $12.00 per 100; 5-in., three to five shoots to plant, $15.00 per 100.

Gloire de Lorraine Begonias

3-in., $15.00 per 100; 4-in., $35.00, 100; 5-in., $50.00, 100; 6-in., $75.00, 100.

Lilies

Full cases at 1000 rate.

	Per 100	1000
Giganteum, 7/9, 300 to case	$7.00	$60.00
Magnificum, 8/9, 200 to case	6.00	50.00
Auratum, 8/9, 160 to case	5.00	45.00
Album, 8/9, 225 to case	8.00	75.00
Chinese Lilies, 30 bulbs to basket, 4 baskets to bale, $3.00 per bale		25.00

Spiraea

Washingtonia.....$2.00 per dozen; $10.00 per 100

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

New Chrysanthemums : :

Edmond Albe. Early commercial pink; mid-October; globular incurved.

Elise Papworth. Grand white; won the sweepstakes prize at the Chicago Show.

$5.00 per dozen; $35.00 per 100.

Early Monrovia. $3.00 per 100, $25.00 per 1000 plants. Rooted cuttings, $15.00 per 1000. Splendid, clean stock.

A grand collection of exhibition sorts. All the best commercials. Write for our list.

E. G. HILL CO., Richmond, Ind.

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P	Oz.	Crop of 1909	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.80	Lobelia Speciosa	$0.10	$0.50
Balsam Alba Perfecta	.10	.75	Lobelia Crystal P. Comp	.15	1 15
Cobaea Scandens purple	.10	.80	Smilax	.05	.25
Dracaena Indivisa	.10	.25	Stocks Cut and Come Again	.25	
Forget-Me-Not Victoria	.10	.75	Stocks Ten Weeks', mxd	.25	
Mignonette Machet	.10	50	Stokesia Cyanea	.10	
Petunia, Calif. Giants	.25		Thunbergia	.10	.60
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00

For select strains of **VEGETABLE SEEDS,** Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our **Market Gardeners' Wholesale List,** mailed as soon as ready, upon request.

THE W. W. BARNARD CO., SEEDSMEN 108-110 W. Kinzie St., **Chicago**

TWO MEN
With But a Single Purpose

We believe a man gets out of a business just about what he puts into it.

We are putting in our best licks.

The growth of our business during the last few months of 1909 was beyond our fondest anticipations, and if the good, hard, conscientious work of two experienced men will do it, we mean to keep the ball rolling in 1910.

We invite a call from Buyers or Sellers.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 **CHICAGO**

DAHLIAS

SPECIAL AT $4.50 PER 100

OFFERED SUBJECT TO PRIOR SALE

These are big, strong roots, and a little heavy to ship far by express, but the grower will hold them till spring on your order and then ship by freight if wanted that way.

300 Kriemhilde, pink cactus.
300 Amos Perry, scarlet cactus.
50 Yellow Gem, yellow cactus.
300 Grand Duke Alexis, white, ball shaped.
200 Fire Rain, scarlet decorative.
200 Victor Von Scheffel, pink cactus.
200 Harbor Light, bronze cactus.
50 Floradora, dark red cactus.
200 Arabella, primrose, ball shaped.
300 Early-flowering single reds.

These are offered by a first-class grower—stock sure to please

Order at once

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

48-50 Wabash Avenue, CHICAGO

BEAUTIES
ROSES—CARNATIONS

Price List

Beauties	Doz.	Beauties	Doz.
Extra long	$5.00	18-inch stem	$1.50
36 inch stem	4.00	15-inch stem	1.25
30-inch stem	3.00	12-inch stem	1.00
24-inch stem	2.50	Short stem	.75
20-inch stem	2.00		

Richmond	$6.00 to $10.00 per 100	Bride
Killarney		Maid
Chatenay		Ivory
Field		Sunrise
My Maryland		Gate
Uncle John		Perle

Roses, Our Selection.....$4.00 per 100

	Per 100
Carnations	$2.50 to $ 3.00
Harrisii	15.00
Valley	4.00
Violets	1.50
Adiantum	1.00
Asparagus, per bunch,	$0.50
Ferns, per 1000,	2.00

Peter Reinberg, 35 Randolph Street, CHICAGO

PRICES ARE DOWN
FANCY CARNATIONS
BEAUTIES, ROSES, EASTER LILIES

Buy direct of the grower and get fresh stock

PRICE LIST

American Beauties	Per doz.
36 inch and over	$4.00 to $5.00
24 to 30 inch	3.00
20 inch	2.00
15 to 18 inch	1.50
8 to 12 inch	1.00

Richmond, Killarney White Killarney and Bride	Per 100
Extra select	$10.00 to $12.00
Good lengths	8.00
Medium lengths	6.00
Good short lengths	4.00
Maids and Perles	
Long and select	10 00
Medium	6.00 to 8.00
Good short	3.00 to 4.00

Carnations	Per 100
Extra fancy Red Bassett	$4.00 to $ 5.00
Extra fancy White Enchantress	4.00
Fancy Enchantress and Winsor	4.00

MISCELLANEOUS

Easter Lilies, per doz., $2.00	15.00
Lily of the Valley	3.00 to 5.00
Asparagus, per string $0.60	
" Sprays	2.00 to 3.00
Sprengeri	2.00 to 3.00
Ferns, per 1000 $2.00	
Smilax, per doz 2.00	
Adiantum	1.00
Galax, Green, per 1000 $1.00	
" Bronze, " 1.00	

Short Stem Roses, our selection.....$4.00 per 100

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

U KNOW US! LET'S KNOW U!

KATALOG

Our new up-to-the-minute Katalog, in addition to
Our quarter of a century experience, should be a benefit
To every up-to-the-minute Florist. Both are at your service.
Keep agoing; we are. Katalog for the asking.

Ribbon Specialists
The Leading Florists' Supply House
Importers—Manufacturers—Originators

M. RICE & CO.
1220 Race St.
PHILADELPHIA, PA.

After The Holiday Rush

The replenishing of your depleted stock is important.
We invite the comparison of critical buyers.
Samples upon request.

WERTHEIMER BROS., The National Floral Ribbon House :: :: 550 BROADWAY :: :: New York

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Specially large and fine stock of natural preserved WREATHS, MOSS WREATHS and METALLIC DESIGNS.

L. BAUMANN & CO.
359 W. Chicago Ave., CHICAGO

JOS. G. NEIDINGER

1513-15 Germantown Avenue, PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WheatSheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

H. D. MANN CO.

Chiffons, Ribbons, Silk Cords,
Violet Ties, Brass and Silver
Fern Dishes and Jardinieres
A Full Line of Florists' Supplies
105 Canal St., SYRACUSE, N. Y

Jan. 6 Fill in your name and mail us this blank.

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

.....Name

.....Address

This Season's Two Big Novelties

Pekin Striped Netting The kind that will not crumple
Changeable Gauze Corsage Ribbon
Samples sent upon request.

Lion & Company
Manufacturers of the Colonial Brand of
Ribbons and Chiffons
114-116 Spring St., New York

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

A WOODMEN'S WREATH.

Hillary E. Le Page, of Stamford, Conn., recently was called upon to make an unusual design for the funeral of a member of the order known as the Woodmen of the World. The piece was a plateau mounted on an easel and was of unusually large size, but the special feature was that the customer required that a small log of wood be displayed in the center of the plateau, as shown in the accompanying illustration. The piece itself was made of white carnations as a base for the block of wood and as a background for the lettering. The rest of the design was of roses, daisies and asparagus. Mr. Le Page's execution of his order pleased his customer greatly.

COLOR LIFE.

Bright Touches in Designs.

No small amount of the value of life is its warmth, and this is emphatically true with regard to life of color. Why is pink so much more of a favorite than lavender or blue? It possesses warmth and fire. Blue is not becoming to a pale face. It is happily used with a clear, light rosy color, or a rich, subdued rosy color. Pink or red imparts color to an otherwise color-poor complexion. The warm shades and tints of color seem to impart light, and the dull, cold colors selfishly absorb it. Lavender alone is apt to appear dull and cold. It takes a strong artistic instinct to discover its value.

Cold pictures do not attract a large number of admirers. A sunset of violet and green after a cold rain in winter will not draw the eye like the glow of the orange-pink, or crimson with violet, of the opening spring.

Of themselves, there are not many more cold colors in nature than there are pure colors. The most of them have touches of some warm color, like pink, yellow or red, in markings on the flower proper, on the stamens or pistils, or on the foliage or stems. It is wonderful what transformations these slender lines of warm color will produce on a flower.

A Little Dash of Color.

Here is a clue to what may be accomplished by a mere penciling in a group of flowers, which is, properly speaking, a design: A piece may be made of lavender, say sweet peas or asters, or lavender and white, and appear dainty and ethereal, but some way it is never so attractive as if there were ever so small an addition of a crimson pink, unless you find in the first place that your white is decidedly creamy or yellow, in which case the warmth lies in the yellow. An all lavender piece fairly leaps into a resurrection by the introduction of a darker purple or a rose-pink streak. A dull copper which shows a subdued orange is as good as a hot water plant to a cold blue.

To better appreciate the powerful effect of a trace of pink with lavender, make this comparison: A piece made of soft, rose-tinted hyacinths may with all propriety be touched with a bunch of light violet, without materially changing the aspect of the design. People will pass it by with some commonplace remark. But make this same piece of lavender hyacinths and touch it with a nice bit of rose-pink, and while in the former case the lavender is but a dot on the pink, the pink on the lavender permeates the whole group with the magic of the sunlight which it carries. Even with the combination of white and lavender, sneak in some pink, although it must be administered in homeopathic doses. Sometimes the right thing can be introduced in a tie or the part of the tie.

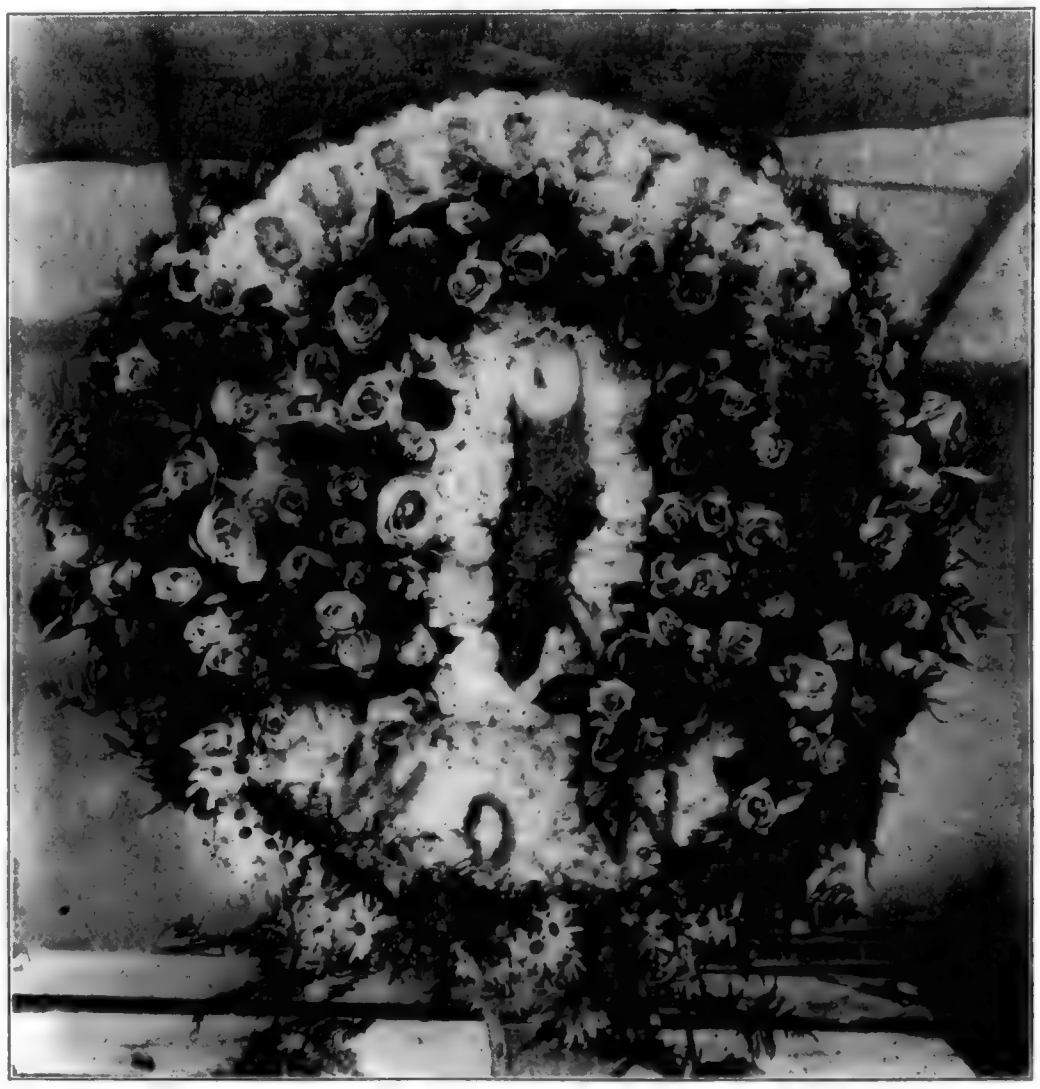
Using Skill and Saving Stock.

If you want showy pieces, aim at this iridescence in coloring, rather than size of piece and quantity of flowers. Thus you conserve your stock, and you make skill count, which is the highest type of work. Of course, we can not accomplish such things as are hinted at in the examples to be mentioned next, showing marvelous results in reflection and blending of colors, but in decorative work lights can be rearranged with regard to location, shading and degree of brilliancy, so as to at least suggest the color effects on the plumage of the proud gobbler or the turkey hen, the teal duck or even a common chicken. Similar blending of rainbow coloring is to be seen in many fishes.

China painters who know their art will always work in some warm dashes of brown, which contains yellow, or a little red, or some pink, which is diluted red, on the turn of a leaf or in the cloudy spaces of the background. Laying aside the sentiment attached to all white in a bride's bouquet, a suggestion of a delicate, warm tint is just such an addition to an armful or shower. A Golden Gate or Uncle John rose somewhere among the Bride roses, or a pale Bridesmaid bud, does not appear accidentally in a well arranged bouquet. At the same time, we have reached the stage where color for funeral work seems to be welcomed, instead of a pall of all white, as it used to be.

The Warm Reds and Yellows.

The richness and attractiveness of the reds which approach the pure reds is due to their warmth of color, just as warm-hearted people are general favorites, rather than cold-hearted, retiring people. Purples are attractive in proportion as they exhibit more red and less blue. Yellow with white is excellent coloring, because of the diffusion of the warmth of the yellow over the delicacy of the white, and the union is more nearly perfect if the white be a yellow white rather than a blue or a violet white; not that the union of blue or violet is not harmonious with yellow, but that the



A Woodmen's Wreath.

tints of yellow and yellow white have the common yellow color.

While everybody admires autumn leaves on account of their brilliancy of color, they unconsciously rest their eyes on the rich, warm reds and yellows in the chill of the oncoming winter. Greens in which yellow predominates over the blue are much more restful and soothing to the color sense than the greens in which the blue overmasters the yellow. Blue is always cool, even in the summer sky, not to mention being cold, as in the stormy winter sky. Green is always cool, but not decidedly cold, on account of the element of yellow in its composition.

Important Distinctions in Colors.

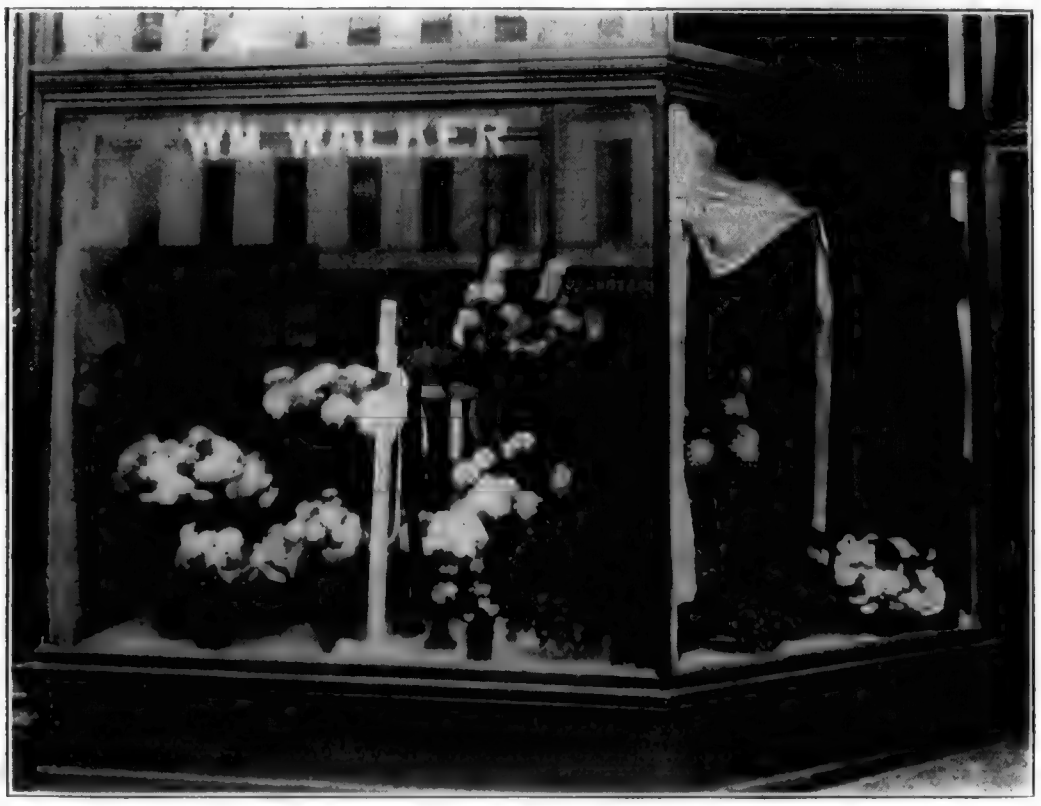
We may conclude, then, that the reds and yellows are the warm colors, while the greens and most blues are cool colors, and violet is cold. This statement must be taken as referring to these colors when they most nearly approach the pure type. As they are mixed with colors of the opposite trait as regards color life, they are toned down or up to approach the opposite condition. For example, a pure, warm red, which is quite well typified in the Roosevelt carnation, could be made much colder and less attractive by the introduction of blue. The result would be a dull purple that nobody cares for. Or, to illustrate the other part of the statement, a dark, richly colored violet will sell much more quickly than a puny light blue one, which lacks so much of the warm red element, for purple or violet is made by combining red and blue.

Any intense color loses its tone and quality to the eye after steady looking in a strong light. How often, when work requires one to look constantly on the one color of a Beacon or Craig carnation, it will become mud color to the tired optic nerve! Look at something else for a while and the color will return at the first glance. Therefore, in decorating do not mass an intense color in large, unbroken groups under a strong light. Break up the mass by atmospheric spaces, or add foliage, its own if possible, or subdue the light.

Gertrude Blair.

WALKER'S WINDOW.

William Walker, of Louisville, Ky., has great confidence in window displays as effective local advertisements, and as a proof of the sincerity of his opinion he has sent the photograph which is here reproduced—a photograph taken just before Thanksgiving, when the window was decorated in honor of a football game.



Window of Wm. Walker, Louisville, Ky.

It is obvious, however, that this photograph does not do justice to the original. In presenting a view of flowers or floral decorations, ordinary photography is always inadequate, of course, and in this case the picture was further marred by some of the neighboring buildings, which persisted in "casting reflections." In spite of all this, the window display bears evidence of being artistic, and it was much admired by passers-by, many of whom stepped into the store just to express their enthusiastic approval. The football and the goal had their conspicuous places in the arrangement, and the colors of both sides in the game were well worked out with flowers and ribbon.

Mr. Walker grows his own stock and grows it well, in spite of the fact that he is inside the city limits and must contend with a smoky atmosphere and other disadvantages. Besides his mums and carnations, he also grows his own roses, with the exception of the Beauties. He thinks Golden Gate is a great rose for one who sells his own product.

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BOATWRIGHT'S JAPANESE BOOTH

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The fair, as a whole, was the best ever held there. It was a success from start to finish, and was attended every day by large crowds.

The exhibit of Boatwright's Floral Co. represented a Japanese tea room, and the young ladies who acted as attendants wore Japanese costumes, as the illustration shows. The staging of the flowers and the arrangement of the booth were wholly the work of the firm's designer, Mrs. Boatwright.

The Boatwrights are using rustic work this year for pot covers, pedestals, and in every way, in fact, in which they can use it advantageously. It will be noticed, on examining the picture, that all the plants in the exhibit were displayed in rustic pot covers. The centerpiece on the table was an original piece, made to hold seventeen Kift's glasses.



Booth of the Boatwright's Floral Co.

CHRYSANTHEMUMS

CHADWICK A KEEPER.

November 20 I cut a vase of Golden Chadwick mums for one of our churches. I saw these flowers again at Christmas time, December 23, and not only were they still in good condition, apparently as though first cut, but actually showed up better than any mums I saw in the market at Christmas time, though we had Nonin and J. Rosette in the finest possible shape.

I should like to have the opinion of other readers of the REVIEW on this point. Is durability a recognized quality of Chadwick, or is it probable that its behavior, in the case I have related, was simply the result of some accidental circumstance? W. J. OLDS.

GOOD COMMERCIAL VARIETIES.

Kindly advise me as to what you consider the best commercial varieties of chrysanthemums, early, midseason and late, in the colors, white, pink and yellow. F. H. W.

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NITRATE OF POTASH FOR MUMS.

Though living in New Zealand, I depend largely on the REVIEW for my horticultural information, and I noticed that Chas. H. Totty, in a recent issue of the paper, mentioned the use of nitrate of potash—saltpeter, I believe—as a fertilizer for chrysanthemums. I should like to know more about this, as I grow them. How much of the fertilizer is used to a gallon of water? When should I start using it, and how long should I continue? J. H. R.

Nitrate of potash is a valuable, quick-acting fertilizer for chrysanthemums. It is the saltpeter of commerce and, as I understand it, is produced by boiling down the muriate of potash and nitrate of soda together. When used in conjunction with bone meal, which supplies the phosphoric acid, it makes a complete fertilizer, supplying both nitrogen and potash.

A safe proportion to use is one ounce to a 4-gallon can of water. We have used it constantly at the rate of one pound to a 50-gallon barrel of water. As to how often to use it, the operator must be governed by the condition of the plants. When the plants are accustomed to its use, they can be fed with it at every other watering, and it can be used right up until the bud shows color. The time to start applying this fertilizer is when the plants are well established, which is about eight to ten weeks after being planted in their flowering quarters.

J. H. R., living in New Zealand, probably grows his plants outside, as is done in Australia. In this section of the United States, which is, of course, the antipodes to New Zealand, we plant out on the benches in May and then commence feeding the plants at the end of July. He must govern himself according to his own season, concerning which he knows much more than I do.

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Can Spanish and English iris be grown successfully from seed in this country, and if so, will they bloom the second year from seed? H. H. G.

Both Spanish and English iris can be raised from seed, but they will not flower before the third year. We do not know of any successful attempt being made to raise them in this way in America. The low price at which they are purchasable in Europe would tend to discourage the raising of home seedlings. Seed, when ripe, should be sown in flats of sandy loam and kept in a coldframe or cool greenhouse. It will not germinate until the following spring. The simplest method of propagation for these irises is by bulb offsets, which are freely produced. C. W.

TIME TO START CANNAS.

When should cannas be started to make good, salable plants in spring? R. F.

It is too early to start cannas. Examine them to see if any show signs of decaying. The end of February or first half of March is quite as early as they need to be started. Seasonable cultural notes on these will appear in the REVIEW later in the season from time to time.

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There is a sentiment about a pack of good dogs that appeals even to those who never by any chance will come in touch with rural life or hunting, and in the accompanying illustration of the hounds of Charles Pfeiffer a special interest attaches from the fact that the dogs play an important part in the care of their owner's carnation plants. Located at Fort Thomas, Ky., Mr. Pfeiffer finds that the rabbits with which the neighborhood abounds consider the young carnation plants a most toothsome delicacy; in fact, so fond of the carnation is bunny that it would be next to impossible to grow the plants in the field were it not for the services of the hounds. All summer long the dogs act as guards over the carnations, keeping the rabbits away. In the winter Mr. Pfeiffer and his friends employ the hounds for hunting, and many a florist has enjoyed their work.



Chas. Pfeiffer's Hounds, Bred in Old Kentucky.

tints of yellow and yellow white have the common yellow color.

While everybody admires autumn leaves on account of their brilliancy of color, they unconsciously rest their eyes on the rich, warm reds and yellows in the chill of the oncoming winter. Greens in which yellow predominates over the blue are much more restful and soothing to the color sense than the greens in which the blue overmasters the yellow. Blue is always cool, even in the summer sky, not to mention being cold, as in the stormy winter sky. Green is always cool, but not decidedly cold, on account of the element of yellow in its composition.

Important Distinctions in Colors.

We may conclude, then, that the reds and yellows are the warm colors, while the greens and most blues are cool colors, and violet is cold. This statement must be taken as referring to these colors when they most nearly approach the pure type. As they are mixed with colors of the opposite trait as regards color life, they are toned down or up to approach the opposite condition. For example, a pure, warm red, which is quite well typified in the Roosevelt carnation, could be made much colder and less attractive by the introduction of blue. The result would be a dull purple that nobody cares for. Or, to illustrate the other part of the statement, a dark, richly colored violet will sell much more quickly than a puny light blue one, which lacks so much of the warm red element, for purple or violet is made by combining red and blue.

Any intense color loses its tone and quality to the eye after steady looking in a strong light. How often, when work requires one to look constantly on the one color of a Beacon or Craig carnation, it will become mud color to the tired optic nerve! Look at something else for a while and the color will return at the first glance. Therefore, in decorating do not mass an intense color in large, unbroken groups under a strong light. Break up the mass by atmospheric spaces, or add foliage, its own if possible, or subdue the light.

Gertrude Blair.

WALKER'S WINDOW.

William Walker, of Louisville, Ky., has great confidence in window displays as effective local advertisements, and as a proof of the sincerity of his opinion he has sent the photograph which is here reproduced - a photograph taken just before Thanksgiving, when the window was decorated in honor of a football game.



Window of Wm. Walker, Louisville, Ky.

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CARNATIONS

THE RIGHT CUTTINGS TO TAKE.

Will you please tell us the proper cuttings to take from carnation plants grown for the flowers, and a reasonable number of cuttings? We wish to know where to get the cuttings, besides the ones taken from the cut flower stem.

I enclose a carnation stem, the upper portion of which was used for propagation, the other being left on the plant. Will this kind of cutting make a good, vigorous plant? A. L. M.

Neither of the specimens forwarded would be fit to use for propagating. The one is hard and would not root in two months, if ever. The other has begun to lengthen out and, although it would root, it would throw a bud soon after potting, and when topped back it would break weak. It could never make a bushy plant, because the joints would be too far apart.

If you can not get enough cuttings from the flower stems, or from the breaks which grow on the stubs after the flower has been cut, then I would advise you to take only flower shoots which have not begun to lengthen out. You should not be able to see the stems between the leaves. Such cuttings, when rooted, will be short jointed, and when topped will make bushy plants. In fact, plants from such cuttings will often make a stronger growth than any other. We believe, however, that if such cuttings were used year after year, the stock would become less floriferous than where side-shoot cuttings are used. Growers differ on this point to some extent and it is, therefore, an open question. All agree, however, that a shoot which has begun to lengthen out between the joints is unfit for use.

While we are on this subject of cuttings, I just want to tell you a little trick we learned in propagating Beacon and a few other varieties which have given propagators some trouble in rooting them. Perhaps you have noticed that after Beacon has been in sand about three weeks it begins to get soft and wilted. Your first impulse is to spray the plants liberally and to soak the sand. This we have found to be a great mistake, as the cuttings will damp off under such treatment instead of freshening up. We have found that if you will simply lay newspapers over them and leave them on over night a few times, until they freshen up, they will come through all right. Take off the papers, to allow fresh air, an hour or so in the morning and evening, and look out for damping if they are too wet in the sand. A. F. J. B.

FOR A CLOUDY CLIMATE.

What varieties of carnations are the best and most profitable to grow in a country with but little sunshine during the winter season? W. L.

Without sunshine for any considerable time, you can not expect to grow first-class carnations. The carnation loves sunshine, fresh air and a liberal supply of water. Without any one of these three, you can not grow carnations worthy of the name.

Those suffering the least would probably be those which have a short, sturdy growth and stiff stems. Among these would be all the Lawson varieties, including the original variety and the following sports: Melody, White Lawson, Red Lawson, Variegated Lawson, and Welcome. Winsor has the same habit as the foregoing. Other varieties would be May, Beacon, Victoria, Mayday, etc.

A. F. J. B.

NEW HAMPSHIRE SEEDLINGS.

The members of the Gardeners' and Florists' Club of Boston, who visited the well-kept and thoroughly up-to-date establishment of George E. Buxton, Nashua, N. H., December 10, were much interested in several first-class seedling carnations which were seen growing in quantity. Of these Bon Ami and Granite State, both pure white, attracted special attention.

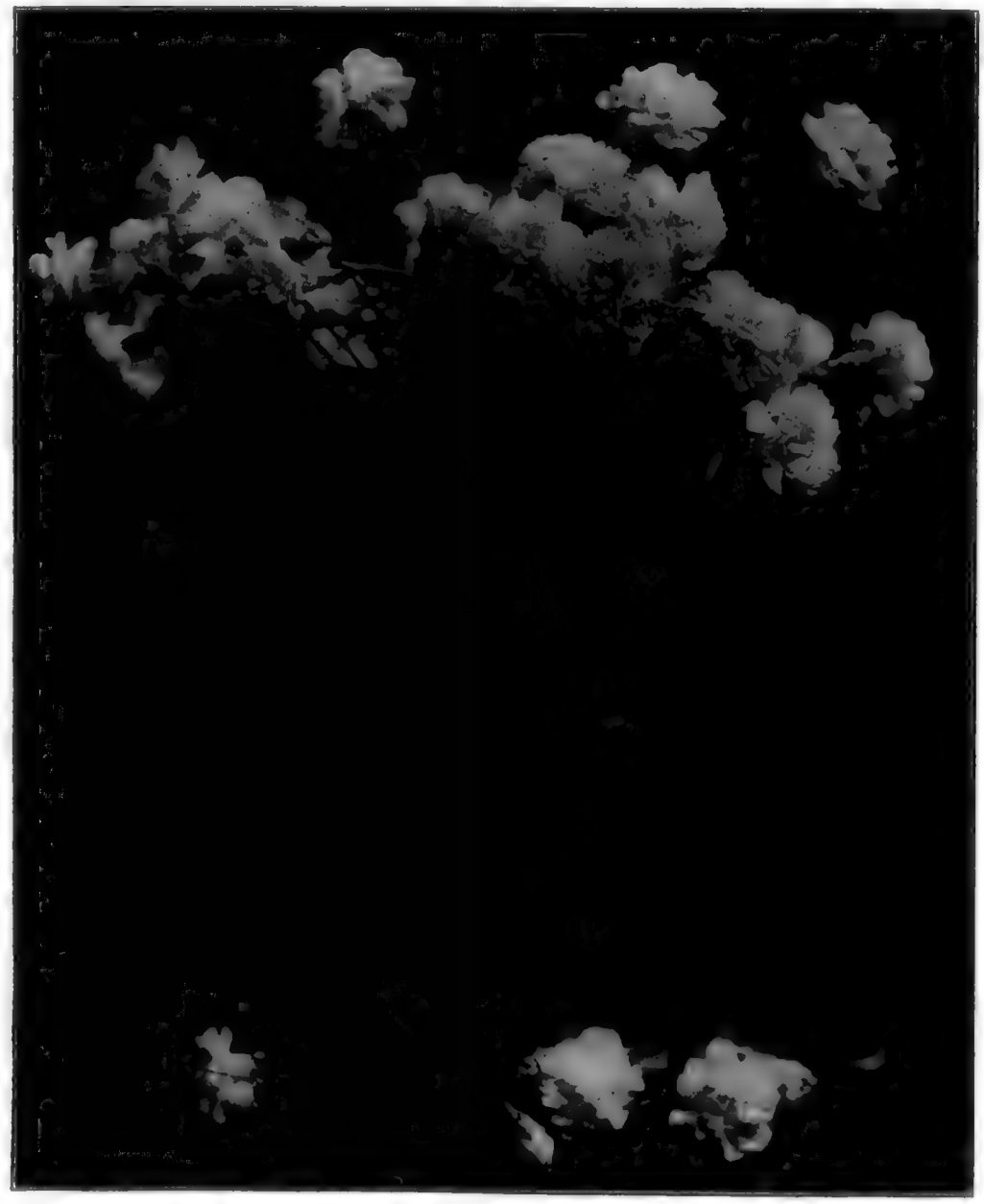
Bon Ami is the result of crossing Queen on Lady Bountiful in 1905. It somewhat resembles White Perfection, but makes a much better plant in the field. It has always been the first to come into bloom, with a heavy crop of flowers about the middle of October, and continuing throughout the season, with a crop equal to that of any of the white carnations in commerce. It has good size, being on an average three inches in diameter, with many reaching three and one-half inches when the plant is at its best.

The stems as seen in December were remarkably long and stiff, the average length being twenty-four inches, and the flowers were held up perfectly erect, the benches being a veritable mass of bloom. The percentage of splits was so small that it may be called a non-splitter.

Having given Bon Ami a four years' trial, and believing that it will prove itself a good friend to all who may try it, Mr. Buxton will send it out in limited quantities, commencing February 1, 1910.

Granite State is also the result of a Queen and Bountiful cross, but not from the same seedpod. The habit of growth is all that any critical grower can ask for. At housing time in August the plants were said to much resemble well grown plants of that grand old variety, William Scott. The stems, as seen a few weeks ago, were of extra length and held the pure white and beautifully formed flowers in a graceful, upright manner. Blooms average three to three and one-half inches in diameter, and Mr. Buxton states that from December 1 to July 1 stems thirty inches long are easily cut without entering the hard wood. Certainly the length when I saw them would corroborate this statement.

In Granite State Mr. Buxton believes



Carnation Bon Ami.

he has the ideal bread and butter carnation. For with freedom of bloom, size of flowers, health and habit of growth, with practically no split calyxes, he sees no reason why this carnation should not fill the long-felt want for a good commercial white. Granite State will not be disseminated until 1911.

Of the keeping qualities of both Bon Ami and Granite State nothing can be more convincing than Mr. Buxton's statement that the flowers appearing in the photographs used in preparing the accompanying illustrations kept in the store window of W. W. Powers for eight days in perfect condition, having been left there for exhibition after being photographed. Nashua, N. H., is likely to be heard from more in the future than in the past. Mr. Buxton has other varieties of sterling merit, which he is trying out, and those who are at all skeptical of New Hampshire carnations being strictly first-class should pay Nashua a visit.

W. N. CRAIG.

AMOUNT OF NITRATE OF SODA.

What is a safe percentage of strength of nitrate of soda to a gallon of water for a weekly application to carnations, commencing March 1? H. F. C.

Start with about a half pound of nitrate of soda to fifty gallons of water. As the weather gets brighter and the days longer, you can increase this to one pound to fifty gallons of water.

A. F. J. B.

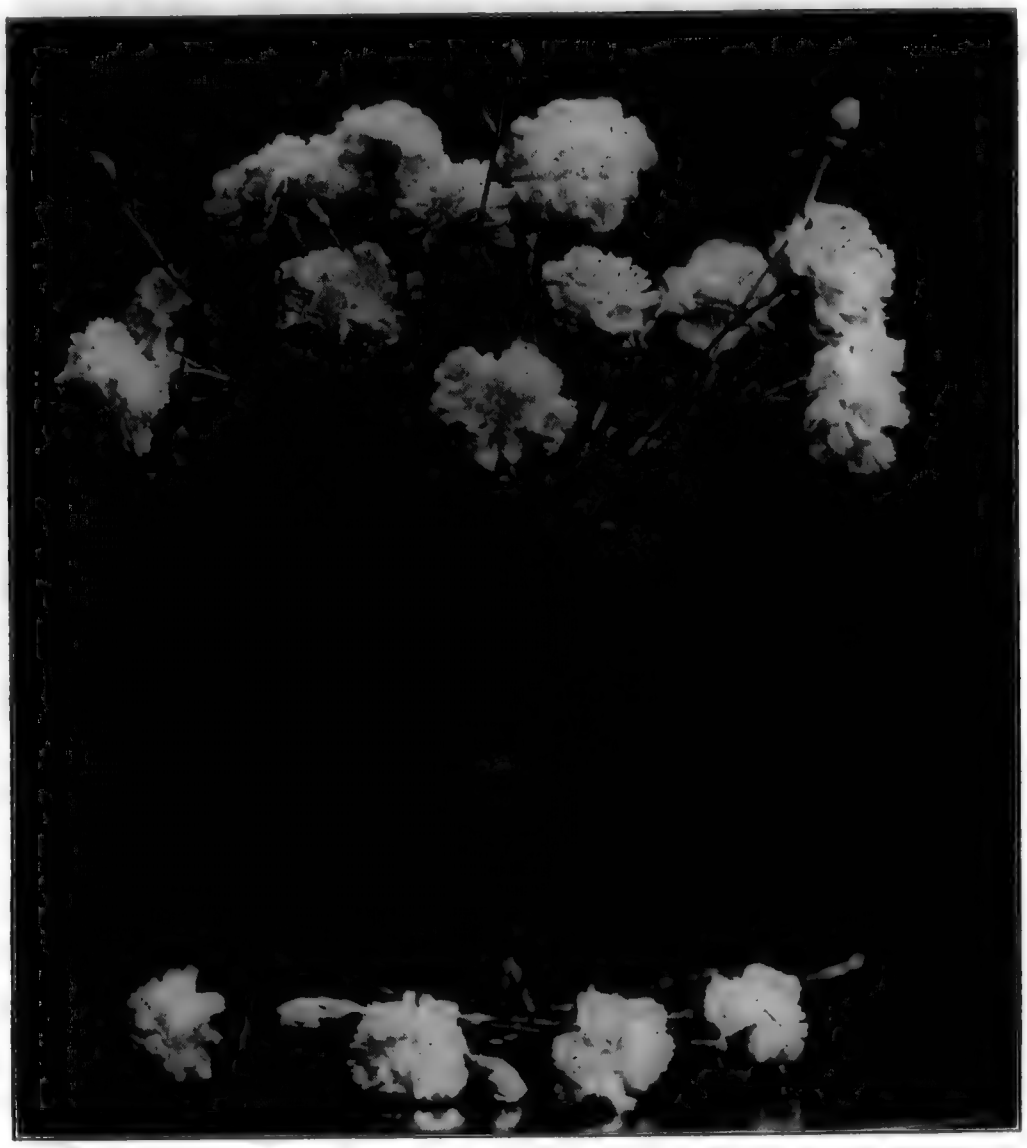
IMPERFECT WHITE PERFECTION.

Do White Perfection carnations usually burst badly, come of dingy color, and crinkled? I have been growing these for two seasons, with the same results. Last year they were in raised benches, this year in solid beds. There is an enormous crop and it looks healthy. The houses are modern in every particular and I use plenty of air. The night temperature is 50 to 55 degrees—a little high, perhaps, for this variety, but our experience with other sorts has been that there is less bursting if the temperature is a little high, with plenty of air in the daytime. The stems are brittle.

Our soil is a rich, loamy sod, piled up a year or more, with about one-fourth cow manure and a liberal amount of bone meal. There has been no feeding since planting. The plants always grow small in the field and produce but few cuttings. Occasionally one comes that is deserving of the name—certainly fine. Last season, though not one per cent of the other kinds in the same house were split, White Perfection was split badly. C. B.

There seems to be a great difference in the experience of growers with this variety. With many it is easily the finest white carnation ever introduced, or in fact the finest of any color. Some, however, have the same experience as you have had. It does split at least a small percentage of its calyxes during midwinter, even with those who grow it successfully, though not enough to make it unprofitable. A moderate but even temperature, about 52 degrees, suits it best here.

We have never had much trouble with the crinkled petals, but have seen them at other places occasionally. That this defect is not natural to the variety, we feel certain. A well known grower, who has grown the variety extensively, recently expressed the opinion that the trouble complained of is caused by the soil being allowed to get too dry. Perhaps he is right. A. F. J. B.



Carnation Granite State.

OUTDOOR CARNATIONS.

Will it pay to propagate carnations now to grow outdoors for cutting? We are always short of flowers from the time we empty our carnation beds until they bloom again, and wondered if these started now would not help us out. We are located in Oklahoma. P. G. C.

Carnations are not grown so much outdoors, for late summer blooming, as their merits deserve. I have grown them for this purpose for a number of years, and they always furnish a good supply of nice flowers when the indoor stock is thrown out. Propagation during December and the first half of January will give you good, stocky plants in 4-inch pots to set out about the end of April, or even earlier in your climate. Pinching should not be done at any time after the plants are set in the field. As they start to flower, it will pay to give a support to the flowering stems, as heavy rain storms will bespatter them. The following have proved good outdoor bloomers: Enchantress, White Enchantress, Rose-pink Enchantress, Fenn, Winsor, Lawson, White Lawson, Fair Maid and Beacon.

C. W.

AMERICAN CARNATION SOCIETY.

The Cottage Gardens Co., Queens, N. Y., registers the following two new carnations:

Alma Ward, Prosperity x white seedling; white, sometimes showing delicate splashings of pink; size, three and one-half to four and one-half inches; stems, thirty-six to forty-two inches; remarkable for size of flower and length of stem; strong and vigorous grower.

Mrs. C. W. Ward, Mrs. Lawson x Mrs. Roosevelt; deep pink, lighter than Lawson, but darker than Winsor; size, three and one-half to four inches; stem, twenty-four to thirty-six inches; early and free bloomer, producing fine flowers as early as September 1.

A. F. J. BAUR, Sec'y.

TO REMOVE LEAD SHADING.

Will you kindly let me know what is a good way to remove oil and lead shading from greenhouses? J. M.

Corrosive sublimate will remove paint from glass. This must, however, be used carefully, as it is extremely caustic and will burn the flesh. By consulting a painter, further advice may be obtained as to the removal of such shading.

RIBES.

ROMANS FOR EASTER.

How shall I treat Roman hyacinths, which were put in flats December 27, to have them flower for Easter?

P. G. C.

You are late in putting your hyacinth bulbs in the soil, and I am afraid they will not bloom so satisfactorily as you would like. Keep them in a dark cellar, or in a frame or pit, where they can be covered with ashes. Soak well with water before covering. Easter comes quite early this year, and if you take in your hyacinths about March 1, they will be in ample time. They respond readily to forcing, or can be retarded at will.

C. W.



GROUND BONE FOR ROSES.

Will you please give us an idea of the value of raw ground bone for outdoor hybrid perpetual roses? Our soil is of a light, sandy nature, and we should like to get the fertilizer that will produce the largest quantity of bloom. W. F. C.

Bones are beneficial as a manure because their chief constituent, phosphate of lime, is also a constituent of all plants, and the gelatine which is also in bones is of itself a source of food to them. The analysis of the bones of the ox is here given: Phosphate of lime, 55; carbonate of lime, 4; animal matter, 33. There is a slight difference in the bones of the pig, sheep and horse.

Bones should be applied to crops in small pieces or powder, such as the commercial bone dust, as in that condition it is more easily assimilated. It promotes the luxuriance and beauty of most flowers. Twenty pounds to fifty square feet at planting time will be sufficient. Half of that quantity can be applied in about five weeks and hoed in by stirring the surface to the depth of two inches.

RIBES.

A ROSE GARDEN.

At the institution where I am working, I wish to make a rose garden, on a plot of ground 103½x160 feet. Around the entire plot I want to plant climbing roses, as I intend to have a trellis around the garden. What varieties of climbers will be the best to plant and how many will it take to go around the plot? Then, after the climbing roses are in, I want a 5-foot bed or border all around; next to the border I want a 3-foot walk, also running all around, and the rest of the plot will be laid off into 5-foot beds. The beds will extend the long way of the plot, but the plot will be divided in the middle by a 3-foot walk, crossing at right angles to the beds. The beds, therefore, will be seventy feet six inches long, or less than half the length of the plot. The beds will be separated by 2-foot walks.

I intend to plant these beds in hybrid teas. What are the best varieties? I want the best bloomers in the different colors. About how many will be required for each bed? If you have any suggestions to offer, or if you know of some better plan than the one mentioned, I shall be grateful for any information.

C. E. H.

If space will permit, it will be better to let the climbers around the garden have a special border three to four feet wide to themselves. If planted in the 5-foot border which encircles the garden, it would not give any other roses a chance, and at most you could not get in more than a single row of hybrid teas. At the several entrances you can construct arches, to rise higher than the fence on which the ramblers are growing. These should have a width of seven to eight feet. You could also, if you desired, secure a pretty effect by having an occasional arch down the center. This would, of course, necessitate a wider grass or gravel path and one bed would have to be sacrificed, unless you let the posts of the arches rest in the centers of the beds on each side of the central walk. This would give you arches eight feet wide. One of these every twelve to fifteen feet would add immensely to the beauty of the garden.

Plant the ramblers six feet apart. They like a generous border of pasture sod and cow manure. The hybrid teas prefer lighter soil. If you have naturally heavy loam, add sand or other gritty material, to render it more porous. The beds should be two feet deep and have good drainage, to secure the best results.

The outer fence will take about eighty-five climbers. If you place any arches within, they will require two each additional. Some of the best and most reliable ramblers are: Crimson Rambler, very hardy—the foliage in summer is its chief drawback; Baltimore Belle, blush turning white; Queen of the Prairie, double red; Dorothy Perkins, shell pink; Lady Gay, cherry pink; Hiawatha, single crimson, very fine; Tausendschon, rosy pink; Carmine Pillar, single, rosy carmine. The majority of these roses will withstand a winter minimum of 10 to 15 degrees below zero uninjured. In colder locations some protection may be necessary.

The 5-foot beds in the garden, twenty-six in number, will hold three rows each, one down the center and the others eighteen inches away from it on either side. Place the plants twenty-four inches apart and zigzag them to allow more space for development. This would call for 103 plants per bed, or 2,678 in all. If you decide to plant the additional border around the garden of similar width, it would call for 750 more; or if one row only is used on the inner side of the ramblers, 250 additional.

In planting hybrid teas, either cheap stock from pots or outdoor budded plants can be used. The latter are vastly preferable and grow with a vigor which the rooted cutting stock never attains, at least in our rigorous northern states. Plant the buds two inches below the surface. Spread the roots out well. Tramp firmly and water freely in dry weather if a constant succession of flowers is desired. Winter protection is, of course, necessary. The REVIEW each season gives practical directions on this point.

Some of the freest flowering and most reliable hybrid teas are: Caroline Testout, salmon pink; Bessie Brown, creamy white, immense size; Kaiserin Augusta Victoria, creamy white; Killarney, pale pink, very free; Mme. Abel Chatenay, rose, shaded salmon; Gruss an Teplitz, brilliant crimson, great vigor and grand for massing; Maman Cochet, white, and Maman Cochet, pink, both very free; Mme. Ravary, glorious orange yellow; Viscountess Folkestone, creamy white, center salmon pink; Antoine Rivoire, rosy flesh; Florence Pemberton, creamy white, suffused pink; Hon. Edith Gifford, pale flesh, tinted salmon rose; Lady Battersea, cherry crimson; Richmond, scarlet; Souvenir de President Carnot, pale flesh; Betty, ruddy gold, very beautiful; La France, silvery rose.

Out of a host of everblooming hybrid teas, the foregoing are all strictly first-class, and can hardly fail to please.

W. N. C.

CAROLINE TESTOUT.

Caroline Testout is one of the best of roses for almost any locality, but nowhere is it more thoroughly at home than at



Caroline Testout Roses at Portland, Ore.

Portland, Ore. Portland is known as the Rose City, because the great success which attends the garden culture of roses there has led to the planting of immense quantities of stock. The Rose Society's "A rose for every home, a bush for every garden" is far too modest for Portland, where for months at a time they have an armful of roses for every home, cut from the bushes in the garden.

The accompanying illustration is from a photograph of some Caroline Testout roses, in Portland dooryards, supplied by G. S. Crego, the aster seed grower.

ROSE RADIANCE.

John Cook's latest rose is called Radiance. The accompanying illustration is the first one published of it and gives an idea of the cut blooms. Radiance is a seedling from Cardinal and Mr. Cook describes the color as a brilliant carmine pink with a silvery lining. The buds are large and are carried on long, stiff stems. Mr. Cook says the variety has proved a constant bloomer throughout the season. The flower opens well and is extremely fragrant.

BULBS FOR EASTER.

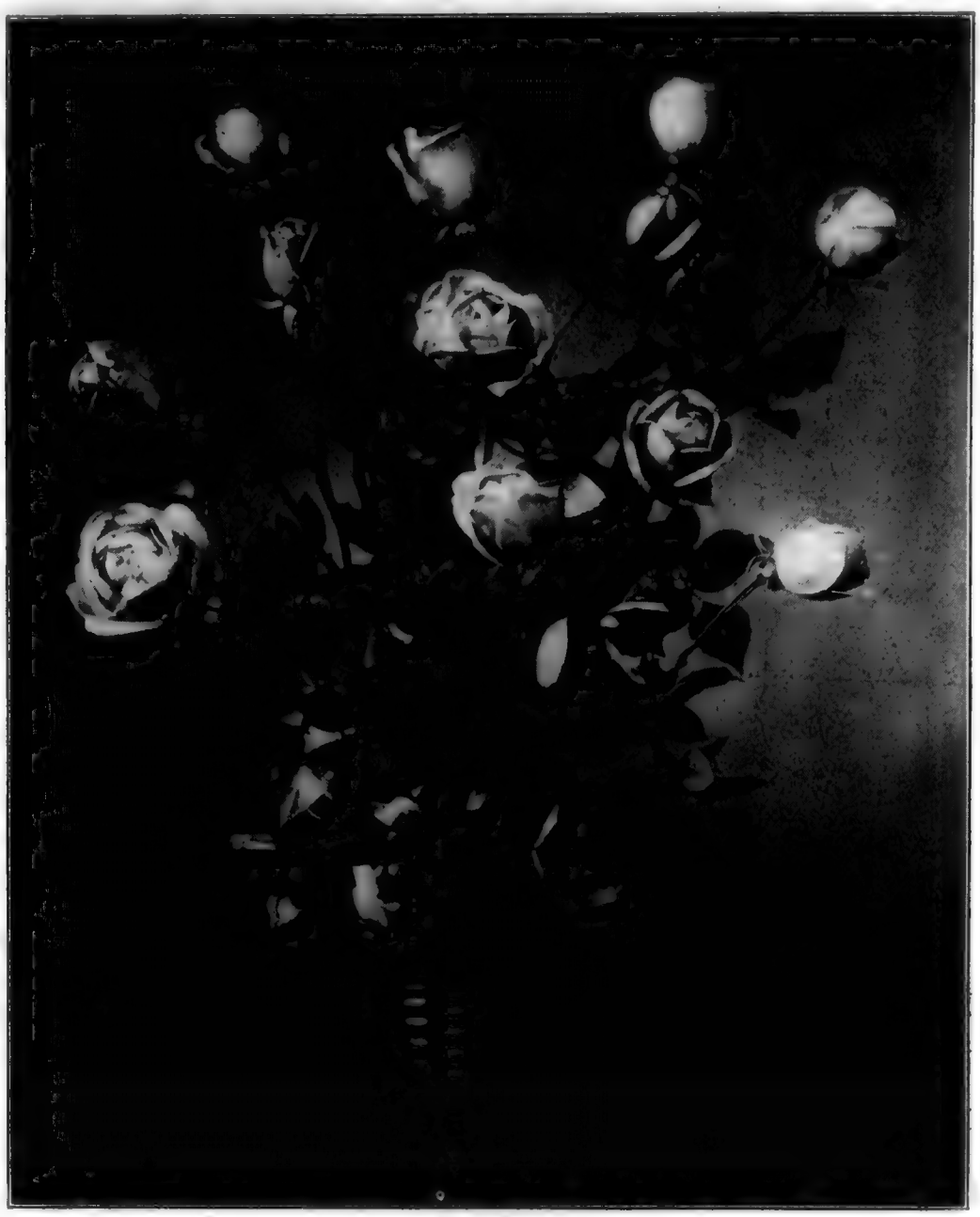
We have a lot of Von Sion daffodils, La Reine tulips and hyacinths that were placed in coldframes October 25. The pots are full of roots and everything looks to be in prime condition. Will you inform us when we should bring these into a cool house to have them in full bloom for Easter, without having to rush them too hard? Also please state the treatment of different plants. We also have some red, white and blue pans of hyacinths that we want for February 22. Have we still time to bloom them at that date?

F. P. F. C.

Keep the tulips, narcissi and hyacinths in as cold a place as you possibly can until three weeks before Easter. They may require one or two waterings before that time. Even if the surface soil looks damp, they will probably require a soaking. Many bulb failures are due to too dry conditions at the root. It is impossible to forecast March weather. If cold and dark, your bulbs might need a warm house for a day or two, but as a general rule the space of three weeks in a cool house should suffice.

The hyacinths wanted for February 22 should be taken into a cool house a month before they are required in bloom. Keep them darkened for a few days if the growths are insufficiently advanced, in order to draw them up. If placed in soil October 25, they should be finely rooted with strong shoots by January 22.

C. W.



Rose Radiance.

SEASONABLE SUGGESTIONS

New Year's Musings.

The cycle of time brings us to another year. When we are young the years seem to be inordinately long, but in later years they pass all too swiftly. We are never too old to learn. The man who cannot learn anything, even from his humblest competitor, will soon be left in the rear of the procession. Each one should, after reviewing his successes and failures during the year just gone, aim to make good where he failed. The progressive man or woman will never be satisfied to walk precisely the same groove as in the preceding year. It is a case of progression or retrogression. Let us strive to make some advancement. With prosperity in the air, 1910 should prove the banner year.

There are few readers of the REVIEW, or for that matter of any other paper, who will lay claim to the "knowing it all" which we sometimes hear of. A large proportion of REVIEW readers probably have little to learn from cultural calendars, but each year sees many acquisitions to the ranks of the commercial growers, all of whom are not experts and most of whom are glad to receive some hints each week, such as the REVIEW affords. These cultural notes are rather intended for small growers and for beginners, but in the future, as in the past, we hope many of the more experienced growers may derive some little benefit. In so vast a country as ours, the weekly suggestions may not seem timely to all, owing to climatic differences. Allowances must be made for these things, but every effort will be made to have them seasonable for the great majority.

Seed Sowing.

During midwinter, while the power of the sun is at its minimum, seeds germinate satisfactorily, as they are not subjected to the drying out which is liable to occur later in the season, when solar heat is greater. It is rather early to start many seeds, but there are a few which can be sown with advantage now. Among foliage plants, Dracæna australis and Grevillea robusta are each useful. They germinate readily in a warm, moist house. That beautiful berried plant, so popular at Christmas, Ardisia crenulata, should now be sown. Remember, however, that you must wait fully three years to get plants of salable size.

All the begonias should be sown as early as possible in the new year. The soil for these and all other seeds should be largely leaf-mold, with a small proportion of loam and some sand added. Never use manure of any kind in seed pans. For begonias either pots, pans or flats can be used. Pass the top soil through a fine screen. Press it so as to form an even surface and water before

sowing the seeds. After they are sown, a little fine sand may be scattered on the surface, but do not otherwise cover the seeds. Use sheets of glass and coverings of brown paper until the seedlings appear. Both the large tuberous rooted begonias and the fibrous sorts, such as Vernon, Erfordii and gracilis luminosa, should be started now. They germinate best in a night temperature of 65 degrees and like a moist atmosphere.

For planting indoors for a spring crop, sowings of calendula, candytuft, antirrhinums, annual larkspurs, stocks and sweet peas are all now seasonable. Petunia seed, especially if double plants are required, should also be sown. Being fine, the seeds of this annual should be treated in the same way as those of the begonia.

Propagation.

You have probably changed the sand in your propagating bench before now, and with steady cold weather the sand will be warm and in a fine condition for the successful rooting of many plants. Put in a good lot of coleus and throw away the old, bug-laden plants. Start up fuchsias and lantanas and get in a lot of the young shoots when they break. Heliotropes, Lobelia Emperor William, petunias and any other bedding plants can be rooted easily now. Never allow the sand to become dry where cuttings have been put in. When you water, give sufficient to properly soak the sand and keep all sunlight out until the cuttings are rooted.

Hydrangeas.

The hydrangeas for Easter will be growing nicely now and will require a little spreading out. If the pots are full of roots, some liquid manure, applied once a week, will be a great benefit. A good many breaks on the plants will not flower. Select a number of these and place them in the cutting bench. These, grown on and planted outside in early June, will make splendid plants for forcing next winter.

Ramblers.

The Easter ramblers are breaking strongly now, especially those which were pot grown all summer. Give them all possible light and sun and guard against cold drafts, which in the present tender condition of the growths will render them an easy mark for mildew. Use the sulphur bellows on the first apearance of this trouble and drop some sulphur on the steam pipes. It is necessary to act quickly, as nothing renders roses valueless more speedily than mildew. A night heat of 52 to 55 degrees will be all right for Easter ramblers.

Spanish Iris.

Some of the Spanish iris are now well sprouted and, the flats being full of active roots, a batch of them can be moved into a house where the night temperature is 45 to 48 degrees. In such a house they will grow well and flower freely, but do not attempt any forcing tactics, or failure only will result. Cut iris flowers are popular in late winter and early spring, and the prices realized average much better than on the majority of bulbous flowers.

Bedding Geraniums.

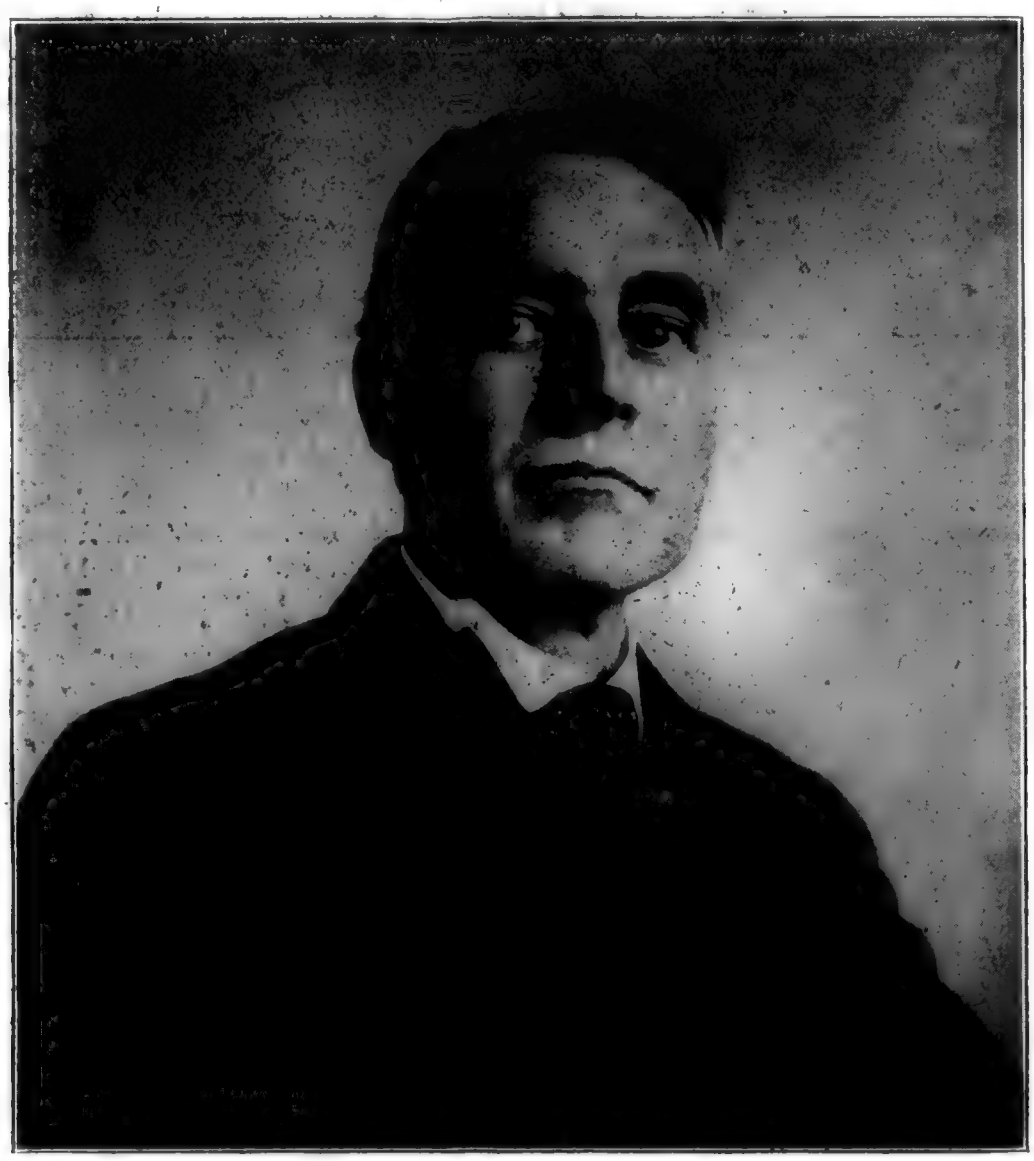
Geranium stock plants will by this time be carrying a heavy crop of cuttings. These, if inserted right away, may still be grown into nice 4-inch stock before spring sales start. A better plan than putting cuttings in the sand bench is to insert them singly in 2-inch pots, using a compost of loam and sand and standing them on a bench in full sun, where they can get a moderate bottom heat. Let the cuttings dry out well between the waterings. Under ordinarily favorable conditions, not over five per cent of these cuttings should fail to root.

Easter Lilies.

If your lilies are six inches high, they will be in season if given 60 degrees at night. If taller than this, let them have 5 degrees less heat. If less than six inches high, they will need constant forcing to get them into bloom by March 27. Remember, Easter comes early and we are likely to have a good deal of dark, cold weather. This being so, it is better to send the plants along now, and if you see buds peeping early in February, you will not be any too early. It is an easy matter to hold lilies back in a cool room for a few days when they are opening. It is a different proposition to try to sweat them into bloom in the last few days before Easter. The hardest forcing can be given the plants after the buds show, but if you are at all dubious about them, give them more warmth without delay.

Cinerarias.

Some growers grumble at the bench space cinerarias occupy at this season. To have them in good shape, with nice foliage down to the pots, they must not be allowed to crowd one another. As the flower stalks come up, feed them regularly; liquid cow or sheep manure, alternated with Clay's fertilizer once a week, will suit them. Grow them cool and airy, as they will not stand any forcing, and be sure you do not allow aphis to get any foothold on the plants. Cinerarias in a cool north house can be retarded until Easter this year, but any which flower earlier will make nice show plants for the store windows. They make good dwelling house plants, having good lasting qualities. Aphis is the only bugbear, as it usually appears within a fortnight, no matter how clean the plants when sold.



Director Willis N. Rudd.

SOCIETY OF AMERICAN FLORISTS.

President's Appointments.

F. R. Pierson assumed the office of president January 1 and announced the following appointments:

EXECUTIVE BOARD.

Willis N. Rudd, Morgan Park, Ill.
Robert Craig, Philadelphia, Pa.

BOTANIST.

Prof. John F. Cowell, Botanic Gardens, Buffalo, N. Y.

PATHOLOGIST.

Prof. H. H. Whetzel, Ithaca, N. Y.

ENTOMOLOGIST.

Dr. S. A. Forbes, Urbana, Ill.

WASHINGTON REPRESENTATIVE OF THE SOCIETY.

William F. Gude, Washington, D. C.

TARIFF AND LEGISLATIVE COMMITTEE.

Patrick O'Mara, Jersey City, N. J., chairman.
J. A. Valentine, Denver, Colo.
J. C. Vaughan, Chicago, Ill.
Patrick Welch, Boston, Mass.
John G. Esler, Saddle River, N. J.
J. O. Thilow, Philadelphia, Pa.

COMMITTEE ON SCHOOL GARDENS.

Benjamin Hammond, Fishkill-on-Hudson, N. Y., chairman.
A. T. De La Mare, New York, N. Y.
Prof. John F. Cowell, Buffalo, N. Y.
William B. Du Rie, Rahway, N. J.
H. B. Howard, Chicago, Ill.
Joseph Heacock, Wyncote, Pa.

COMMITTEE ON NATIONAL FLOWER SHOW.

As the work of this committee has not been accomplished, the committee appointed by President Valentine is continued, except that E. A. Stroud, of Overbrook, Pa., has been appointed to fill the vacancy occasioned by the resignation of Edwin Lonsdale.

NATIONAL COUNCIL OF HORTICULTURE.

C. G. Hill, Richmond, Ind.

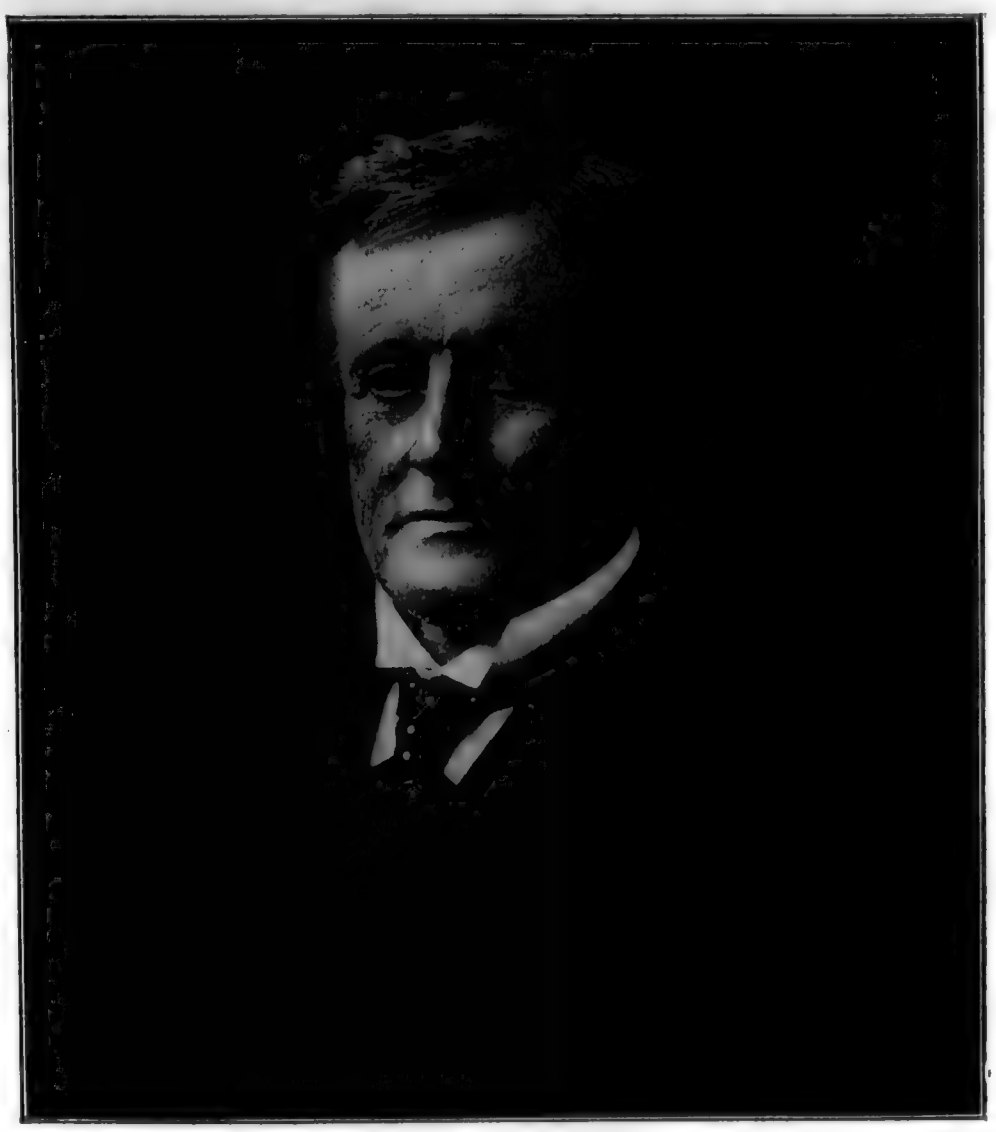
VICE-PRESIDENTS.

Alabama, George E. Luffman, Birmingham.
California (Northern), Hans Plath, San Francisco.
California (Southern), Morris Goldenson, Los Angeles.
Colorado, N. A. Benson, Denver.
Connecticut, Wallace R. Pierson, Cromwell.
District of Columbia, Peter Bisset, Washington.
Florida, E. N. Reasoner, Oneco.
Georgia, Daniel C. Horgan, Macon.
Idaho, J. W. C. Deake, Twin Falls.
Illinois (Northern), Leonard Kill, Chicago.
Illinois (Southern), J. F. Ammann, Edwardsville.
Indiana, W. W. Coles, Kokomo.
Iowa, James S. Wilson, Des Moines.
Kansas, A. H. Whitcomb, Lawrence.
Kentucky, D. B. Honaker, Lexington.
Louisiana, Harry Papworth, New Orleans.
Maine, William Miller, Bar Harbor.
Maryland, R. Vincent, Jr., White Marsh.
Massachusetts (Eastern), E. Allen Peirce, Waltham.
Massachusetts (Western), A. J. Loveless, Lenox.
Michigan (Eastern), Michael Bloy, Detroit.
Michigan (Western), Henry Smith, Grand Rapids.
Minnesota, Theo. Wirth, Minneapolis.
Missouri (Eastern), Otto G. Koenig, St. Louis.
Missouri (Western), W. L. Rock, Kansas City.
Mississippi, S. W. Crowell, Rich.
Nebraska, John J. Hess, Omaha.
New Hampshire, R. E. Hannaford, Portsmouth.
New Jersey, Joseph A. Manda, West Orange.
New York (Eastern), A. L. Miller, Brooklyn.
New York (Western), George B. Hart, Rochester.
North Carolina, J. L. O'Quinn, Raleigh.
Oklahoma, George Stiles, Oklahoma City.
Ohio (Northern), C. J. Graham, Cleveland.
Ohio (Southern), E. G. Gillett, Cincinnati.
Oregon, James Forbes, Portland.
Pennsylvania (Eastern), W. P. Craig, Philadelphia.
Pennsylvania (Western), Fred Burki, Gibsonia.
Rhode Island, L. J. Reuter, Westerly.
South Carolina, C. A. Moss, Spartanburg.
South Dakota, E. C. Newbury, Mitchell.
Tennessee, C. L. Baum, Knoxville.
Texas, Alexander Miller, Dallas.
Virginia, W. A. Hammond, Richmond.
West Virginia, A. Langhans, Wheeling.
Washington, Amy L. Lambly, Spokane.
Wisconsin (Eastern), Fred Holton, Milwaukee.
Wisconsin (Western), G. E. Schaefer, La Crosse.
Canada: Ontario, W. W. Gammage, London.
Manitoba, H. E. Philpott, Winnipeg.
Quebec, George A. Robinson, Montreal.
Alberta, A. M. Terrill, Galgary.

FROZEN CHRISTMAS STOCK.

Florists all over the country, but especially in the west, experienced much loss and disappointment over frozen stock at the Christmas just passed. Stock that was to fill orders already placed, and stock that was to take care of the trade that comes with a rush in those last days before Christmas, was received in a worthless condition, and cold type cannot express the disappointment of the retailers who had ordered novelties in plants and high-priced cut flowers, only to have them arrive frozen. Aside from the money loss, which is a heavy one, there is the loss of confidence and the fear to take the chances again next year that is demoralizing to business at the holiday season.

I do not think it is possible to provide absolute protection against all loss from frost when the thermometer goes to zero and below, but I do believe that in the great majority of cases loss can be avoided. There is no question that the express companies were not in position to take care of all the business of these few days, and they are responsible for some losses, and should make those losses good. There is no help for the box of perishable goods that stands forty-eight hours in an unheated barn or that is carted around town half a day



Director Robert Craig.

in an unheated wagon, and this article is not for such cases.

For many years I have been closely connected with the shipping trade and have prepared plants and flowers for transportation to every part of our own country, and many for sending across the water. Mistakes were made at first and shipments would be reported received in poor condition, but if shippers would do as I did—follow their shipments occasionally and see them opened up—they would learn a lesson that would open their eyes not only to their own mistakes but to those of others.

Many years ago the late Flint Kennicott made this remark to me: "I cannot understand why florists risk their valuable shipments of flowers without plenty of packing, when they can get a whole bundle of old newspapers for 5 cents." But what is "plenty of packing"? In spite of all the articles that have been written on this subject, and all the discussions at the florists' conventions, a large proportion of shippers do not realize the import of these three words. "Plenty of packing" in mild weather is one thing, and in zero weather it is quite another. Here is just the trouble. Three or four thicknesses of newspapers will be liberal packing for mild days, when the distance is short and you carefully deliver the goods to the station with your own wagon; but in the cold spell we had in the west at the holidays it is no protection at all when shipments must be gathered up by an express collector, carried a long distance on cold cars, and exposed again for hours in delivery.

Many shippers and receivers of flowers make arrangements with local express agents for picking up and delivering with special wagons, and when this is not possible, call for and deliver shipments with their own wagons, rather than risk loss of goods. With these precautions, if boxes are properly packed, they will usually carry safely even in the coldest weather.

For cut flowers, use the corrugated boxes when possible, for they are warmer than wooden ones. In either case, line with from three to five thicknesses of newspaper, then wadding, and treat the outside of the box the same way, doubling the number of sheets of paper here in extreme weather, and enclose all with fiber paper.

Some flowers came into Chicago Christmas week wrapped in perhaps twenty sheets of paper, and then frozen stiff. They were flowers easily injured by cold and had been long on the road. The maximum loss in this way ought to be small, and should be borne by the express companies.

The packing of plants is more difficult. Do not use a tight box for plants. Use a low or shallow box reaching well above the pots, and nail corner posts reaching above the top of plants. Line first with heavy fiber paper, then from three to five sheets of newspaper, a sheet of wadding next, followed by another layer of the newspapers. Next place plants in and securely fasten with a strip of wood to keep them upright. The paper and wadding must then be brought well over the top of the plants and fastened securely, taking care to overlap the corners well. Wrap the whole with heavy fiber paper and securely crate the sides and top. Mark on top the name of the consignee and address; also "perishable plants," "deliver at once," "keep from frost," etc.; and the same cautions might be printed on address tags.

A lot of thirty-one crates so packed were shipped out when the temperature

was below zero, going to five different states and to Canada. They were delivered to the depot in a special wagon, and so far but one lot has been reported frosted.

Another thing highly important is to bear in mind the sudden changes in temperature the plants are likely to encounter. Pack as if for zero weather, for you do not know but it may be that when your box reaches its destination. A shipment bound for Ohio left Chicago with the thermometer registering 40 degrees above zero, and the next morning found it 10 degrees below. It does not pay to take chances. Add to the expense and care you have had to grow your plants and flowers the little more that is necessary to carry them in comparative safety to their destination, and you will usually have nothing to regret.

Some plants from the east came into Chicago two weeks ago wrapped in one newspaper only and placed in an unlined box. The soil on them was frozen solid, of course. If you want the dollars for your stock at Christmas or any other time, do not slight your packing.

Take some plant and try your own experiments with it. Wrap and pack just as carefully as if for a long shipment and place it out of doors, say for two hours, and if it stands the test you can be reasonably sure you have found out what ordinarily is meant by "plenty of packing." Jas. G. Hancock.

NEWS, NOTES AND COMMENTS

Bethel, Me.—E. B. Davis had a vacant downtown store for the holiday trade and did a large business.

Batavia, Ill.—The Batavia Greenhouse Co. is adding a second story to its office building on South Batavia avenue.

Stevens Point, Wis.—W. E. Macklin had 2,000 Chadwick and Yellow Chadwick for the Christmas trade and found them first-class property.

North Cambridge, Mass.—Just at the height of the Christmas rush, John McKenzie was laid up with a troublesome foot, which recently required an operation.

Muncie, Ind.—Mrs. Geo. F. Miller says that the Christmas trade in Muncie was good in spite of the bad weather, which prevented people from getting out as much as in former years.

Salem, Mass.—The greenhouses of Wm. T. Walke, on Loring avenue, were damaged by fire on the night of December 20. The flames started near the boiler and swept through one of the houses, causing a loss of $300.

Woodsfield, O.—A fire at the establishment of J. M. Bishop, on the morning of December 20, destroyed his office, with all its contents, and also a part of one of his greenhouses. A pet dog, which sleeps in the office, awakened the family by its cries, and thus saved the residence and the rest of the houses from destruction.

Lancaster, Pa.—J. P. Siebold had an active trade during the whole of last year and an especially brisk business at the holidays. He finds ready sale for all he can produce, in plants, flowers and vegetables, and during the winter seasons he handles considerable quantities of hothouse vegetables from other growers, as he cannot grow enough for his trade.

South Portland, Me.—The store and greenhouse of Frank W. Dyer, on Ocean street, were completely destroyed by fire December 27. The fire started in a shed at the rear of a neighboring grocery and spread rapidly, on account of the fact that the fire department was delayed by the deep snowdrifts. Two buildings, in addition to Mr. Dyer's property, were burned to the ground. Mr. Dyer's loss amounted to some thousands of dollars, with only $700 of insurance.

Wheeling, W. Va.—W. F. Zane & Son made a large number of ground pine wreaths for holiday decorations. They secure the pine from Michigan.

Newton, Mass.—A small greenhouse owned by John McCarthy and situated near his dwelling, at 37 North street, was destroyed by fire December 5.

Des Moines, Ia.—Carl L. Olson, a florist connected with the Iowa Seed Co., and Hazel L. Divilbiss were married December 22.

Stoughton, Mass.—Horace W. Mann, the Washington street florist, was drawn for jury service in the Norfold superior court, which convened at Dedham, Mass., December 13.

Cambridge, Mass.—One of the greenhouses of Wm. E. Doyle, on Cambridge street near Leonard avenue, was damaged by fire early on Christmas morning. The loss amounted to several hundred dollars. The fire was caused by an overheated boiler.

Lexington, Ky.—The store of Honaker The Florist, on Main street near Upper street, was one of the finest show places in the city during the holidays and the amount of trade easily eclipsed that of a year ago. The window display included a dozen or more small orange trees, grown at Honaker's greenhouses, and bearing good-sized oranges.

Fort Madison, Ia.—J. M. Auge reports that Christmas trade was considerably larger than in former years, with cut flowers as the main feature, because the stormy weather of December 24 made the delivery of plants practically impossible. Red carnations were scarce, with demand in excess of the supply. Funeral work was heavy and cleaned up all white stock.

Augusta, Ga.—Christmas trade, with all the florists, was better than the previous year. Good weather was experienced until Friday, when rain set in, which lasted till noon Christmas. This of course cut down the sales somewhat below the mark that continued good weather would have made. Balk's Nursery proved equal to the emergency in effecting temporary repairs to the damage it suffered from the fire, December 13, and handled a larger trade than it did the previous Christmas.

Jacksonville, Fla.—The Jacksonville Floral Co. secured a neighboring vacant store for its Christmas business in greens and potted plants.

Cincinnati, O.—J. A. Peterson sent the trade a unique New Year's card, his own portrait surrounded by a wreath of holly embossed in colors.

Lawrence, Kan.—C. A. Hicks reports an excellent holiday trade. Everything was sold out and there was a heavier call for plants than ever before.

Hamilton, O.—The greenhouses at the country home of Col. J. C. Hooven, south of Hamilton, were partly destroyed by fire December 10. Neighbors went to the rescue and saved much of the property.

Augusta, Ga.—Stulb's Nursery, which conducts a business in plants and cut flowers, near the office of the City cemetery, reports that everything is selling at good prices and business is entirely satisfactory. Christmas trade was more than double that of a year ago.

Gloucester, Mass.—During the storm of Sunday, December 26, the ocean tide rose so high as to flood the greenhouse boiler-rooms on the estates of Lester Leland and the late Robert C. Hooper, causing serious damage to the plants and other property. The loss on the Leland estate was estimated at $10,000.

Philadelphia, Pa.—The Diamond Flower Shop is the name of a store which was opened last summer at the corner of Ridge avenue and Diamond street, by Geo. W. Grover & Son, formerly located at 3441 Ridge avenue. Trade at the new place was somewhat dull for a time, as might be expected, but the holiday business was profitable and the outlook for 1910 is quite hopeful.

Nashua, N. H.—W. W. Powers' holiday trade this year was far ahead of his expectations and surpassed anything in former years. Trade commenced early and increased steadily until everything was sold out. Flowering plants of all kinds were in great demand, and there was a good sale for brass jardinieres, of which he handles a large line. Cut flowers were sold out clean. Christmas greens also were in great demand. A number of extra help were kept constantly on the move and all orders were properly packed and sent out on time.



Seeing Leonard Kill Off for California, Chicago, January 4, 1910. Photo by Chicago American.

SNOW INCREASES CUTS.

It used to be the idea that snow was a decided detriment to the production of cut flowers; it lay for days on the glass of the old-style greenhouses, shut out the light and retarded the development of blooms. But one of the observing, thinking men in the selling end of the business—where thought is becoming each year more and more necessary—says that snow is no longer a detriment, that it is a strong factor in increasing production. He figures it out this way: With the modern iron-gutter houses the snow passes off practically as fast as it falls; it leaves the glass clear and the ground dazzling white. Everybody knows that a house kept painted pure white is better to grow in than one that is unpainted; that white surroundings make for a lighter house than one that is in dark environment. Hence this authority argues that a snowy season like the present is a positive help to the cut flower grower.

A CROP FOR EASTER.

Will you tell me what to put in a vacant space I have in a greenhouse? I have a ground bed in the greenhouse, fifty feet long, with good soil. I have been thinking of Paper White narcissi for Easter bloom. Is it too late to start the bulbs? I have an excellent cellar for starting them. Would it be best to plant in flats and then set the flats on this bench after starting, or is there any other kind of stock which would be more profitable? What would be a good temperature for narcissi? The greenhouse is steam heated. I have a good many potted plumbagos cut back. Could I bring them into bloom for Easter?

M. E. H.

It is now too late to start bulbs of Paper White narcissi. Any which are still out of the soil will be too badly dried up to be of any value. You could purchase any of the spiræas (astilbes), such as grandiflora, astilboides, floribunda, Gladstone and the old Japonica. Pots of these will sell well for Easter. Other plants, such as azaleas, lilacs and genistas, would be in flower by the end of March.

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W. N. C.

was below zero, going to five different states and to Canada. They were delivered to the depot in a special wagon, and so far but one lot has been reported frosted.

Another thing highly important is to bear in mind the sudden changes in temperature the plants are likely to encounter. Pack as if for zero weather, for you do not know but it may be that when your box reaches its destination. A shipment bound for Ohio left Chicago with the thermometer registering 40 degrees above zero, and the next morning found it 10 degrees below. It does not pay to take chances. Add to the expense and care you have had to grow your plants and flowers the little more that is necessary to carry them in comparative safety to their destination, and you will usually have nothing to regret.

Some plants from the east came into Chicago two weeks ago wrapped in one newspaper only and placed in an unlined box. The soil on them was froz solid, of course. If you want the doll for your stock at Christmas or any otl time, do not slight your packing.

Take some plant and try your ov experiments with it. Wrap and pa just as carefully as if for a long sh ment and place it out of doors, say t two hours, and if it stands the test y can be reasonably sure you have fou out what ordinarily is meant by "plen of packing." Jas. G. Hancock.

NEWS, NOTES, AND COMMENTS

Bethel, Me.—E. B. Davis had a vacant downtown store for the holiday trade and did a large business.

Batavia, Ill.—The Batavia Greenhouse Co. is adding a second story to its office building on South Batavia avenue.

Stevens Point, Wis.—W. E. Macklin had 2,000 Chadwick and Yellow Chadwick for the Christmas trade and found them first-class property.

North Cambridge, Mass.—Just at the height of the Christmas rush, John McKenzie was laid up with a troublesome foot, which recently required an operation.

Muncie, Ind.—Mrs. Geo. F. Miller says that the Christmas trade in Muncie was good in spite of the bad weather, which prevented people from getting out as much as in former years.

Salem, Mass.—The greenhouses of Wm. T. Walke, on Loring avenue, were damaged by fire on the night of December 20. The flames started near the boiler and swept through one of the houses, causing a loss of $300.

Woodsfield, O.—A fire at the establishment of J. M. Bishop, on the morning of December 20, destroyed his office, with all its contents, and also a part of one of his greenhouses. A pet dog, which sleeps in the office, awakened the family by its cries, and thus saved the residence and the rest of the houses from destruction.

Lancaster, Pa.—J. P. Siebold had an active trade during the whole of last year and an especially brisk business at the holidays. He finds ready sale for all he can produce, in plants, flowers and vegetables, and during the winter seasons he handles considerable quantities of hothouse vegetables from other growers, as he cannot grow enough for his trade.

South Portland, Me.—The store and greenhouse of Frank W. Dyer, on Ocean street, were completely destroyed by fire December 27. The fire started in a shed at the rear of a neighboring grocery and spread rapidly, on account of the fact that the fire department was delayed by the deep snowdrifts. Two buildings, in addition to Mr. Dyer's property, were burned to the ground. Mr. Dyer's loss amounted to some thousands of dollars, with only $700 of insurance.

Wheeling, W. Va.—W. F. Zane & Son made a large number of ground pine wreaths for holiday decorations. They secure the pine from Michigan.

Newton, Mass.—A small greenhouse owned by John McCarthy and situated near his dwelling, at 37 North street, was destroyed by fire December 5.

Des Moines, Ia.—Carl L. Olson, a florist connected with the Iowa Seed Co., and Hazel L. Divilbiss were married December 22.

Stoughton, Mass.—Horace W. Mann, the Washington street florist, was drawn for jury service in the Norfold superior court, which convened at Dedham, Mass., December 13.

Cambridge, Mass.—One of the greenhouses of Wm. E. Doyle, on Cambridge street near Leonard avenue, was damaged by fire early on Christmas morning. The loss amounted to several hundred dollars. The fire was caused by an overheated boiler.

Lexington, Ky.—The store of Honaker The Florist, on Main street near Upper street, was one of the finest show places in the city during the holidays and the amount of trade easily eclipsed that of a year ago. The window display included a dozen or more small orange trees, grown at Honaker's greenhouses, and bearing good sized oranges.

Fort Madison, Ia.—J. M. Auge reports that Christmas trade was considerably larger than in former years, with cut flowers as the main feature, because the stormy weather of December 24 made the delivery of plants practically impossible. Red carnations were scarce, with demand in excess of the supply. Funeral work was heavy and cleaned up all white stock.

Augusta, Ga.—Christmas trade, with all the florists, was better than the previous year. Good weather was experienced until Friday, when rain set in, which lasted till noon Christmas. This of course cut down the sales somewhat below the mark that continued good weather would have made. Balk's Nursery proved equal to the emergency in effecting temporary repairs to the damage it suffered from the fire, December 13, and handled a larger trade than it did the previous Christmas.

Jacksonville, Fla.—The Jacksonvill Floral Co. secured a neighboring vacan store for its Christmas business in green and potted plants.

Cincinnati, O.—J. A. Peterson sen the trade a unique New Year's card, h own portrait surrounded by a wreath o holly embossed in colors.

Lawrence, Kan.—C. A. Hicks report an excellent holiday trade. Everything was sold out and there was a heavier cal for plants than ever before.

Hamilton, O.—The greenhouses at th country home of Col. J. C. Hooven, sout of Hamilton, were partly destroyed b fire December 10. Neighbors went to th rescue and saved much of the property.

Augusta, Ga.—Stulb's Nursery, whic conducts a business in plants and cu flowers, near the office of the City cem tery, reports that everything is selling a good prices and business is entirely satisfactory. Christmas trade was more th double that of a year ago.

Gloucester, Mass.—During the stor of Sunday, December 26, the ocean ti rose so high as to flood the greenhous boiler-rooms on the estates of Lester L land and the late Robert C. Hooper, cau ing serious damage to the plants a other property. The loss on the Lela estate was estimated at $10,000.

Philadelphia, Pa.—The Diamon Flower Shop is the name of a sto which was opened last summer at t corner of Ridge avenue and Diamon street, by Geo. W. Grover & Son, f merly located at 3441 Ridge aven Trade at the new place was somewh dull for a time, as might be expecte but the holiday business was profitab and the outlook for 1910 is quite hop ful.

Nashua, N. H.—W. W. Powers' ho day trade this year was far ahead of l expectations and surpassed anything former years. Trade commenced ea and increased steadily until everythi was sold out. Flowering plants of kinds were in great demand, and th was a good sale for brass jardinieres, which he handles a large line. Cut flo ers were sold out clean. Christmas gree also were in great demand. A numb of extra help were kept constantly on t move and all orders were properly packe and sent out on time.



Seeing Leonard Kill Off for California, Chicago, January 4, 1910. Photo by Chicago American.

SNOW INCREASES CUTS.

It used to be the idea that snow was a decided detriment to the production of cut flowers; it lay for days on the glass of the old-style greenhouses, shut out the light and retarded the development of blooms. But one of the observing, thinking men in the selling end of the business—where thought is becoming each year more and more necessary—says that snow is no longer a detriment, that it is a strong factor in increasing production. He figures it out this way: With the modern iron-gutter houses the snow passes off practically as fast as it falls; it leaves the glass clear and the ground dazzling white. Everybody knows that a house kept painted pure white is better to grow in than one that is unpainted; that white surroundings make for a lighter house than one that is in dark environment. Hence this authority argues that a snowy season like the present is a positive help to the cut flower grower.

A CROP FOR EASTER.

Will you tell me what to put in a vacant space I have in a greenhouse? I have a ground bed in the greenhouse, fifty feet long, with good soil. I have been thinking of Paper White narcissi for Easter bloom. Is it too late to start the bulbs? I have an excellent cellar for storing them. Would it be best to plant in flats and then set the flats on this bench after starting, or is there any other kind of stock which would be more profitable? What would be a good temperature for narcissi? The greenhouse is steam heated. I have a good many pots of plumbagos cut back. Could I bring them into bloom for Easter?

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress March 4, '01

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

RESULTS.
We give them. You get them.
We both have them.

Not a few subscribers save themselves the bother of annual renewal by sending the Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THE SATISFIED CUSTOMER.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

Enclosed you will find $1 for the renewal of my subscription to the Weekly Florists' Review. No other investment will yield me as great an income as the above. Through the agency of the Review during the past two years I have disposed of several hundreds of dollars' worth of surplus stock, for which please accept my thanks.—A. R. Watkins, Gaithersburg, Md., December 24, 1909.

OBITUARY.

Mrs. C. Frauenfelder.

Martha Frauenfelder, wife of Conrad Frauenfelder, the well known retail florist on West Madison street, Chicago, died early in the morning of January 1, after an illness dating back to last spring. She was operated on April 28 and for a brief time was improved in health, but for the greater part of the time which has elapsed she was confined to her couch. Mrs. Frauenfelder thoroughly appreciated the hopeless character of her illness, but it was her wish to be spared until after the Christmas holidays, and at Christmas time she was able to participate in the children's tree and to prepare with her own hands a number of the gifts for friends.

Mrs. Frauenfelder left two children, Edna and Hazel. She also is survived by her father, George H. Froboese, and a sister. Mr. Froboese is associated with Mr. Frauenfelder in the flower business. The funeral was held from the residence, 3343 West Madison street, Chicago, on the afternoon of January 4 and was largely attended. There was an exceptionally large showing of floral pieces, for Mr. and Mrs. Frauenfelder were widely known in their neighborhood and in the trade. A large number of Chicago florists were in attendance. The remains were placed in the vault at Waldheim cemetery. Mr. Frauenfelder is himself in precarious health.

Frederick Sunkel.

Frederick Sunkel, a well known landscape gardener, died at his home in Alameda, Cal., December 24. He had resided in that town for fifty-four years and was 78 years of age at the time of his death. He is survived by three sons and two daughters. Mr. Sunkel was a native of Germany.

Frederick L. Bruenig.

Frederick L. Bruenig, of St. Louis, Mo., father of Mrs. Henry Berning, died Wednesday, December 29, after a long illness. He was 63 years of age. Mr. Bruenig's wife died only a week ago. The funeral took place from the residence of Mr. Berning, Friday, December 31, and was attended by many friends in the trade, who sent beautiful floral designs. The trade extends its sympathy to Mrs. Berning and Otto Bruenig, they having lost both mother and father inside of ten days.

THE SITUATION IN GLASS.

It is stated by manufacturers in the vicinity of Columbus, O., that the buying movement in window glass has started in earnest, and the outlook is for the best trade in the history of the industry. It was but a few months ago that the manufacturers were selling their product at fifty-six per cent of the list price, and now they are getting seventy-five per cent of the list price, and cannot fill orders. Dealers delayed buying all during the fall, but now they are in the market and the factories are being operated to their full capacity. It is now practically certain that the Imperial Window Glass Co., the new selling agency of the independent factories, will open its offices in Pittsburg about January 10, and be an active factor in the glass trade. The new company now has contracts signed with all but one or two of the glass factories of the country outside the American Window Glass Co., and will handle the output of over 2,000 pots.

CHICAGO.

The Great Central Market.

The conditions attending the departure of the old year were without precedent in this market. Never before has there been anything like the quantity of stock between Christmas and New Year's, and never at this season have prices varied so widely. Not so many years ago the prices of cut flowers held practically at the Christmas level until after New Year's, but for several seasons there has been a tendency for lower values, and this year the extremely large receipts produced a decline in prices that was without parallel. The slump was most severe right after Christmas, and there was a general improvement as the week progressed and buyers again came into the market. Many houses say that because of the large supplies of stock, and in spite of the unusually low prices, their sales for the final week of the year beat all records for the corresponding period. Toward the latter part of last week business was exceptionally good and prices varied less widely as between the stock sold on the legitimate demand and that jobbed off. The trouble has been for some weeks that the weather was so severe that the cheap salesmen were practically out of business. The result has been that after the requirements of the shipping trade and the local retailers had been met, there was practically no outlet for the surplus, which therefore realized far less money than it would have realized had the people who cater to the transient trade in loose flowers been operating, as they do in mild weather.

The New Year's demand was excellent, but the unfortunate Christmas experience with carnations was repeated, though the unsold quantities were not quite so great. There is considerable unrest among the carnation growers because they did not realize what they expected either at Christmas or New Year's. One wholesaler says he handled between Christmas and New Year's at least three times as many flowers as he

It is a most significant fact that for the year 1909 our business shows the greatest increase in its history.

The Increase Was

Exactly $71,009.10

We feel that we are perfectly justified in becoming enthusiastic over this showing, for the increase in our business is the measure of our success in serving the interests of our growers and buyers. **We certainly must be serving both well or such an increase would not have been possible.**

We believe the rapid but steady growth of our business is a matter of public interest, because every buyer should wish to know where his interests are best looked after.

Our success is founded on two factors:

1st. Strictest business integrity and best business methods.

2d. By concentrating our energies on selling cut flowers **only**, we are able to handle each consignment so carefully that every flower not only goes out in the best possible condition, but actually in better condition than when received from the growers.

Our Facilities for 1910

are greater than ever. Our policy of business-building has gained for us the support of a list of growers in which we take the greatest pride—good growers, one and all. Our present supply is the greatest in our history, the average quality the best, and our store force adequate to give **new** customers the kind of service that has held the old.

Our Leaders: Beauties, Killarneys, Carnations, Sweet Peas, Valley, Green Goods.

Price List

	Per doz.
AMERICAN BEAUTY	
Long stems	$4.00 to $5.00
Stems 30 inches	3.00
Stems 24 inches	2.50
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
	Per 100
Killarney, special	$12.00 to $15 00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Richmond, special	12.00 to 15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Maid and Bride, special	12.00
" " select	8.00 to 10 00
" " seconds	4.00 to 5.00
Mrs. Field	6 00 to 12.00
My Maryland	6.00 to 12.00
CARNATIONS	
Common and split	1.50 to 2.00
Select, large and fancy	3.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	1.00 to 1.25
" " single	.75 to 1.00
Sweet Peas, fancy	1.00 to 1.50
Jonquils	4.00
Tulips	4.00
Valley	4.00 to 5.00
Easter Lilies, per doz., $2.00	15.00
Callas " 2.00	
Stevia	1.50 to 2.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.85 to .50
" Sprengeri, per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax, per doz., $2.00	15.00
Ferns, per 1000, 2.00	.25
Galax, bronze " 1.00	.15
" green " 1.00	.15
Leucothoe	.75
Mexican Ivy, per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Roses - Beauties - Carnations

A Large Supply of Fine Stock—Can Fill All Orders

WHITE LILAC—Ready January 15

CATTLEYAS
None finer ever received in this market.

VALLEY
Extra fancy stock in regular daily supply.

VIOLETS
Finest Double and Single in largest quantity.

SWEET PEAS
Good stock in white and pink in quantity—A few lavender.

We Invite Your Orders.

WILD SMILAX
Always on hand, special rates on large quantities.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

ever did before in the same week, and others subscribe to the statement. It probably was the first time on record that carnations ever went to waste in that week of the year. But the increase in the supply of Beauties was so great that the price came down on the run, and other roses also were much lower. White roses maintained their position better than almost anything else, but violets sold splendidly as New Year's approached and made rather better prices than had been anticipated.

The new year has started with the market liberally supplied in all lines, but business is good and a cheerful tone pervades the wholesale market. Prices are lower than they usually are at this season, but the supply is so much larger than usual that the volume of sales is running into good money. With the lower prices retailers are able to give their customers good value and at the same time make fair profits for themselves.

White roses are the only item that appears short of the demand; these are not always to be had in the grade wanted unless notice of an hour or two is given. Callas are not in large supply, but Easter lilies are more plentiful. Valley is abundant one day and scarce the next. Proserpine tulips have come into the market, but are yet too short in stem to sell well.

Asparagus strings are not abundant and smilax is not pushing for a market, but other indoor greens are plentiful. There is complaint as to the quality of boxwood, and some of the hardy cut ferns are proving a disappointment thus early.

Business for December.

December was a good month in the Chicago market. The business of nearly all the wholesalers showed an increase compared with the same month a year ago. The weather was far colder than normal through almost the whole of the month, but trade was fairly steady—shipping was especially good. The lull before the Christmas rush was hardly so pronounced as usual, and Christmas gave an increase in sales for a considerable number of houses, in spite of the fate that overtook quite a few of the carnations. Between Christmas and New Year's the total of sales ran materially above those of other years, with a fine business for New Year's.

APHINE

The new insecticide discovery that kills plant lice of every species

An effective remedy, indoors and outdoors.
Endorsed by eminent entomologists and other experts.
Can be applied as a spray, wash or dipping solution.
Used at various strengths—1 part Aphine to 15 to 40 parts water.

$2.50 per gallon

If your supply house cannot furnish Aphine, write us for names of our nearest selling agents.

Aphine Manufacturing Co., Madison, N. J.

Mention The Review when you write.

The Year's Business.

It is the fashion for several of the daily papers to publish New Year's day elaborate statistics of Chicago's wholesale and manufacturing industries. Of course these are merely estimates, but they are estimates made by good judges after interviews with editors of trade papers, heads of large establishments, etc. The Tribune puts the wholesale cut flower trade of Chicago for 1909 as $2,220,000, against $2,000,000 in 1908. The Record-Herald makes it $2,000,000 in 1909, against $1,815,000 in 1908. They agree that the increase was about ten per cent. The Review thinks the total of sales of cut flowers and green goods at wholesale in this market in 1909 ran somewhere from $2,000,000 to $2,250,000.

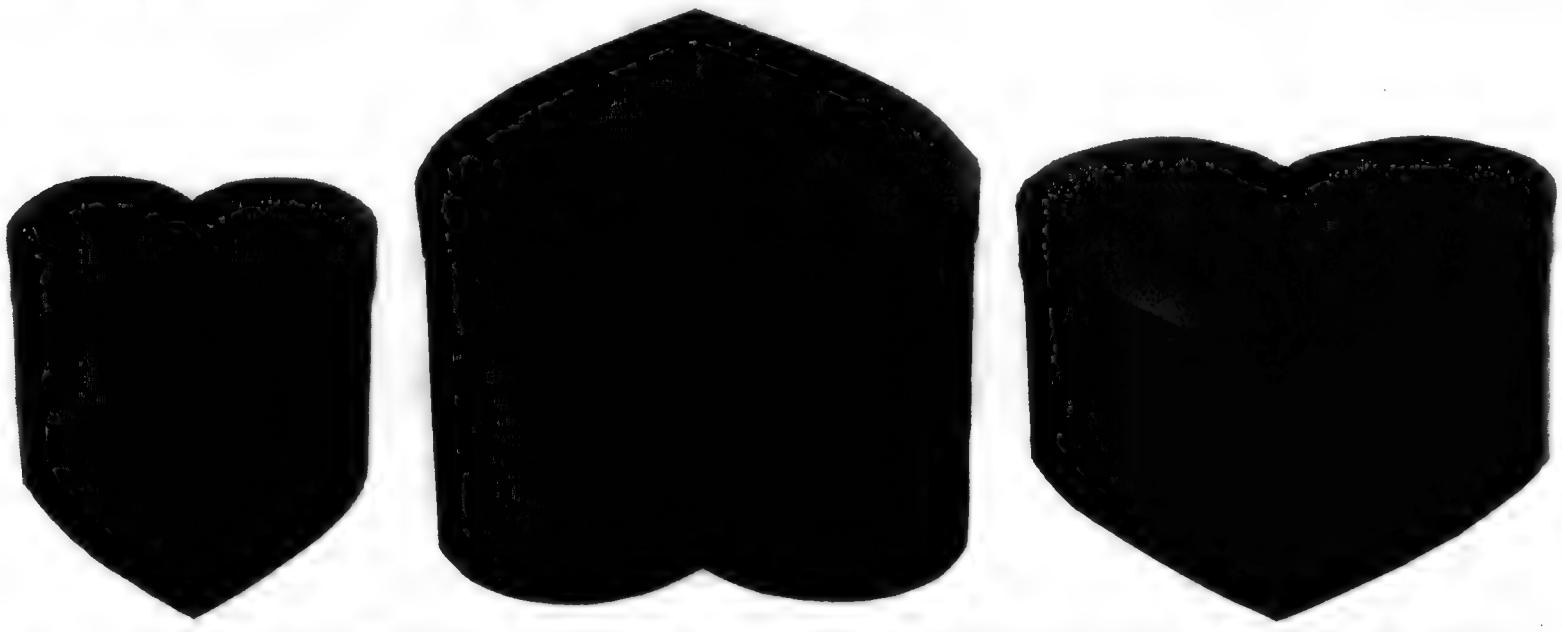
The Record-Herald quotes Peter Reinberg on the year as follows: "In Chicago and the immediate vicinity are located the largest greenhouse establishments in the world. They have been added to greatly during the past year by the erection of new establishments and by additions to the old ones. The increase in the amount of glass caused a very large increase in the output, which in turn made lower and more uniform prices. The retail florist has been able to get most anything he needed at reasonable prices at all times during the year, and could give his customers much better value for their money. The fluctuations in the market were much less than previously. The output of flowers in Chicago has been so great that the Chicago wholesaler is getting business away from the New York flower market, as far east as Rochester and Utica. The northwest has bought thousands of dollars' worth of flowers more than last year, the most notable increase being in the Dakotas."

December Weather.

With the single exception of 1903, December was the coldest last month of the year since 1876. The mean temperature was 9 degrees below that of December, 1908, and 11 degrees below that of the same month in either of the two preceding years. At no time in the month did

Red Heart-shaped Violet Boxes

You will need these for Valentine's Day (Feb. 14) and we advise ordering early, for last year the demand at the last minute exceeded the supply. Speak now and avoid disappointment.



No. 1, appropriate for 50 violets, $1.80 doz.; No. 2, appropriate for 100 violets, $2.40 doz.; No. 3, appropriate for 200 violets, $3.00 doz.

Write for prices by the 100 or more

VIOLET BOXES

We have a complete line of Violet Boxes, all qualities, from those that cost you only 2 cents to those that are 18 cents—every one good value at the price.

Inexpensive Violet Boxes—Color a perfect violet shade. These are folding boxes and when made up are very neat and strong.

Size	Per 100	Size	Per 100
2¾x6½x3¾	$2.00	5 x 9x6	$3.20
3½x8 x4	2.20	5½x11x3	4.40

Made-up Violet Boxes

Size	Per 100	Size	Per 100
6¾x8¾x3	$6.75	10½x6x5½	$11.50
7¼x4¾x3½	7.00	12 x7x5¾	13.50
8 x5 x4½	8.75		

Duplex Folding Violet Boxes

Made from heavy card board, with violet colored waterproof enameled paper on outside and fern-green felt inside. A handsome bunch of violets in five colors printed on the covers.

Size	Per 1000
7x4x3½	$37.50
8x5x4½	50 00
10x6x5½	60.00
12x8x5½	70.00

Made-up Violet Boxes

The new embossed Violet Boxes in gold or violet shades.

Size	Per 100
6x4 x3½	$12.00
7x4½x4	15.00
8x5 x4½	18.00

NOTICE—We do not sell less than 25 boxes of any one size, except the heart-shaped.

We have a full line of Cut Flower and Corrugated Boxes. Write for special circular.

Violet Cords, Ribbons and Tassels

We have a great variety of these, ranging in price from 35c to $3.00 per doz. Order an assortment at $5.00, $10.00 or $15.00, naming about the price per dozen you wish to pay. We will please you.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

Krick's Florist Novelties



Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. Just the thing for plant growers; will sustain a weight of 100 lbs.

1164-1166 Greene Ave., BROOKLYN, N. Y.

Mention The Review when you write.

the temperature get above 53 degrees, and the lowest was 7 below, indicating how steadily cold it was. There was forty-five per cent of the possible sunshine, which was high considering the fact that there were only seven clear days and eighteen upon which snow fell. The total snowfall for the month was 19.1 inches. To add to the growers' troubles, the wind movement was 12,278 miles, making an average hourly velocity of sixteen miles, which helped the cold weather to eat into the coal pile.

Various Notes.

Just before Christmas the three stores operated by the Butler Floral Co., or R. Jahn, were closed on an execution under a judgment for some $400 in favor of W. L. Palinsky for plants bought last Easter. On payment of $150 in cash, Mr. Palinsky's attorneys released the Sheridan road store and the temporary Christmas store on the west side of Dearborn street, just below Van Buren, but they held the fixtures of the main store, carting them to storage. Mr. Jahn is now operating the temporary store across the street from his former main one, as the Old Colony Floral Co., R. Jahn manager. The Sheridan road store is going on as heretofore.

When Andrew McAdams visited a number of the wholesale houses last week he said he was planning a California trip, but he neglected to state that he would be taking a bride with him. On New Year's eve Mr. McAdams and Rhoda Robertson were married at the family home at Fifty-third street and Kimbark avenue. Mr. McAdams is 60 years of age and his bride, who was his sister-in-law, is 52. Her former home was in Florida, but for the last two or three years she has been a member of the McAdams household. Mr. McAdams is an ex-president of the Chicago Florists' Club and one of the best liked men in the trade in Chicago. Mr. and Mrs. McAdams left immediately for California, but congratulations will be in order on their return.

After an experience of two months in the wholesale business, as manager of the Percy Jones commission establishment, George Walther has concluded that his best interests lie in giving his personal attention to his retail store on Sixty-third street. Henry Van Gelder, who was with Percy Jones for several years prior to that gentleman's death, will in future have charge, the change taking place January 1.

E. C. Amling says the violet is in high

Buy Your CUT FLOWERS in Milwaukee

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
CARNATIONS, well, you know the grade grown around Milwaukee; if not, try a shipment.
VIOLETS, only Wisconsin grown. They have a violet odor. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns. Our stock and service, once tried, will cause you to become a regular customer.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write

favor this season, selling better than it has for years. He gives three reasons for its popularity: First, that the quality of the flowers is better than heretofore offered in this market; second, that the methods of bunching, shipping and handling have improved, so that the flowers reach the retailers in fresher condition; third, that the leading retailers now put up their corsage bunches in such attractive fashion that people who have the price simply can't resist. Mr. Amling notes that the increase in sales is principally to the high-class stores.

Conrad Frauenfelder is one of the best liked men in the trade and it was with sincere regret that the market learned of the death of Mrs. Frauenfelder New Year's morning, particulars of which will be found in the obituary column.

It was a sad New Year for William P. Kyle, of Kyle & Foerster, whose only son died on the last day of the old year. Francis L. Kyle was approaching his ninth birthday. He was a bright child, but for several years had suffered ill health and for many months had been an invalid. Every effort was made to fan the waning fires of life into a steady glow, but the flame burned itself out with the end of the year. The funeral was held Sunday morning, January 2, from the family home at 5437 Lake avenue. There were many flowers, for Mr. and Mrs. Kyle have the sympathy of all who know them. Interment was at Mount Greenwood.

With the new year Nick Miller joined the J. B. Deamud Co., and Miss Florence L. Emmett, who has been in charge of the books for some years and secretary since the incorporation, retired. Mr. Miller is well known as grower, greenhouse builder and exhibition manager. William Homburg, of the J. B. Deamud Co., has been on the sick list for several days.

James Aldus, Jr., Iowa City, Ia., and Miss Margaret Lee were married in Chicago New Year's eve. Mr. Aldus arrived so late that day that he knew he could not obtain a marriage license, so he telegraphed and arrangements were made to accommodate him after the usual office hours.

W. J. Smyth has so far recovered from his automobile accident of last summer that he now walks with only a slight limp, which he expects soon to disappear. He still carries a cane.

E. C. Amling's employees at Christmas presented him with a handsome sealskin cap, of which he is extremely proud.

W. H. Hilton has been seriously ill, but is now on the road to recovery. Shortly before Christmas his life was despaired of.

Leonard Kill and Mrs. Kill, with their little girl, started for California Tuesday evening. There was quite a gathering at the Santa Fe station to see them off.

WESTERN

ORCHIDS

Chas. W. McKellar — 51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, January 10, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,		$6.00
Dendrobium Formosum, white.	"		6.00
Cypripediums, green, per 100, $15.00	"		2.00
Assorted, selected flowers	Per box,	$5.00 to	25.00
Gardenias	Per doz.,	3.00 to	5.00
AMERICAN BEAUTY—Specials	"		5.00
30 to 36-in	"	3.00 to	4.00
20 to 24-in	"	2.00 to	2.50
15 to 18-in	"	1.25 to	1.50
Shorter	"	.75 to	1.00
Killarney, special	Per		2.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
My Maryland, special	"		12.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
Richmond, special	"		12.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
Mrs. Field	"	5.00 to	10.00
Bridesmaid	"	5.00 to	10.00
Bride	"	5.00 to	10.00
ROSES, our selection, mixed	"		4.00
CARNATIONS			
Select	Per 100,		$2.00
Fancy	"	$3.00 to	4.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,	.75 to	1.25
" single	"	.75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00		15.00
Sweet Peas	"		1.00
Bouvardia	"	4.00 to	6.00
Paper Whites and Romans	"		3.00
Jonquils	"	3.00 to	4.00
Tulips	"	3.00 to	4.00
Stevia	"		1.50
Mignonette	"	4.00 to	8.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
" "	Per bunch,	.35 to	.75
" Sprengeri	"	.35 to	.75
Adiantum	Per 100,	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.00
" " "	Case 10,000,		7.50
Leucothoe	Per 100,		.75
" bronze	"		1.00
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

ROSES
CARNATIONS

We have a large supply in all lines—the kind of stock the average florist can use in quantity. YOU take the orders, wire us and we will send the right stock to fill them.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

PRICE LIST

BEAUTIES	Per doz.
48-inch and over	$5.00
30 to 36-inch	$3.00 to 4.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00

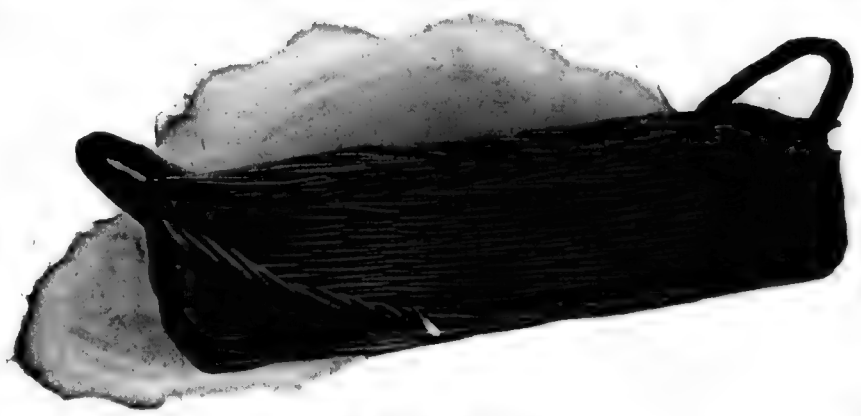
ROSES (Teas)	Per 100
Bride and Maid	$5.00 to $10.00
Richmond	5.00 to 10.00
Killarney	5.00 to 10.00
White Killarney	5.00 to 10.00
My Maryland	5.00 to 10.00
Perle	6.00 to 10.00
Roses, our selection	4.00
CARNATIONS, medium	2.00 to 3.00
" fancy	4.00

MISCELLANEOUS	
Harrisii Lilies	20.00
Valley	3.00 to 5.00
Violets	.75 to 1.25
Paper Whites	3.00
Stevia	1.50
Sweet Peas	1.00
Callas.....per doz. $2.00	

GREENS		
Smilax Strings.....per doz.,	1.50 to	2.00
Asparagus Strings.....each,	.50 to	.60
Asparagus Bunches..... "	.35 to	.50
Sprengeri Bunches..... "	.35 to	.50
Adiantum..... per 100,	.75 to	1.00
Ferns, Common.....per 1000,		2.00
Galax..... "		1.00
Leucothoe		.75
Boxwood.....lb., 25c		
Wild Smilax..... $2.50, $3.50 and		4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.



No. 822, Colonial.

FLORISTS' BASKETS

Window and Porch Box Baskets are among the best sellers. They are made in all sizes, from 8 inches long to 6 feet. They are adapted o hold plants in pots, or filled with earth and growing plants, or vines. Have a wonderfully pleasing and artistic value upon the surrounding settings. Last spring we could not fill all orders; now we are better equipped Order now. Any that do not please you may return. State sizes and colors wanted.

PRICES TO THE TRADE:

18-in. long, each, $1.70 | 30-in long, each, $2.50 | 42-in. long, each, $3.30
24-in. long, each, 2.10 | 36-in. long, each, 2.90 | 48-in. long, each, 3.70
Without handles, 50c each, less.

——Illustrated Catalogue upon request.——

MADISON BASKETCRAFT CO., Madison, Ohio

Mention The Review when you write.

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., Brooklyn, N. Y.

Mention The Review when you write.

Mr. Kill plans to return March 17, but did not select the day because of its associations with the shamrock.

The annual meeting of the Flower Growers' Market stockholders was called for January 3, but a quorum did not attend, so the meeting was postponed.

Henry Payne, of Hinsdale, has been experiencing a fuel famine for some little time. Bassett & Washburn were down to a week's supply, but say cars now are coming in every day.

The January meeting of the Florists' Club will be held at the Union restaurant Thursday evening, January 6. Election of officers is in order. The only contests are for secretary and trustees.

After boring for months, Hoerber Bros. struck rock in their well at Des Plaines at a depth of 380 feet. Rock usually means water, so that they hope soon to be able to dispense with the connection with the public plant at Des Plaines.

W. N. Rudd ceased to be secretary of the S. A. F. January 1, but assumed the less arduous duties of director. He says he has enjoyed the secretaryship exceedingly, but is glad to pass the job on to another. During the last year fifty-two life members were added to the rolls.

One of the week's visitors was J. J. Karins, representing Henry A. Dreer, Philadelphia.

Mrs. W. E. Lynch returned New Year's day from her visit at Hatfield, Mass., where her mother is ill.

John Zech says he thinks there are ten pink roses for every white one now in market, while the proportion should be about three to one.

Fritz Bahr's daughter, Mona, is quite ill with typhoid fever.

Charles Young, of C. Young & Sons Co., St. Louis, is in town this week buying stock for some big decorations.

J. A. Peterson, of Cincinnati, was in town for a couple of days this week with a beautiful sample plant of his new begonia, Gloire de Cincinnati.

Bowling.

Allie Zech did the florists credit in the city bowling tournament New Year's eve. With E. F. Winterson he bowled in the doubles, and the scores they made were as follows:

Player.	1st	2d	3d	T'l
E. F. Winterson	147	146	196	489
A. Zech	205	245	191	641
Total				1,130

Both Mr. Winterson and Mr. Zech bowled individually in the singles, and made these scores:

Player.	1st	2d	3d	T'l
E. F. Winterson	164	161	160	485
A. Zech	163	173	151	487

The Florists will bowl in the five-men team contest at 11 p. m. January 6.

The scores made by the Florists' Bowlers last week were as follows:

Carnations.	1st	2d	3d	Roses.	1st	2d	3d
Ayers	113	122	115	Skafgard	115	145	137
Pasternick	123	186	147	Orseske	144	154	89
Krauss	129	111	141	Pieser	117	89	112
Farley	143	158	201	Goerisch	125	130	178
A. Zech	134	187	152	Wolf	204	141	211
Totals	641	764	756	Totals	705	659	722

A Great Success—the New

Dellwood Fern Dishes and Window Boxes



They are light, neat, attractive and are made from an unbreakable composition. They have a pan to contain the soil, with an extra drip pan below. Strong and durable. Made in antique assorted finishes, in the following sizes: 5x7 in., 8x8 in., 4x13 in., 4x18 in. and 5x20 in., and are from 4 to 5 in. high.



Complete description and list of prices, YOURS FOR THE ASKING.

Manufactured by

GOLD FURNITURE CO., 2300-2318 S. Western Ave. Chicago

N. Y. Office, E. J. SCHWABE, 814 Broadway

Distributor for principal cities in U. S.

Mention The Review when you write.

Violets.	1st	2d	3d	Orchids.	1st	2d	3d
Bergman	141	159	142	Huebner	132	185	149
Johnson	139	142	157	Vogel	141	108	120
Kruchten	175	102	140	Asmus	138	157	145
Lieberman	96	123	148	Graff	159	149	144
Yarnall	126	142	129	J. Zech	160	224	172
Totals	677	668	716	Totals	730	833	730

BOSTON.

The Market.

As is customary after Christmas, business has been rather quiet during the last week. The severe weather, deep snow, accompanied by zero temperatures, in some cases 10 to 15 degrees below not far from Boston, lasted a full week, and this in itself was the reverse of stimulating for trade. Roses are seen in good numbers and have taken a considerable drop in prices, as have carnations; $4 is as much as the best flowers will now bring. Violets, owing to the cold weather, are less plentiful. Growers of doubles say that plants which gave heavy pickings in the fall are now producing little. Bulbous stock, such as Paper Whites and Roman hyacinths, is abundant, while a good supply of Trumpet Majors also is coming in. Tulips are not yet abundant.

Sweet peas are improving in quality. Many coming in have fine stems. Mont Blanc and Earliest of All are the sorts seen. Lilies and callas sell about the same as does lily of the valley. Cypripediums are plentiful, while cattleyas are now in heaviest supply but selling well. Among other flowers, small lots of English primroses, forget-me-nots and wallflowers are coming in. Mignonette, antirrhinum and marguerites are other flowers coming in of fine quality. Yellow marguerites sell much better than the white. Some poinsettias are still seen, but no one wants them after Christmas. There is a good, steady call for green stock.

Horticultural Society.

At a meeting of the board of trustees of the Massachusetts Horticultural Society, January 1, the offer was accepted of the sum of $2,500 by G. R. White, the income of which it is stipulated shall be used for the purchase of a suitable gold medal to the man or woman, commercial firm or institution which has done the most for the advancement of horticulture in its broadest sense during the year. The trustees being given the privilege of making the first award immediately, it was unanimously bestowed upon Prof. Charles S. Sargent, of the Arnold Arboretum, whose work during the last year has included the securing of hundreds of varieties of new Chinese plants, collected under his direction by E. H. Wilson. The new award will be called the George R. White medal of honor, and is open to any individual or firm in the United States.

A gold medal of the society was awarded to E. H. Wilson for his magnificent collection of photographs, now on exhibition in Horticultural hall. A similar award was given Mr. Wilson by the Royal Horticultural Society of England a few months ago.

It was voted to have a catalogue of books and periodicals in the library prepared. The work, it is estimated, will occupy two years, the library being the finest of its kind in the world.

At the annual meeting of the society Gen. S. M. Weld in his inaugural address stated that for the first time for some years the society's receipts were in excess of its expenditures, although prizes for two years had been paid in 1909. The larger receipts were mainly due to the increased receipts at the spring show,

Western Florist
Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.
DENVER, COLO.

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00
30 to 36-inch stems	4.00
24-inch stems	3.00
20 inch stems	2.50
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride, fancy	$8.00 to $10.00
" good	4.00 to 6.00
Bridesmaid, fancy	8.00 to 10.00
" good	4.00 to 6.00
Killarney, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
White Killarney, fancy	8.00 to 10.00
" " good	4.00 to 6.00
Mrs. Jardine, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	4.00 to 6.00
Perle	8.00
Roses, our selection	4.00
CARNATIONS, fancy	4.00
" good	2.00 to 3.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies...per doz.,	$2.00
Sprengeri, bunch,	$0.50 to 0.75
Ferns.... per 1000,	2.00
Galax.... "	1.00 to 1.50

All other stock at lowest market rates.

No charge for packing.

Prices subject to change without notice.

Mention The Review when you write.

Colorado grown Cut Flowers

SHIPPED TO ANY CITY IN THE WEST

You Can't Beat Them

THE PIKES PEAK FLORAL CO.

COLORADO SPRINGS, COLO.

125,000 Square Feet of Glass

Mention The Review when you write.

HOERBER BROTHERS

Wholesale growers of

Cut Flowers

Greenhouses, Des Plaines, Ill.

Store, 51 Wabash Ave., CHICAGO

L. D. Phone, Randolph 2758

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $2.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.50; 5000, $6.25.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist

311 MAIN STREET, Phone M-980 CINCINNATI, OHIO

Mention The Review when you write.

which were the largest in the society's history, the great attraction being the Japanese garden by R. & J. Farquhar & Co.

The reports of the various committees were read, those of T. D. Hatfield on plants and flowers and Wilfrid Wheeler on fruits being especially good.

The following among other committees were appointed by the trustees for 1910:

Finance—Walter Hunnewell, A. F. Estabrook, S. M. Weld.

Library—C. S. Sargent, George B. Dorr, E. B. Dane, C. S. Minot.

Lectures—W. J. Stewart, E. B. Wilder, H. F. Hall, W. P. Rich.

Prizes and exhibitions—J. K. M. L. Farquhar, Robert Cameron, W. N. Craig, M. A. Patten, C. S. Sargent, J. A. Pettigrew, William Sim.

Plants and flowers—T. D. Hatfield, Duncan Finlayson, Peter Fisher, S. J. Goddard, Thomas Roland, William Thatcher.

Fruits—E. B. Wilder, J. Willard Hill, James Wheeler.

Vegetables—J. B. Shurtleff, Jr., George D. Moore, J. W. Duncan.

Gardens—C. W. Parker, W. J. Stewart, A. H. Fewkes, T. D. Hatfield, Julius Heurlin, W. P. Rich, A. F. Barney, William Nicholson, F. E. Palmer, J. B. Shurtleff, Jr., James H. Bowditch, Wilfrid Wheeler.

Children's gardens—Mrs. R. G. Shaw, Mrs. Katherine Peabody, Mrs. E. M. Gill, Mrs. D. L. Pickman, Mrs. John E. Thayer, Miss Margaret Rand.

The lecture course commences January 8, when E. H. Wilson, of the Arnold Arboretum, will deliver a stereopticon lecture on "Plant Hunting in the Heart of China." These lectures will be given weekly until March 19, except on February 26, when the winter flower show will be held.

Various Notes.

Three greenhouses were burned at W. E. Doyle's Cambridge establishment during the recent cold snap, the cause being an overheated boiler.

George Cartwright spent a few days in Philadelphia last week.

E. H. Wilson will be the lecturer at the meeting of the Gardeners' and Florists' Club January 18, on plant collecting in central China. The attendance will undoubtedly be the largest in the club's history. Tickets for the banquet are now ready. This will occur January 27. Tickets are to be had only from Peter M. Miller, 32 South Market street, Boston, and W. N. Craig, North Easton.

A. A. Pembroke, of North Beverly, is sending in some extra fine sweet peas to the Park Street Market.

Israel Rosnosky, representing the H. F. Michell Co., Philadelphia, and W. E. Cahill, with the Stumpp & Walter Co., New York, were visitors last week.

J. F. Flood & Co., of Dedham, are handling some extra fine carnations at present, and report their Christmas trade as the best on record.

J. K. M. L. Farquhar will lecture before the Bar Harbor (Me.) Horticultural Society January 6. W. N. CRAIG.

PROVIDENCE, R. I.

Current Comment.

Notwithstanding the usual apathy that follows the Christmas holidays in this city, combined with one of the worst snow storms since 1898, the florists had a fairly good week. The growers were harder hit because of the extra precau-

Beauties

Beauties of fine quality are in good supply with us, and we shall have a large cut for the next several weeks. The stock is sure to give satisfaction.

Carnations, Roses, Violets

SEND ALONG THE ORDERS

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

PRICE LIST

AMERICAN BEAUTY	**Per doz.**
36 to 40-inch stem	$4.00 to $5.00
24 to 30-inch stem	2.50 to 3.00
18 to 20-inch stem	1.50 to 2.00
12 to 15-inch stem	1.00 to 1.25
Short stem	.75
	Per 100
Bride	$5.00 to $10.00
Bridesmaid	5.00 to 10.00
Killarney	5.00 to 10 00
White Killarney	5 00 to 10.00
My Maryland	5.00 to 10 00
Mrs. Field	5.00 to 10.00
Richmond	5.00 to 10 00
ROSES, our selection	4.00
Carnations, good	2.00
" fancy	3.00 to 4.00
Violets	.75 to 1.00
Valley	3.00 to 5.00
Harrisii Lilies....per doz., $2.00	
Callas..... " 2.00	
Tulips	3.00 to 4.00
Asparagus.....per string. .50	
" Sprengeri, per bunch,	.35 to .50
" Plumosus "	.50 to .75
Galax..... per 1000, $1.25;	.15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax .....per doz., $2 00	
Fancy Ferns..... per 1000 2.00	.25
Boxwood.....50 lb case, 7 50	
Wild Smilax.....50 lb., 5.00	

Prices subject to market changes.

Mention The Review when you write.

tions necessary because of the zero weather. At the greenhouses of the Norwood Floral Co., Norwood, Nathan D. Pierce, manager, the gale ripped one of the large ventilators from its fastenings and hurled it against the glass roof.

Lawrence Hay brought in the first sweet peas of the season New Year's day. He has a large house just coming on. It is unusually fine.

In the recent assessment in the town of Cranston the following are of interest to florists: William Hay et ux, $14,580; Eunice Budlong, $10,025; Frank L. Budlong, $24,265; F. L. and J. A. Budlong 2nd, $71,895; J. A. Budlong & Sons Co., $143,140; James A. Budlong 2nd, $14,640; Melissa P. Budlong, $14,125.

Johnston Bros. furnished a Christmas wreath of laurel six feet in diameter for the Providence Journal Co.

A final dividend of fifteen per cent, making a total of eighteen, has been declared by the referee in bankruptcy in the case of M. J. Butler & Son, Newport.

George F. Fenner, Cranston, had the misfortune to have his fires burn out on the night of December 29, when the temperature unexpectedly went below zero. He lost a fine house of violets.

The sale of the Homogansett Greenhouse estate of about nine acres on Hamilton avenue, North Kingstown, under foreclosure of mortgage, was announced for January 5.

Louis Patry, with John F. Wood, fell down a flight of cellar stairs at the store December 29 and sprained his ankle.

Joseph F. Schellinger, who with his son conducts a range of greenhouses at Riverside, has been appointed by the city council of Providence as one of the weighers of cotton.

Carl Jurgens, Jr., began harvesting ice on the pond near his greenhouses at Newport last week for use in his cold storage plant, which has become such a factor in his method of treating lily of the valley pips.

Harry A. Bartlett, a fruit and violet grower of Scituate, and his wife were victims of a lone highwayman in the town of Johnston December 27. The robber pointed a revolver at the head of Mr. Bartlett and kept it there while he removed a diamond ring valued at $150 from the finger of Mrs. Bartlett. Then he relieved Mr. Bartlett of nearly $50 and made his escape.

John F. Wood has filed a claim with the local express company for the loss of a crate of fifty Lorraine begonias ordered for the Christmas trade from Stamford, Conn., but which were frozen.

Charles Hunt and two assistants worked all night December 25 on fifteen large pieces for funeral orders.

Lawrence Hay reports excellent sales on potted plants in hampers for the holidays.

William B. Hazard has given up his retail store at 112 Westminster street. He will handle his retail trade from his greenhouses for the present. The expiration of his lease, and the desire of a cigar store for the location, gave the landlord the opportunity of giving the rental a boost of $600 per year.

John F. Wood has been on the sick list, suffering from an attack of the grip.

W. H. M.

Albany, N. Y.—Amos F. Balfoort is sending out an attractive calendar, bearing an artistic colored picture entitled "Magnolia Blossoms."

Invest Your Money, Don't Spend It



Buy your wagon as an investment from the viewpoint of service. Buy a wagon that is attractive, so that it will be an advertising investment. Thousands the world over have proven that the **Armleder Wagon** is the best kind of an investment that can be made, because it is attractive, and it will wear better than any other wagon made. To be safe, always buy an **Armleder.**



Our Catalogue I is free, but you must ask for it. Easy Terms.

Just Address **ARMLEDER, Cincinnati, Ohio**

Mention The Review when you write.

Winterson's Seed Store

45-47-49 Wabash Ave., Long Distance Phone Central 6004 CHICAGO

Plantsmen, Nurserymen, Seedsmen and Florists' Supplies

We can supply everything the Florist Uses **Catalogue Free**

Mention The Review when you write.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

We have a splendid crop of

BEAUTIES, ROSES
Fancy Carnations

and will gladly have your esteemed orders. Prompt attention to all orders.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$5.00
30 to 36-inch	3.00
24-inch	2 50
18 to 20-inch	2.00
12 to 15 inch	1.50
Short stem	1.00

ROSES	Per 100
Cardinal, extra long	$20.00
" long	18 00
" medium	12.00
" short	$ 6.00 to 8.00
Maid, Bride, Perle, select	10.00 to 12.00
" " " long	8.00
" " " medium	6.00
" " " short	4.00
My Maryland, select	15 00
" long	10.00 to 12.00
" medium	6.00 to 8.00
" short	4.00
White Killarney, Richmond, Killarney, select	15.00
" " " " long	10.00 to 12.00
" " " " medium	6.00 to 8.00
" " " " good short	4.00 to 5.00
Good short stem Roses	3.00

Our Extra Special grade of Roses charged accordingly.

CARNATONS	Per 100
Extra fancy	$4.00 to $ 5.00
First quality	3.00
Splits	1.50 to 2.00
HARRISII	20.00
TULIPS, Proserpine	4.00
NARCISSUS PAPER WHITE	3.00
ROMANS	3.00
VALLEY	3.00 to 5.00
VIOLETS	1.00 to 1.50
MIGNONETTE, large spikes	6.00
STEVIA	2.00
ADIANTUM	1.00
ADIANTUM CROWEANUM, fancy	1.50
SMILAX	per doz., $2.00
SPRENGERI, PLUMOSUS SPRAYS	3.00
PLUMOSUS STRINGS	each, 60c
FERNS	per 1000, $2.00
GALAX	" 1.00
LEUCOTHOE	" 7.50 1.00
Wild Smilax	per case 5.00

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

LILIES FOR EASTER.

Is it possible to get giganteum lilies in for Easter that are now only coming through the soil in the pots? They are not unusually well rooted, but are fairly well rooted. If it is possible to have them in for Easter, what treatment should they have from now right along until Easter? How about giganteums that are standing some three or four inches high? Will they be in time for Easter? Also the same question in regard to Japanese multiflorum lilies, which seem to have been from the District of Gumma, and were quoted on and sold by the bulb merchant as Gumma multiflorum lilies. These lilies were potted up in 5-inch pots December 17. Can they be flowered for Easter? If so, what temperature, treatment, etc., will they require? The other lilies that I have mentioned are in 6-inch pots.

C. A. D. C.

Giganteum lilies which are now just showing through the pots will be too late for Easter, which comes on an extra early date this year. Those three to four inches high you may possibly get in season, but even they are a little late. Give them a temperature of 65 degrees at night, and as soon as flower buds show, raise this 5 degrees. You cannot expect to flower them without hard forcing. Use the syringe on them freely, and a watering with a weak solution of nitrate of soda will help them along.

The multiflorum potted so recently as December 17 you cannot possibly flower by Easter. It will be better to keep these and the giganteums just pushing through the pots in a cool house and retard them for Memorial day trade. Any flowering earlier you can probably make use of in your retail trade. You should be able to see and count buds on all

Niessen's News Column

We have received many complimentary letters from our customers about our holiday shipments. If we can please our customers at holiday times, we can surely do so the rest of the season.

Stock in every line is in fine condition and the market offers unusual values for the month of January. Quality never better, and prices comparatively low.

We wish to make special mention of our excellent stock of

White and Pink Killarney

We have thousands of them of a quality hard to beat. The best of them are 36 inches long.

Beauties

A large supply of all sizes. Our growers are in with a very heavy crop and will have plenty of them during the month of January. We can take care of your orders. Prices and quality will be satisfactory.

Carnations

Our supply consists principally of the better varieties, such as Winsor, Enchantress, Lawson, White Perfection, Beacon, Bassett, Victory, etc. We exercise the utmost care in selecting carnations for shipping orders, and we guarantee them to be perfectly fresh.

CATTLEYAS
Very choice flowers, $9.00 per doz.

GARDENIAS
$4.00 to $5.00 per doz.

SWEET PEAS
White, Pink and Lavender, $1.00 to $1.50 per 100.

DAISIES
White and Yellow, $2.00 and $3.00 per 100.

DAFFODILS
Single, $6.00 per 100.

Rooted Carnation Cuttings

Our list is ready and will be mailed to you on request. We can furnish most all the desirable varieties on the market today. We guarantee them to give satisfaction.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

The Season of Steady Demand

Mid-winter is the time when flowers are most in demand for home adornment. We suggest that you place your order with us for regular shipments of selected stock. We can give you attractive prices for attractive stock that will please your customers and especially our high grade

Carnations in all colors
Violets, Easter Lilies
Roses and Valley

Our flowers were never finer.

WILD SMILAX for the Decorator.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

Easter lilies by the middle of February in order to have them in season for Easter. C. W.

PHILADELPHIA.

The Rising Eastern Market.

The conditions that influence the cut flower market are unusual for the season. The supply of flowers cropped for the holidays is still so large that prices are low, although there is plenty of business. The second half of last week was better than the first half. New Year's day was the least busy of the three. The present week has opened with the buying at times heavy, but the supply continues in excess of demand, and prices rule low.

Carnations have fallen more than anything else. Good red and pink are selling at half or less than a week ago, while white are not selling at all well. Violets have been quite scarce for several days; prices are firm. Cattleyas are in good supply. Some heavy buying has helped maintain values. Gardenias are not so fortunate. The price is unsteady in face of heavy receipts. Good valley is not abundant. There are lots of fine Easter lilies, but not so many callas. Freesia of splendid quality is in. White Trumpet Majors and Campernelles are familiar sights once more.

Greens when good are sellers, only the quality must be there. Wild smilax was quite scarce. The express companies appeared to consider it of least importance when resuming traffic.

Rose conditions favor the buyer. Excellent January values are being given as inducement to move the immense stock. I am told Mrs. Jardine is the strongest variety on the list, but there are so few Jardines that a fair comparison cannot be made with Killarney, My Maryland, or even Maid. White is a trifle weaker and red a trifle stronger than the pinks. Beauties are at half Christmas prices, with the medium grades least plentiful. The small flowers are in fair demand. Shipping is excellent.

The Holiday Business.

The curtailing of transient business, due to the snowstorm, was seriously felt in the local shops, balls, parties and dinners furnishing much of the work. H. H. Battles received for a sadder occasion some of the handsomest orders of the kind ever given in this city. These orders, the farewell tributes to a member of the family of a partner in Philadelphia's leading banking house, required 1,500 cattleyas alone, besides many other choice flowers.

J. J. Habermehl's Sons had decorations for balls and parties every night last week. Two of them, the Widener ball, December 30, and the Frazier ball on New Year's eve, were as elaborate as anything ever given in this city. A large number of Beauties were used in one, while a feature of the one known as the canary ball was the release of many golden songsters and confetti from large balls of pink roses just as the new year succeeded the old year.

In the Christmas Rush.

Three men were lunching at a counter in the center of the city, lunching quickly on beef broth and bread. The first man, a leader in the finance of flowers, spoke.

"I want to cut all this," he said, "and get out in the country and have a cow and fresh milk and chickens that lay eggs. I am sick of all this worry and fuss."

"I mean to spend Christmas in California four years from now," the second man said. He is a leading wholesaler, known all over the world of flowers. "This hard work don't suit me."

"Five years from now," the third man remarked, "I shall probably be right here, unless my editor finds a better man or the great Reaper interferes."

Various Notes.

Edward Reid says that his carnation growers held back nothing and profited by so doing.

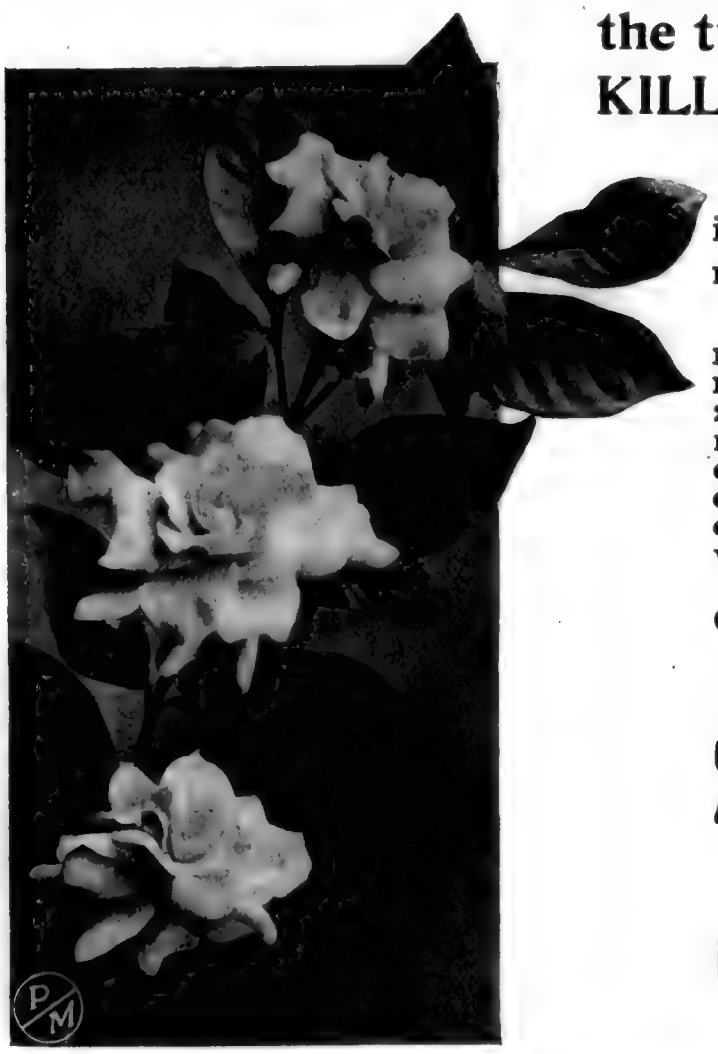
Stokes' Seed Store has issued a beautiful catalogue garbed in Quaker gray.



Four Weeks and the Social Season of 1910 Will End

For the opera, balls, parties, etc., quantities of the choicest of flowers will be wanted. It is with satisfaction we find our growers are in splendid shape to care for this extra demand.

Beauties, Maryland, Richmond and the two KILLARNEYS



in all lengths by the dozen, hundreds or thousands, quality never better; will be particularly strong on Beauties.

	Special	Fancy	Extra	1st	2d	3d
Beauties.....per doz.	$ 6.00	$ 5.00	$ 4.00	$ 3.00	$2.50	$1.50
Maryland.....per 100	20.00	15.00	12.00	10.00	6.00	
2 Killarneys.... "	20.00	15.00	12.00	10.00	6.00	
Richmond..... "	20.00	15.00	12.00	10.00	6.00	
Gardenias.....per doz.	5.00	4.00		3.00		
Cattleyas..... "		10.00				
Cattleyas.....per 100		75.00				
Valley..... "	5.00		4.00	3.00		

Open 7 a. m., close 6 p. m. **Not open for business on Sundays**

Not responsible for flowers after delivery to express company

S. S. Pennock-Meehan Co.

The Wholesale Florists of

1608-20 Ludlow St., PHILADELPHIA

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write.

The vegetable seed demand is strong from the south.

Additional snowstorm casualties are: Two houses down at West Grove and three belonging to W. L. Edwards at Norwood.

H. Bayersdorfer & Co. are erecting more shelves to hold samples of the new stock arriving on incoming steamers.

John W. McIntyre predicts white lilac by January 10.

M. Rice & Co. report all their men on the road.

Edward A. Stroud spoke well on the building up of a retail business in a growing community before the Florists' Club, January 4. He exhibited stocks and wallflowers.

The Henry F. Michell Co. has just completed its handsome catalogue for 1910. It is sixteen pages larger than last year's, is admirably arranged, includes four fine color plates and increased space for fertilizers, insecticides and supplies. PHIL.

NEW YORK.

The Market.

New Year's evolved the anticipated volume of business and held its reputation as a good Saturday. Up to Friday morning there was no sign of the holiday celebration, but with mild, sunny weather and safe deliveries the plantsmen were busy and sold out anything good that had been left over from Christmas. Many handsome combination plant baskets of begonias, oranges, crotons and the flowering plants of every kind were utilized as New Year greetings. Cut flowers were abundant and dropped to half the Christmas rates, with a consequent encouraging demand.

The present week opens with fog and rain and a temperature of over 40 degrees. Monday's business was light and values tumbled. Beauties in quantity sold at $25 per hundred, and the best selected stock was not higher than 40 cents. Bride and Maid went down to 8 cents for the finest, and other roses retrograded in proportion. Carnations are coming now in shoals, and prices are lower, the best outside the real novelties seldom going over $4 per hundred. Violets have dropped, as was inevitable after the prolonged holiday season, and 75 cents is now the top. Cattleyas can be

The Florists' Supply House of America

Can You Sell Japanese Air Plants?

Of course you can—everybody wants them.
They sell quickly at a good profit, order now.

Fancy Baskets. Very useful for disposing of short stemmed flowers; we have beautiful styles in all sizes.

Fern Fronds. Adiantum, Pteris, etc., electrically prepared; graceful and, best of all, durable; our ferns are perfect.

Cycas Leaves. Our stock of Cycas is the largest in the country, our quality is the standard of excellence.

Magnolia Leaves. Green and bronze; just received; very desirable.

Wheat Sheaves. Made in our own factory of the best Italian wheat.

Special Orders. When you want something original our factory is at your disposal; we do the best work and we do it promptly.

Everything in Florists' Supplies. Send for our Illustrated Catalogue.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

bought for from 50 cents down, and many a hundred cypripediums sell at $10. The market is filling daily with tulips, mignonette, pansies, narcissi and hyacinths. Valley is down and lilies to the low rates prevailing in November. There is an overstock of asparagus.

Various Notes.

Monday, January 10, the meeting of the Florists' Club will be held in the Grand Opera House building, at West Twenty-third street.

Much regret is expressed because of the severe accident last week to Charles Loechner, of the Yokohama Nursery Co. He is in the Norwegian hospital with a broken leg, and his recovery promises to be tedious, as considerable time elapsed after the fracture before he was relieved.

A big fire in the American Express building on Madison avenue came close to the handsome store of the A. T. Bunyard Co., which fortunately escaped the flames. The big store of C. A. Dards, on the same avenue, was also threatened.

The Cut Flower Exchange directors will hold their regular meeting January 8. The concern has had a prosperous year.

All the Brooklyn wholesale houses have cheerful reports to make of the Christmas and New Year's business. The City of Churches absorbed everything that came in and at satisfactory prices. Quite a little of the Philadelphia shipments come to Brooklyn daily.

In the downtown seed houses great preparations are under way for the anticipated boom in the early spring. March 27 Easter will be out of the way, and the record year of the seedsmen and nurserymen in full swing.

The ribbon specialists had a remarkable trade last year. Never were ribbons used so generally and profusely. The newer chiffons and novelties, especially, seemed to be popular. Hardly a plant or basket was sent out at Christmas that did not have artistic decoration of this kind.

In the retail stores the only complaint at the Christmas business was the difficulty experienced in having to double up the regular prices for roses and carnations. It is as hard as ever to make this necessity popular with the Christmas shopper. The tendency is to go back to cut flowers again, but the prices keep the plants in their handsome and reasonable combinations the popular gifts.

Robert G. Wilson says his stores and greenhouses in Brooklyn did by far their largest holiday trade. Mr. Wilson is a strong believer in the drawing power of a novel window display, and is always original.

The veteran, Alex. McConnell, enjoyed his greatest holiday trade. M. A. Bowe says the holiday trade beat all records. John F. Sharkey was delighted with his first Christmas in the retail line. Myer's Japanese branch was quite a drawing card on Madison avenue, and the main store did its usual increase. The volume of business done by Charles A. Dards in his stores on Madison avenue and uptown on Seventy-second street was in excess of any other year. The Flower Shop, on Forty-second street, an enterprise of recent date, also had a good holiday trade. The Smart Set Floral Co., at Broadway and Eighty-third street, found the first Christmas better than expected. Warendorff's three fine stores all told the same story of increased business. John King Duer had his best Christmas since the store was opened. Frank Good, the manager, produced many good window decorations, changing them daily. S. Masur, in lower Brooklyn, near the aristocratic heights where John Raynor lives, has had his busiest season to date. He occupied an extra store for the holidays, and hopes to be in his new store, double the size of his present one, in time for Easter.

Brown's new store in the Belnord is one of the sights of Upper Broadway, with its immense window—the observation buses stop to look at it.

Bowling.

December 30 the Flatbush Bowling Club held its annual prize contest, each member bringing a mysterious package and selection being made in the order of high scores. Edwards won first honors and found two roast chickens in his package. Riley, Al Schmutz and Henry Dailledouze each selected a box of cigars. Alfred Zeller drew silk suspenders, Louis Schmutz a cigar stand, Paul Dailledouze a pipe hanger, Wocker a handsome clock, Louis Schmutz, Jr., a knife.

At Astoria last week two New Year's turkeys were bowled for. In the high score contest Siebrecht and Miesem tied at 189 and in the roll off Miesem won. In the 100 pins contest Donaldson, Shaw and McMullen tied, and Donaldson won out, as usual. The scores were:

Player.	1st	2d	3d
Siebrecht, Sr.	189	180	136
Donaldson, Sr.	183	175	150
Miesem	189	174	137
Einsman	187	155	119
Lorenz	123	122	119
Berry	149	144	136
Jacobson	166	154	151
Shaw	167	118	101
McMullen	151	150	142
Donaldson, Jr.	152	149	137
Doerhoefer	188	140	136
Bleckwen	148	128	117

J. Austin Shaw.

Chas. L. Greenhall, as trustee in bankruptcy of Joseph Fleischman, formerly

Chiffons, Taffeta and Satin Taffeta Ribbons

That contain the utmost value for your money. **Narrow, medium and wide widths.**

WRITE FOR SAMPLES

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH STREET

Mention The Review when you write.

Michell's Celebrated Flower Seeds FOR FLORISTS



New Crop, Reliable Quality

One of the most important branches of our business. It is our constant aim to supply only such strains as will give the best results.

Asparagus Plumosus Nanus

We are Headquarters
Greenhouse Grown
Extra Quality

100 seeds	$ 0.50
500 seeds	2.00
1,000 seeds	3.50
5,000 seeds	16 00
10,000 seeds	30.00

Asparagus Sprengeri

100 seeds	$0.15
500 seeds	.40
1000 seeds	.75
5000 seeds	3.00

Alyssum

	Trade pkt.	Oz.
Little Gem, very dwarf	$0.10	$0.15
Little Dorrit, compact	.15	.50
Sweet	.10	.15

Begonia

Vernon	.25	2.50
Semperflorens, mixed	.30	1.50

Centaurea

Candidissima. 1000 seeds, 25c		.75
Gymnocarpa. 1000 seeds, 15c		.40

Cobaea Scandens

Purple	.10	.35

Dracaena

Australis	.20	.60
Indivisa	.10	.30

Grevillea

Robusta (Silk Oak)	.15	.40

Verbena

Michell's Mammoth Fancy Strain

Cannot be excelled for large size, purity of color and free flowering qualities.

	Trade pkt.	Oz.
Blue	$0.30	$1 25
Pink	.30	1.25
Scarlet	.30	1.25
Striped	.30	1.25
White	.30	1.25
Mixed, all colors	.30	1.00

Salvia

Ball of Fire, dwarf scarlet	.50	3 75
Bonfire, compact, scarlet	.40	2.25
Splendens, bright scarlet	.25	1.25
Zurich, brilliant scarlet, blooms earlier than any other sort	.50	5.00

Pyrethrum

Aureum (Golden Feather)	.10	.25

Torenia

Fournieri Grandiflora, blue	.30	1.75

Thunbergia

Alba Oculata, white, dark eye	.15	.50
Alata, buff, dark eye	.15	.50
Aurantiaca, orange, dark eye	.15	.50
Mixed	.15	.40

Vinca

Alba, white, with rose center	.15	.50
Alba Pura, pure white	.15	.50
Rosea, pink	.15	.50
Mixed	.15	.40

Asters

Carlson's Improved

	Trade pkt.	Oz.
Lavender	$0.30	$1.25
Shell Pink	.30	1 25
Dark Pink	.30	1.25
White	.30	1.25

Early Wonder Aster

Pink	.40	2.00
White	.40	2.00

Improved Semple's Branching Aster

Crimson	.40	1.50
Lavender	.40	1.50
Rose Pink	.40	1.50
Shell Pink	.40	1.50
Purple	.40	1.50
White	.40	1.50
Mixed	.40	1.50

Queen of the Market Extra Early

Dark Blue	.20	.60
Light Blue	.20	.60
Crimson	.20	.60
Rose Pink	.20	.60
Blush Pink	.20	.60
White	.20	.60
Mixed	.20	.60

Ageratum

Blue Perfection	.15	.40
Imperial Dwarf Blue	.10	.25
Imperial Dwarf White	.10	.25

Antirrhinum

(Snapdragon)

Giant Pink	.20	.50
Giant Scarlet	.20	.50
Giant White	.20	.50
Giant Yellow	.20	.50

Impatiens

Holstii, vermilion red	.50	
Sultani, bright rose	.30	

Lantana

Hybrida, choice mixed	.10	.20

Lobelia

Barnard's Perpetual, deep blue	.25	1.00
Crystal Palace Compacta, dwarf, dark blue	.30	1.00
Crystal Palace Speciosa, deep blue, trailing	.20	.50

Maurandia

Barclayana, purple	.20	1.25
Mixed	.20	1.25

Mimulus

Moschatus (Musk Plant)	.25	1.25

Moon Flower

Ipomoea Noctiflora (¼-lb., $1.50)	.15	.50

Petunia

California Giants (1-16 oz., $2 00)	.50	
Grandiflora Fringed (1-16 oz., $2.00)	.50	

Double Fringed and Hybridized, 500 seeds, 75c; $1.50 per 1000 seeds.

Phlox Drummondi

Dwarf or Compact

	Trade pkt.	Oz.
Crimson with White Eye	$0 40	$1.75
Fireball, scarlet	.40	1.75
Pink	.40	1.75
Snowball, pure white	.40	1.75
Choice Mixed	.40	1.25

Send for our General Wholesale Price List.

HENRY F. MICHELL CO., Seed Growers and Merchants

Market Street, above 10th Street, Philadelphia

FANCY FERN Finest Stock FANCY FERN

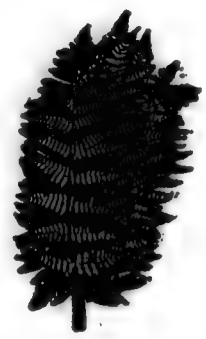


Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



Mention The Review when you write.

president of the Fleischman Baths and Fleischman Floral Co., brought an equity suit in the United States District Court, December 27, against the Carnegie Trust Company and other persons to compel them to account for and refund all money or property of Mr. Fleischman received by them. It was alleged that the Carnegie Trust Company received the equity in the Hotel Le Marquis property, valued at $150,000, rents aggregating $30,000 annually, and obtained payment in full of its debt of $64,250 to the detriment of other creditors. A petition in bankruptcy was filed against Mr. Fleischman November 30, 1908. In March, 1908, he conveyed the Hotel Le Marquis, valued at $525,000 and mortgaged for $404,000, to the National Center Realty Company, which he had caused to be incorporated with a capital stock of $60,000, but he managed and controlled the company and the hotel as his own personal property. When the petition in bankruptcy was filed against him he owed the Carnegie Trust Company $64,250, and when, March 22, 1909, the Center Realty Company transferred the hotel to John B. Moorehead, the Carnegie Trust Company's claim, which then amounted to $65,672, was included. Mr. Greenhall wants Chas. C. Dickinson, president of the Carnegie Trust Company, to account for $1,215 and John B. Stanchfield $17,802, or as much thereof as has been received by them.

POLYPODIUMS IN DWELLINGS.

Though the polypodiums are numerous and are found growing in almost all parts of the world, there are not many species that are suitable for house decorations. Some grow too large, others are by far too dwarf, while some are deciduous, their foliage being too soft to withstand the variable temperatures of the dwelling room. Still, there are more than enough species and varieties that may be selected from this extensive genus to suit the tastes of the most fastidious.

A considerable proportion of the species produce creeping rhizomes, which must be kept near the surface of the soil if the plants are to thrive satisfactorily; some, in fact, produce them on the surface, and these are well adapted for growing both in pots and baskets. The soil should be of a light, peaty nature, to enable the water to pass through it freely, and the drainage in all cases be ample, as but few of the species do well when overwatered. Most gardeners are well acquainted with the old Phlebodium aureum, which at one time played an important part in a collection of stove ferns at the great exhibitions. This is synonymous with Polypodium aureum, and was introduced as far back as 1742. Since that time many fine species have been introduced, and not a few forms have been raised in Europe. P. Mayi is one of these, says a writer in the Gardeners' Magazine. The fronds are similar in color to those of aureum, but they are of a fine, wavy character the whole of their length; the edges are quite crispate. This is undoubtedly one of the finest varieties yet introduced, and grows well in the greenhouse either in a pot or basket. P. Schneideri is another hybrid that should be found in every collection. The fronds are deeply cut and, having that beautiful glaucous tint found in P. aureum, they are most attractive. When well grown they attain a length of about two feet, and are borne on a wiry leaf-stalk of six inches in length. P.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States Hinsdale, Mass.

Mention The Review when you write.

THE KERVAN CO.

113 W. 28th St., NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmette and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

FERNS and GALAX New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Mention The Review when you write.

WILD SMILAX 50-lb. crates. One case to carload lots. Write

WM. MURPHY, 311 Main Street, CINCINNATI, O.

for special quotations.

Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.

EVERGREEN, ALA.

Mention The Review when you write.

Southern Wild Smilax Ferns, Pines, Palms, Holly

Louisville Floral Co., Louisville, Ala.

Mention The Review when you write.

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.



New Reduced Price List

	Per doz.	100
To fit 4-in. pots.	$1.00	$ 7.00
To fit 5-in. pots.	1.10	8.00
To fit 6-in. pots.	1.20	9.00
To fit 7-in. pots.	1.35	10.00
To fit 8-in. pots.	1.60	12.00
To fit 9-in. pots.	1.85	14.00
To fit 10-in. pots.	2.10	16.00
To fit 12-in. pots.	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
W. H. GREVER, Manager
146 Hughes Avenue, BUFFALO, N. Y.

Mention The Review when you write.

Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross
NOTHING LIKE IT FOR THE MONEY
Gustave Schroeder, Artificial Flower Manufacturer
1524 Prospect Ave., Cleveland, O.
Samples sent on receipt of 16c to cover postage.

Mention The Review when you write.

HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS
CUT FLOWERS OF ALL KINDS



Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.

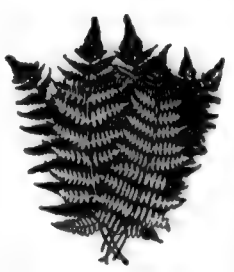


15 Province St., and 9 Chapman Place, **BOSTON, MASS**

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $1.00 per 1000, any quantity
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000; any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N. C.**

Mention The Review when you write.



Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass

Mention The Review when you write.

WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50	per 1000
Galax, green, violet size, 2 to 2½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.
Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. FRITCHARD, Elk Park, N. C.

Mention The Review when you write.

Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

Mention The Review when you write.

WILD SMILAX 50-lb. crates. One case to carload lots. Write
WM. MURPHY, 311 Main Street, CINCINNATI, O.
for special quotations.

Mention The Review when you write.

nigrescens in a small state is handsome.

P. Billardieri is a useful and ornamental greenhouse species from New Zealand. The fronds usually stand nearly upright, and in old plants they are deeply cut; in fact, the cutting reaches almost to the midrib. They are of a fine leathery texture, which enables them to withstand the sudden changes of temperature in the dwelling. P. glaucum and its varieties cristatum and magnificum are grand kinds for decorative purposes, their fronds being of a fine leathery texture. P. neriifolium and its varieties cristatum and furcatum are also ornamental in a young state, as their fronds are of that dark green, leathery texture so desirable for indoor decorations. P. irioides is a singular looking erect-growing species from New South Wales. The fronds are from a foot to eighteen inches in length and of a pale yellowish green color. P. irioides ramo-cristatum is a most useful variety, the fronds being beautifully crested. This is a variety raised in this country, and is a fine subject for decorative purposes, especially when well grown in 5-inch or 6-inch pots.

ROCKLAND, MASS.—Alvin G. Bates has gone out of the florists' business.

Vegetable Seeds

FOR FORCING

Stokes' Standards are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ½ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb. 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 35c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb., 35c; lb., $1.25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Jan. 4.—Cucumbers, 75c to $1.50 doz.; lettuce, 35c to 40c box; radishes, 15c to 60c doz. bunches.

BOSTON, Jan. 3.—Cucumbers, $4 to $8 box; lettuce, 50c to 75c box; parsley, $2 box; mint, 50c to 75c doz.; tomatoes, 15c to 25c lb.; radishes, $1.25 to $1.50 box.

NEW YORK, Jan. 3.—Mushrooms in light demand and outside figures extremely high. Cucumbers firm for fancy. Radishes in light supply, but top price extreme. Tomatoes moving slowly. Cucumbers, $1 to $1.50 doz.; lettuce, 50c to $1 strap; mint, 50c to 65c doz. bunches; mushrooms, 25c to 60c lb.; radishes, $2 to $3 hundred bunches; tomatoes, 10c to 20c lb.

A POOR CROP OF LETTUCE.

Enclosed you will find one whole plant of Hanson lettuce and a leaf of Grand Rapids lettuce. Last year I had the best of success in growing lettuce. This year, in the same house, the crop is almost a failure. In preparing the beds, I first put in the bottom a few loads of well-rotted manure and watered it heavily. Next I put on the soil that I had used last year. In addition to that, I put on several wagon loads of muck sediment from the banks of a creek and then mixed all well together. The temperature in my house has never, even on sunny days, been over 75 degrees, and never below 40 degrees at night.

This is my second year in lettuce growing, and I thought that my crop would far exceed that of last winter, but even my first cutting was so light that it brought me small returns—only three or four ounces to the plant, while last winter I cut thousands that would weigh eight to ten ounces. J. M. B.

The samples were frozen in the mails, and, when received, it was impossible to tell anything from them. As J. M. B. does not mention any trouble with diseases, I am led to believe that the failure in the crop is not due to disease, but that he simply has small, poor lettuce, caused by a decidedly unfavorable condition of the soil.

It is hard to locate the exact cause of the trouble, not knowing the many circumstances to be considered. Perhaps that well-rotted manure had little real value. It may have been of poor quality, all the strength having been washed out of it; or, even if good, there may have been too small a quantity used.

The old soil, which several crops of lettuce had previously exhausted, was not the right kind to use, and muck or peat, although good to mix in soil to help it retain moisture, is as liable to be injurious as beneficial, by keeping the soil too soggy and wet. Is your soil in that condition? Have the boards in the bench bottoms swollen so as to shut the cracks tightly and stop the drainage? If so, get under there with a brace and bit and put lots of holes in for drainage.

It is probably out of the question for

[Concluded on page 62.]

Seeds for the Market Gardener

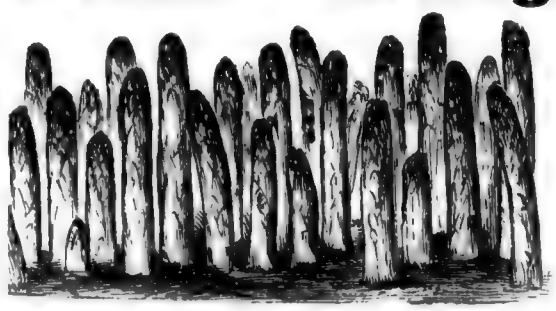
are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 112-page catalogue contains true description and no overdrawn illustrations. Our prices are right quality considered. Market Gardeners are requested to write for our Market Garden Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE BOX 246 Established 1886 **BEATRICE, NEB.**

Mention The Review when you write.

ASPARAGUS
—AND—
RHUBARB
—FOR—
Winter Forcing



Mammoth Clumps weighing from 4 to 6 pounds **will force in 4 weeks,** the most tender and **delicious Asparagus.** Can be forced under greenhouse benches or in cellars. Customers were delighted with their success last season and are doubling their orders. We offer choice clumps for immediate delivery at **$1.00 per dozen; $6.00 per 100; $50.00 per 1000; 250 clumps at the 1000 rate.**

RHUBARB

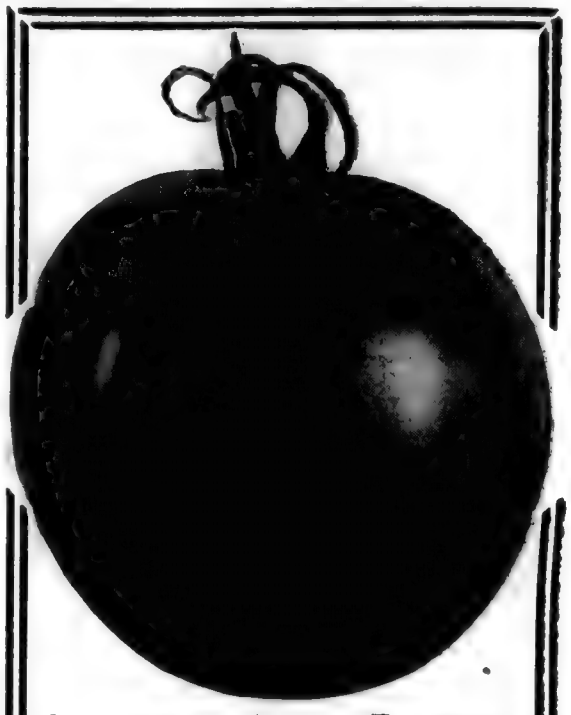
Large Clumps, $1.75 per dozen; $10.00 per 100. Special quotation will be given on quantity.

Write for our **Wholesale List For Florists and Market Gardeners** Just issued.

JOHNSON SEED COMPANY

217 Market St., PHILADELPHIA, PA.

Mention The Review when you write.



Livingston's Famous Tomatoes

surpass in all important points. Their superior characteristics are known wherever tomatoes are grown, and their ever increasing popularity obliges us to grow tons of tomato seed every year.

New Globe-shaped Sorts

are the best money can buy. Genuine stock sold only under "True Blue" seal.

Livingston's Globe—First early purple, of finest quality. **Pkt., 10c; oz., 30c; ¼ lb., $1.00, postpaid.**

Livingston's Hummer—Early, ball-shaped, bright red. Borne in fine clusters. **Pkt., 10c; oz., 30c; ¼ lb., 80c.**

Livingston's Coreless—Large, ball-shaped main crop. **Pkt., 15c; oz., 35c; ¼ lb., $1.10, pos paid.**

Try one packet of all three sorts for 20c

Comet Tomato is a superior forcing sort producing ball shaped fruits in clusters. Grown on our own farms! **Pkt., 10c; oz., 30c; ¼ lb., 80c. Postpaid.**

Write to DESK R for booklet "Tomato Facts" and New Catalogues today!

The Livingston Seed Co., Columbus, O.

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co, White Marsh, Md.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By young lady, eleven years' experience in all kinds of work in retail store; able to help with bookkeeping. Address No. **119,** care Florists' Review, Chicago.

SITUATION WANTED—As storeman by a young man, well up in decorating and designing; at liberty now; salary $18; references. Address with full particulars, No. **116,** care Florists' Review, Chicago.

SITUATION WANTED—As assistant gardener on a private place; has 5 years' experience and good references as to being honest and sober; start any time after January 1. Address No. **102,** care Florists' Review, Chicago.

SITUATION WANTED—By competent storeman, decorator and designer, by Jan. 10th or later; have had wide experiences and consider myself a first-class, all-round man; married. Address No **121,** care Florists' Review, Chicago.

SITUATION WANTED By florist, English, middle aged; good grower; references; wages $75.00 per month Address No. **113,** care Florists' Review, Chicago.

SITUATION WANTED- Young lady having two years' experience wishes position in flower store; reference. Address No **115,** care Florists' Review, Chicago.

SITUATION WANTED—By thoroughly experienced florist; German, age 28, single, to take charge of commercial or private place. B. Wuensche, General Delivery, Portland, Ore.

SITUATION WANTED—As grower or assistant grower of roses and carnations by a first-class grower, possessing good habits and character; best references; please state wages. Address No. **110,** care Florists' Review, Chicago.

SITUATION WANTED—By young man, age 25, five years of experience in general greenhouse work on private and commercial places; good references; state wages in first letter. Address No. **118,** care Florists' Review, Chicago.

SITUATION WANTED—By middle-aged man as a good grower of carnations, mums and bedding plants, to learn designing and decorating; had some experience in design work; strictly sober; no bad habits; best of reference. Address J. D. Cayhill, Petersburg, Ind.

SITUATION WANTED—By a sober, industrious, middle-aged man, 15 years' experience in floral and horticultural branches; capable to take charge of small place, private or commercial, within 200 miles of Chicago. Address No. 112, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a practical grower of roses; carnations, mums, palms, ferns, forcing of bulbs, etc., capable of taking entire charge of a large plant a life experience; references; please state wages, etc. Address Florist, 1225 Race St., Philadelphia, Pa.

HELP WANTED—Good carnation and mum grower, single, sober. Apply N. C. Moore & Co., 60 Wabash Ave., Chicago.

HELP WANTED—At once; a competent rose or carnation grower; must be up-to-date and have good reference; good wages. Address L. Stapp, Rock Island, Ill.

HELP WANTED—A good man for ferns, azaleas, mums and general greenhouse work; wages $15.00 a week. Address No. 103, care Florists' Review, Chicago.

HELP WANTED—Sober, reliable man to take charge of new range, carnations and roses; state experience and salary expected. Thos. Franks & Son, Champaign Ill.

HELP WANTED—An experienced man to take charge of a small commercial place where miscellaneous stock is grown for retail trade. Geo. C. Wagoner, 3116 Indiana Ave., Chicago, Ill.

HELP WANTED—At once; a good all-round grower who understands growing carnations, mums, pot plants; a good propagator; must understand planting flower beds; steady, sober, married man preferred; 35,000 ft. of glass. P. N. Obertin, 567 Chicago St., Kenosha, Wis.

HELP WANTED—Experienced manager greenhouses, vegetables, flowers, with three to five thousand to invest in greenhouses; sixty by one hundred fifty in operation; 4 acres; growing western city, two hundred fifty thousand. Address No. 109, care Florists' Review, Chicago.

HELP WANTED—At once; on up-to-date place of 30 000 sq. ft., a first-class rose, carnation, mum and bedding stock grower; married German preferred; $15 00 in beginning, with good chances for advancement; references required with inquiry. August von Boeselager, Mt. Clemens, Mich.

HELP WANTED—Thoroughly experienced man to grow carnations, roses and mums; strictly sober, honest and reliable; no others need apply; must be good willing worker and well recommended; will pay $15.00 per week; state age and nationality. Chas. A. Moss, Spartanburg, S. C.

HELP WANTED—At once; a good all-round greenhouse man to grow stock for retail catalogue place; a good propagator, not afraid of work, sober and reliable; able to take charge when needed; state wages, nationality, married or single and reference in first letter. J. E. Jackson, Gainesville, Ga.

HELP WANTED—An experienced gardener to take charge of private suburban place; particularly want a person thoroughly acquainted with flowers, taking care of grass, transplanting and care of evergreens; must be sober and have good references. T. S. Clark, Charleston, Kanawha County, West Virginia.

HELP WANTED—At once; a good all-round greenhouse man to grow carnations, mums, pot plants, ferns and palms; a good designer; not afraid to work, sober and reliable; to take charge when needed; must have good manners and be clean about his work; $35.00, board and room per month to start. Apply to Nussbaumer Floral Co., San Angelo, Texas.

A YEAR'S ADVERTISING FOR $2.00—Send for the 1910 Floral Ad. Series; fifty-two strong, business-pulling ads. for two dollars; hundreds of florists used them with great success last year; if you want more business send for the series today; money back if dissatisfied. Floral Advertising Club, Newburgh, N. Y.

WANTED—To buy about 5000 square feet of second-hand glass, sizes 12x14 or 10x12; who has it? Address No. 122, care Florists' Review, Chicago.

WANTED—A second hand cast iron hot water boiler, to heat 400 ft. of 2-in. pipe; must be good and cheap for cash. Address No. 130, care Florists' Review, Chicago.

WANTED TO RENT—Small greenhouse property, with mushroom house preferred. Address, giving particulars, Wm. Kirkham, Mt. Vernon, Ind.

PARTNERS WANTED—The advertiser has a business established on a firm basis; too much for one man to look after and push properly; with three good practical men to join me, we should soon be doing big things; so I have decided to form a company of practical men, to incorporate; one should be an all-round indoor man, a good general grower; another should be an all-round outdoor man, nurseryman, gardener and florist; the third should be an up-to-date store man; each of these should have a few hundred dollars to invest in the corporation, to give them a real practical interest in the business and make them push it; location is in a first-class city of 70,000 in western Pennsylvania, establishment located just outside the city limits on car line near large cemetery; no other nursery here; purpose opening store in the city in the spring; splendid opportunity for the right men. Address No. 86, care Florists' Review, Chicago.

FOR SALE OR RENT—Five acres land, large greenhouse, dwelling, poultry house for 1,000 chickens, barn and outhouses, offered whole or divided; steam heat for more houses. Address No. 99, care Florists' Review, Chicago.

FOR SALE—3400 ft. glass, well stocked with carnations, lilies and potted plants; city 25,000, in Iowa; 8-room dwelling, 6 lots. Address No. 114, care Florists' Review, Chicago.

FOR SALE—One Marsh steam pump water motor, runs with water pressure of 50 pounds, cost us $175, will sell for $50; 2, 2½-inch Jennings valves, at $2.50 each; all in good shape; packed; F. O. B. Kendallville; would exchange for anything we can use. The Johnson Floral Co., Kendallville Ind.

FOR SALE—4500 ft. glass, over one acre of land, 8-room house, modern improvements, centrally located between Providence R. I., and Boston; good opportunity in town of 10,000; stocked with carnations; present owner going to Europe; will be sold cheap. F. W. Woodbury, 228 Doyle Ave., Providence, R. I.

FOR SALE—Greenhouses and store; the only florist business in city of 25,000; modern and newly built greenhouse, 22,000 ft. glass; 5-room house and everything that is needed in the business; I am leaving for Europe; do not answer unless you have the money. Address Muskogee Carnation Co., C. E. Taube, Manager, Muskogee, Okla.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors 11-ft. high, 14-ft. long, 6 ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass, price f.o.b. Pittsburg, $140.00. A. W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—$3000 cash will buy a first-class store and good will of the finest reputation and excellent references from wholesalers and growers; established 11 years and doing business of $14,000 to $ 6,000 a year; retiring on account of ill heath. Do not call unless you mean business. George Vlachos, cor. 86th St. and Columbus Ave., New York City.

FOR SALE—First-class retail florist's business, doing the best trade in fast growing city of hundred and fifty thousand population; without doubt one of the best opportunities on the continent today; proprietor's health compels him to retire; would retain interest if desired, assisting with introductions, advice, etc. Address No. 111, care Florists' Review, Chicago.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways; orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. 84, care Florists' Review, Chicago.

FOR SALE—Three greenhouses, built in 1905; 50 x100 feet in size, with show houses, 15 x 30 feet; Dietsch construction, Carmody ventilators, 5500 feet of 14x20 double-thick glass; houses heated by 30-horse flue boiler and 2400 feet of 4-inch piping; hot water heat; plant complete with office and workshop; plant is situated in the wealthiest town of 6000 inhabitants in New York State, about midway between Rochester and Buffalo, on the Falls branch of the N. Y. C. R. R.; good retail and wholesale business, with Protestant and Catholic cemeteries within few minutes' easy walking distance; everything new and up-to-date, including all tools, sod-crusher, etc.; entire plant will be sold for less than the material could be bought for new today; title perfect; reason for selling, owner obliged to move to south on account of health of family; for blue prints of plant, description, price, terms and full particulars, address Highland Real Estate Company, No. 111 Linden Ave., Memphis, Tenn.

WANTED

Experienced seed salesman; state age, experience and salary expected. J. E. Farrington Seed House, Chickasha, Okla.

Situation Wanted

By the 1st of January or later, by reliable and experienced florist and gardener, single, 34 years; first-class references furnished; please state particulars. Address No. 79, care Florists' Review Chicago.

Situation Wanted

By young man, 31, life experience in retail places, from 15,000 to 20,000 ft. of glass; am good grower of general stock such as is usually grown on a first class retail place; am also good designer decorator and bedder out; have had first class business education and am of good appearance; will be at liberty Feb. 5; good references Address No. 117, care Florists' Review, Chicago

SITUATION WANTED

By a grower of ornamental nursery stock; Hollander, single; 14 years' experience in growing roses, shrubs, etc.; wants position as foreman; also willing to work in a good florist business where roses, carnations, etc., are grown; good reference; state full particulars in first letter; open for engagement at once. Address No. 106, care Florists' Review, Chicago.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. 48, care Florists' Review, Chicago.

NOTICE

Members of the Illinois State Florists' Association. Notice is hereby given that at the next annual meeting, to be held at Urbana, Ill., Feb. 15 and 16, 1910, a resolution will be presented proposing to amend Section 8 of the Constitution to read as follows:

The Association shall hold its annual meeting and exhibition on the 4th Tuesday of February at Urbana, Ill. Ten members to constitute a quorum. J. F. AMMANN, Sec'y.

STORE AND RETAIL BUSINESS FOR SALE

A fully equipped and only store in town of 15,000 in New York State the entire good will and an established business for more than 15 years; business now $8,000 to $10,000 per year and can be much increased by a good live man; on account of poor health am willing to sell at a sacrifice and $3,000 will buy it. If you mean business

Address No. 81,
Care Florists' Review, Chicago.

For Sale!
A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address

No. 68, Care Florists' Review Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street — Cable Address: ALEXCONNELL — Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Sharkey FLORIST

Phone 5195 Madison Sq.

Late with THOS. YOUNG, JR.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Steamer and Theater Work My Specialty

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2840 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

IOWA SEED CO., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

41 North Pearl St., • • ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

OSTERTAG BROS.

Washington and Jefferson Aves.

Both Long Distance Phones, St. Louis, Mo.

DENVER.

The Market.

There seems to be general satisfaction among the retailers this year with regard to Christmas. Weather conditions were not ideal, it being quite cold, making the delivery of stock a little hazardous unless particularly well wrapped.

The plant trade eclipsed the cut flower trade, due somewhat to cut flower growers and wholesalers forcing up prices and withholding stock before Christmas. A nice blooming plant at $2 to $5 was more sought after than a dozen carnations or three or four Beauties. A majority of customers refused to pay $2 or $2.50 per dozen for carnations, and these were plentiful enough, too. Roses were equal to the demand and commanded good prices, but not so much in proportion as carnations; as it was, quite a few were left on hand the following day. Some of the store men report that business was a trifle better than a year ago, while a few say it was not so good, owing, perhaps, to local conditions regarding stock.

Violets were particularly scarce and could be had only in limited quantities, and then at $2 per hundred, wholesale.

Poinsettias moved well. The azaleas and cyclamens, however, were the favorites, while Begonia Lorraine followed closely.

Christmas trees did not prove profitable to the florists and the mistletoe was not as pretty as in former years. White holly sold well, as also did the green holly, which was scarce and higher priced than last year.

However, most of the growers and

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1204 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

W. A. Hammond

RICHMOND, VA.

Prompt shipment to all points in Virginia, North Carolina and other states

200,000 feet of glass to Cut Flowers

The West View Floral Co.

105 Peachtree St., Atlanta, Ga.

Choice Flowers Rare Plants For All Occasions

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones 4025-4026, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union **Established 1874**

WARENDORFF

NEW YORK CITY.

The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.

FLORISTS

COVER ALL OHIO POINTS

114 N. High St., COLUMBUS, OHIO

JULIUS BAER

138-140 E. Fourth St.
Long Distance Phone
Cincinnati, Ohio.

Seattle and Coast

Orders Carefully Filled

Graff's Flower Shop
923 1st Ave., Seattle, Wash.

LINCOLN, NEB. CHAPIN BROS.

Retail Florists

Flowers for all occasions, from cradle to grave.

E. O. LOVELL GRAND FORKS

Will give prompt attention to all orders for delivery in North Dakota

MOBILE, ALABAMA

The Minge Floral Co.

The Anderson Floral Co.

ANDERSON
533 Marshall Ave., SOUTH CAROLINA

TERRE HAUTE, IND.

JOHN G. HEINL & SON, 129 South 7th Street

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

BERTERMANN BROS. CO.

LEADING FLORISTS

241 Massachusetts Ave., Indianapolis, Ind.

Orders for North Carolina promptly attended to by

J. VAN LINDLEY NURSERY CO.

Te . Office, Greensboro **POMONA, N. C.**

Washington, D. C.

14th and H Streets

Blackistone

Also
1601 Eutaw Place,
Baltimore, Md.

CLEVELAND

..The..
J. M. Gasser Company
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

Washington, D. C.

Marche & Co.

Reliable House. Write, Wire or Phone.

14th and H Sts.

The Flower Shop

136 West 42nd Street

Telephone 259 Bryant New York

In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

SATISFACTION GUARANTEED

THE SMART SET FLORAL CO.

Broadway and 83rd Street
NEW YORK

Telephone 1790 Riverside.

Prompt and personal attention given your orders by expert artists.

planters state that they are well satisfied with the amount of business done at Christmas and with the trade since then, for New Year's brought forth a good sale. Probably as many carnations were sold for New Year's as for Christmas, mostly on account of the reasonable price. E. S. K.

LOUISVILLE, KY.

The last week in the old year was a good one, from the florists' standpoint. Several social functions took place and large quantities of good stock were used up. At present there is a shortage in all kinds of stock, owing to the heavy demand and weather conditions. Business for New Year's day was a little better than last year. Cut flowers were mostly

JOHN WOLF

SAVANNAH, GA.

Wholesale and Retail **Florist**

Canada's Florist

Dunlop's
96 Yonge St., TORONTO

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will Take Proper Care of Your Orders in WISCONSIN

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES
Both Long Distance Phones

WILLIAM J. SMYTH

FLORIST Cor. Michigan Ave. and 31st St., Chicago

We ship to all points in Illinois and Iowa.

PHONES:
Douglas 744, Douglas 523, Douglas 740

ADVANCE FLORAL CO., Five Phones

O. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, DAYTON, O.

Minneapolis, Minn. LEADING FLORISTS

SWANSON'S, 618 Nicollet Ave.

Louisville, Ky.

JACOB SCHULZ, 550 So. Fourth Ave.

A. C. BROWN, SPRINGFIELD, ILL.

LARGE GREENHOUSES

LEADING RETAIL FLORISTS

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BUFFALO

S. A. ANDERSON
440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph.

All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists

906 Grand Avenue, KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J.
will be carefully filled by

George H. Berkley

1505 Pacific Ave.

Write, Wire or Phone Your Orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinloch, Central 4981

J. W. WOLFSKILL

FLORIST

Telegraph Orders a Specialty.

218 W. 4th St., LOS ANGELES, CAL.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO

Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

GEO. A. HEINL, LEADING FLORIST, TOLEDO, OHIO

ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON

CLARKE BROS. 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

PROVIDENCE, R. I.

and all New England Points

T. J. JOHNSTON & CO.
171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART

119 No. 16th St., OMAHA, NEB.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

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ALBERT G. FIEDLER & CO., 902 South Charles St.

Teresa Badaracco

Art Florist ST. LOUIS, MO.

Minneapolis Floral Co., Wholesale and Retail Florists

MINNEAPOLIS, MINN.

Funeral designs on short notice. One of the largest establishments west of Chicago.

in demand and a general clean-up was made. Prices for stock were held up all through the week and stock sold at Christmas prices, with the exception of carnations, which brought $1 per dozen. The weather has moderated considerably, but is still rather unsettled. The last three weeks were the coldest we have had for a good many years, and a large amount of coal was burned. K. R.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Caledonia	New York	Glasgow	Jan. 8
Barbarossa	New York	Genoa	Jan. 8
Thames	New York	Jamaica	Jan. 8
Caronia	New York	Egypt	Jan. 8
Corrientes	New York	Brazil	Jan. 10
Adriatic	New York	S'hampton	Jan. 12
Alice	New York	Italy	Jan. 12
Friesland	Philadelphia	Liverpool	Jan. 15
Romanic	New York	Italy	Jan. 15
Friedrich Wm.	New York	Bremen	Jan. 18
Nippon Maru	S. Francisco	Hongkong	Jan. 18
Shinano Maru	Seattle	Hongkong	Jan. 18
Lusitania	New York	Liverpool	Jan. 19
Oceania	New York	Italy	Jan. 19
Baltic	New York	Liverpool	Jan. 22
California	New York	Glasgow	Jan. 22
Clyde	New York	Jamaica	Jan. 22
Carmania	New York	Egypt	Jan. 22
Kronprinz Wm.	New York	Bremen	Jan. 25
Siberia	S. Francisco	Manila	Jan. 25
Grecian Pr.	New York	Brazil	Jan. 25
Campania	New York	Liverpool	Jan. 26
Argentina	New York	Italy	Jan. 26
Moana	Vancouver	Australia	Jan. 28
Cretic	New York	Italy	Jan. 29
Berlin	New York	Genoa	Jan. 29
China	S. Francisco	Hongkong	Feb. 1
Tango Maru	Seattle	Hongkong	Feb. 1
Umbria	New York	Liverpool	Feb. 2
Celtic	New York	Italy	Feb. 2
Columbia	New York	Glasgow	Feb. 5
Saxonia	New York	Egypt	Feb. 5
Ivernia	Boston	Liverpool	Feb. 8
Manchuria	S. Francisco	Hongkong	Feb. 8
Mauretania	New York	Liverpool	Feb. 9
Main	New York	Bremen	Feb. 10
Caledonia	New York	Glasgow	Feb. 12
Canopic	New York	Italy	Feb. 12
K. Albert	New York	Genoa	Feb. 12

John King Dunn

Flower and Plant Shop

644 Madison Ave., just above Fifty-ninth St.

Phone 410 Plaza. New York City

JOHN BREITMEYER'S SONS

Corner Broadway and Gratiot Ave.

DETROIT, MICH.

FRED EHRET

WHOLESALE AND RETAIL FLORIST

1407 Fairmount Ave. and 702 N. Broad St.

PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main

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326 Fulton St., Brooklyn, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.

Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

TEXAS Dallas Floral Co.

DALLAS

Everything grown here fresh every day

Rosemont Gardens

W. B. Paterson, Prop.
116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, Florists

Telephones 1501 and L 1582

1415 Farnum Street, OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Evanston and Chicago

JOHN WEILAND EVANSTON, ILL.

MICHIGAN

Orders will be carefully cared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS

ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

Spokane Florist Co.

SPOKANE, WASH. Up-to-date Florists

BEYER FLORAL CO., SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.

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BROWN

New York's Most Modern Florist Store
"The Belnord"
2360 Broadway
New York City

Telephone No., 1219 River
Personal Attention Given Your Orders.
Satisfaction Guaranteed.

Coombs LEADING FLORIST
Hartford, Conn.

Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand
McKenna
MONTREAL

ST. PAUL, MINN.
Order your flowers for delivery in this section from the leading Florists of the Northwest.
L. L. MAY & CO.
ST. PAUL, MINN.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.
WASHINGTON, D. C.
GUDE'S

The Park Floral Co.
J. A. VALENTINE
Pres.
DENVER, COLORADO

Jacksonville Floral Co.
20 Laura St. Jacksonville, Fla.
We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.
Choice Seasonable Flowers
ALWAYS ON HAND.

J. F. AMMANN Long Distance Phones
Edwardsville, Ill. Alton, Ill.

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Washington, D. C.	Blackistone, Z. D.
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Wilkes-Barre, Pa.	Marvin's, Ira G.

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Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

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HALL & ROBINSON, 855 St. Catherine Street, West.

STATE NURSERY CO. Cut Flowers
155,000 Sq. ft. of glass at your service
Helena, Montana

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SEEDS
of all kinds apply to
W. W. JOHNSON & SON, Ltd.
BOSTON, ENGLAND

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

THE returns from the early catalogues are said to have been unusually prompt this year.

THE southern business in vegetable seeds, mostly gardening varieties, is opening earlier than last year, and stronger.

PEAS are not so scarce but that some considerable lots are on offer at moderate price and with the vender's assurance of quality. Alaska is among the sorts offered.

J. WALTER EVANS, formerly with the Livingston Seed Co., Columbus, O., in company with L. O. V. Evans, has gone into business at Marysville, Cal., as the Marysville Flower and Seed Co.

THE daily newspapers of the big cities have been featuring this week the elopement of a grand-daughter of Robert Buist, Philadelphia, and record that one of Mr. Buist's chief aids in the hunt for the girl and her companion was Howard W. Earle.

THE 1910 catalogue of Arthur T. Boddington again contains a 16-page order sheet, containing in condensed form a list of everything in seeds in the book, with blank spaces for the customer's use. This order sheet worked so well in 1909 that it is used again.

L. H. ARCHIAS entertained the employees of the Archias' Seed Store corporation at a turkey dinner at his home New Year's day. The host was presented with a cut glass cream and sugar bowl. L. A. Kipping, vice-president, attended the farmers' meeting and corn show at Columbia, Mo., that week.

SPONTANEOUS combustion caused a fire in the second story of the building occupied by the Stocker Seed Co., Peoria, Ill., on the night of January 1. The blaze was discovered by a watchman, and extinguished by the firemen before the building was destroyed. Several thousand dollars' worth of seeds were lost.

NEBRASKANS' TROUBLES.

Writing on the last day of the old year, Wm. Emerson, manager for the Western Seed and Irrigation Co., had this to say of the recent experience of Nebraska seed growers:

"There is not much news in the way of notes for the trade, excepting that the Nebraska growers have been seriously put back with the harvesting of all late seed crops, also sweet and field corn, by the numerous heavy snow storms during the last six or seven weeks. Many of the crops are still in the fields, or at least a portion of them are, and some of them are buried in the snow. This will reduce the crops considerably and will result in reducing the deliveries of some varieties of sweet corn and field corn on contract orders. Many of the crops of pumpkin and squash were caught in the same way and it has been impossible for the growers to wash and dry these late seed crops under favorable conditions, many of which will probably be unfit for seed, causing short deliveries on a number of varieties of pumpkin and squash and in some cases total failures."

FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Extra Early Hohenzollern, white, rose, The Bride	$0.20	$1.00
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple	.20	1.00
Giant Comet, The Bride, rose, yellow, blue, white, peach blossom	.20	1.00
Vick's Branching, white, lavender, light blue, purple, crimson, pink, rose	.20	1.00
Queen of the Market, white, pink, light blue	.10	.50
American Beauty	.20	1.50
Lavender Gem	.20	1.50
Snowdrift	.20	1.50
Antirrhinum—Giant, white, striped, scarlet, yellow, garnet	.10	.40
Pansy—Currie's International mixture	⅛ oz., $1.25;	.50 8.00
Giant Florists' Mixture	⅛ oz., .60;	.35 4.00
Salvia—Splendens	.15	1.00
Bonfire	.25	2.00
Zurich	.25	2.50
Verbena—Mammoth, white, pink, purple, blue, yellow, scarlet	.20	1.00

Send for new Catalogue and Trade Price List.
CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

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AT FOREIGN GROWERS' PRICES

From BELGIUM Palms, Araucarias, Bay Trees, Azalea Indica, etc.
From HOLLAND Boxwood, Rhododendrons, pot-grown Shrubs for forcing, etc.
From GERMANY Valley Pips. Early or late forcing.
From ENGLAND English Manetti, selected for grafting.
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Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.
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Very finest grades of Valley for shipment as desired from New York.
GREENHOUSE PLANTS
Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.
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Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.
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Finest grades of Berlin and Hamburg for import.
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A GRAND SPECIALTY
Price list on application.
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Oldest Special House
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CATALOGUES RECEIVED.

California Nursery Co., Niles, Cal., fruit and ornamental trees, roses, shrubs, etc.; Mallory & Bridge, Lake Mills, Wis., gladiolus bulbs; L. L. Olds Seed Co., Madison, Wis., seeds for the farm and garden; Stokes' Seed Store, Philadelphia, Pa., seeds and supplies; Charles H. Totty, Madison, N. J., chrysanthemums, carnations, roses and other plants; A. T. Boddington, New York, N. Y., bulbs, seeds, plants and supplies; Old Colony Nurseries, Plymouth, Mass., general nursery stock; Gate City Seed Co., Keokuk, Ia., market gardeners' price list; the W. E. Kirchhoff Co., Pembroke, N. Y., gladioli; J. Bolgiano & Son, Baltimore, Md., seeds, plants, tools and other requisites; The Newburys, Mitchell, S. D., cut flowers, plants and general nursery stock; Texas Seed & Floral Co., Dallas, Tex., seeds, plants, poultry supplies and sundries; John C. Swaner, Salt Lake City, Utah, seeds, bulbs and plants; the Conard & Jones Co., West Grove, Pa., seeds, bulbs, roses and other plants, shrubs and fruits; W. E. Marshall & Co., New York, N. Y., seeds, plants, bulbs and sundries; W. W. Rawson & Co., Boston, Mass., special catalogues of florists' seeds and of market gardeners' seeds.

THE SEASON'S PACK.

Since canners are such good customers of wholesale seedsmen, the trade will be interested in the following figures com-

Arkansas Valley Seed House

Lakin, Kan.

CONTRACT SEED GROWER

of Watermelon, Muskmelon, Cucumber and Squash. All seeds grown under irrigation. 20 years' experience. Write us after the 1st of January for estimates on 1910 crops. We also have a small surplus of several varieties of Muskmelon and Cucumber.

Write us today.

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We grow all the principal sorts of

WATERMELONS

FOR SEEDS

Our seeds are absolutely perfect and true to name; will germinate 85%. Have a surplus stock to offer the trade.

Write for prices

W. M. GIRARDEAU & SON

R. L. Eaton, Mgr. Monticello, Fla.

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ALASKA PEAS

Rogued and hand-picked.

$4.00 per bushel. Sample on request.

L. L. OLDS SEED CO., Madison, Wis.

Mention The Review when you write.

piled by the National Canners' Association:

The pack of tomatoes for 1909 was 10,984,000 cases, against 11,479,000 cases last year. In detail the pack of 1909 was as follows:

	Cases.
Maryland	4,609,000
Delaware	1,236,000
New Jersey	944,000
Indiana	852,000
Ohio	339,000
New York	298,000
Missouri	244,000
Virginia and West Virginia	985,000
Washington, Colo., Utah, California	930,000
Iowa, Michigan, Illinois	247,000
Pennsylvania, Tennessee, Kentucky	223,000
All other states	77,000
Total pack	10,984,000

The pack of corn during the season of 1909 reached a total of 5,787,000 cases. That is 2,468,134 cases less than the average for the past five years, and about a million cases less than was turned out in 1908. The pack of 1909 by states was about as follows:

	Cases.
Illinois	1,134,000
Iowa	902,000
Maine	698,000
Ohio	677,000
New York	634,000
Maryland	432,000
Wisconsin	422,000
Indiana	405,000
Minnesota	78,000
Missouri, Michigan, Delaware, Vermont, Pennsylvania	240,000
All other states	165,000

During the packing season of 1909 a total of 5,028,000 cases of peas was put up by the canners of this country. That was nearly 500,000 cases less than the output in 1908. The pack in detail follows:

	Cases.
Wisconsin	1,878,000
New York	1,378,000
Indiana	447,000
Michigan	373,000
Maryland	226,000
New Jersey	125,000
Ohio	113,000
Delaware	107,000
All other states	381,000
Total pack	5,028,000

LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

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SAN FRANCISCO CALIFORNIA

YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalog

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Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

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S. M. ISBELL & CO.

JACKSON, MICH.

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Radish, Pea, Muskmelon

Squash, Watermelon, Sweet Corn

CORRESPONDENCE SOLICITED.

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Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

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Onion Sets - Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

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Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

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GET QUOTATIONS FROM

LANDRETH SEEDS WHICH SUCCEED

Bloomsdale Farms **BRISTOL, PA.**

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THE HAS. H. TILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

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S. D. Woodruff & Sons

SPECIALTIES:

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Maine seed potatoes, onion sets, etc.

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New York City Store, 82-84 Dey Street

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Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

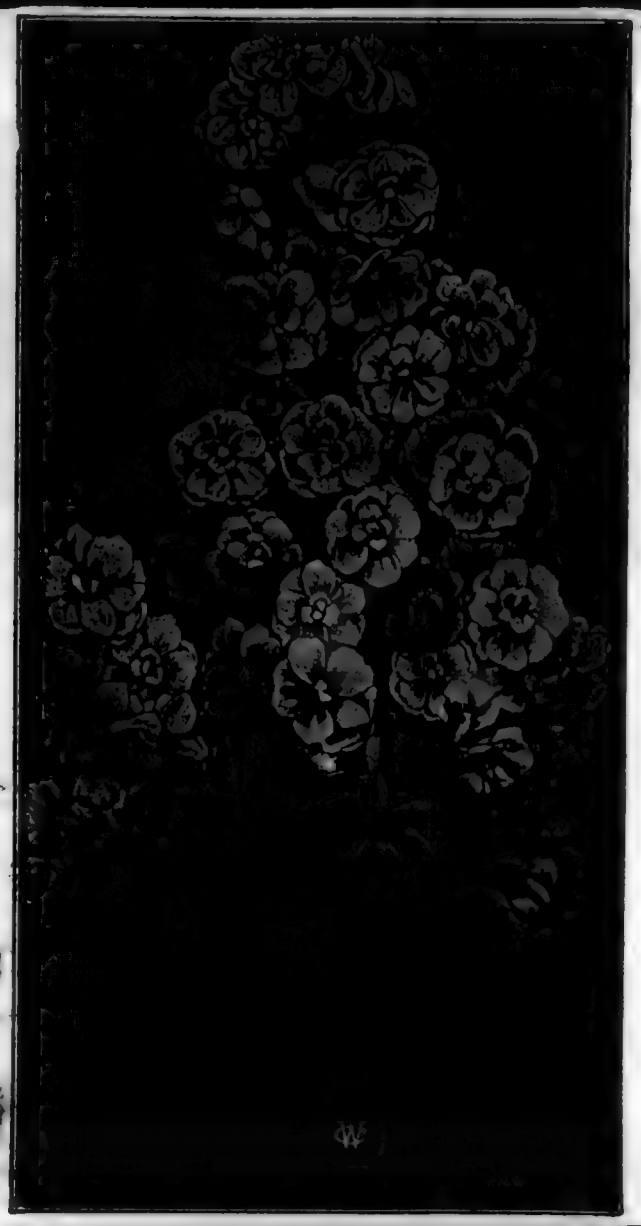
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LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

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Bismarck Summer-flowering Stocks

(GILLYFLOWER)

Golden Ball—Canary Yellow

NOVELTY 1910

For the Gardener interested in Cut Flowers, this is just the right thing. **The Best Novelty in the World.** The Bismarck Summer-flowering Stock makes cone-shaped bushes, about 3 feet high, with wonderfully large, canary yellow clusters. It blooms throughout the entire summer season and even into the late fall. This Bismarck Summer Stock produces about 80% double flowers and is indispensable for the artistic work of the modern florist. When placed on the market in the form of a pot plant, it has no equal. **This Season's Best Novelty.** 1 packet, 15c; 10 packets, $1.25; 100 packets, $11.00.

Bismarck Stocks Snowball, Snow White Novelty of 1909

This new kind has the same good qualities as the above mentioned novelty. The flowers are very large, snow white and are splendid as cut flowers and for sale on the market. 1 packet, 15c; 1000 seeds, 50c; ¼ oz., $1.50; 1 oz., $5.00.

Giant Summer Stocks Gloria, Bright Blood Red—Excelsior Class.

Produces panicles of great length, bright and blood red; the flowers are gigantic. Great novelty. Fine for cut flowers. 1 packet, 15c; 1000 seeds, 65c.

Summer Stocks Himmelsauge (Eye of the Sky).

Belonging to the dwarf class; novelty; wonderful light blue color; the best for pot culture; produces from 80% to 85% double flowers. 1000 seeds, 80c; ¼ oz., 90c.

Dresden Summer Stocks, with large Blossoms and Everblooming.

Best for cut flowers. 1, apple blossom; 2, dark blue; 3, light blue; 4 flesh colored; 5, dark blood red; 6, chamois; 7, soft rose; 8, purple carmine; 9, red brown; 10, crimson; 11, canary yellow; 12, snow white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

Erfurt Summer Stocks, with Large Blossoms; Best for Groups.

1, brilliant rose; 2, carmine; 3, crimson; 4, dark violet; 5, dark blood red; 6, flesh colored; 7, canary yellow; 8, light blue; 9, aurora colored; 10, pure white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

English Summer Stocks De Luxe Mixture, Seeds from the Open Ground.

¼ oz., 35c; 1 oz., $1.10.

Please Send Cash With Orders.

WEIGELT & CO., Seed Specialists, ERFURT, GERMANY

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EUROPEAN NOTES.

Agricultural Seed Trade Association.

At the annual general meeting of the Agricultural Seed Trade Association of the United Kingdom, Edward Sherwood (of Hurst & Son), the president, occupied the chair. Representatives from many of the leading firms were present and took part in the proceedings, including Peter Lawson & Son, Edinburgh; A. Cross & Son, Glasgow; Bell & Bieberstedt, Leith; Le May, London; E. P. Dixon & Sons, Hull; C. Sharpe, Sleaford; Dickson, Brown & Tait, Manchester; Dickson & Robinson, Manchester, etc. One of the principal subjects discussed was the appointment of an analyst to test seeds for members of the association. Herbert Le May pointed out that the present practice of sending seeds to Zurich or Copenhagen to be tested was unsatisfactory. He had approached the Board of Agriculture, suggesting that an analyst should be appointed by the Board, but no progress had been made. It was decided to approach Professor Biffen, of Cambridge, to ascertain if he was willing to undertake analytical work for the association.

Honor to James Grieve.

An interesting function took place in Edinburgh, December 14, when the nurserymen and seed merchants of that city met together to honor James Grieve, of James Grieve & Sons, on the occasion of his fifty years' connection with the Edinburgh nursery trade. D. W. Thomson, on behalf of 168 subscribers, presented Mr. Grieve with a gold watch and chain and a purse of sovereigns. In a genial, happy vein he referred to Mr. Grieve's mani-

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HENRY METTE, Quedlinburg, Germany

(Established in 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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PLANTS and BULBS

for Florists' forcing; Azaleas, Rhododendrons, Lilacs, etc.; Romans, Valleys, Lilies, etc., imported to order; delivery, Fall season 1910. Address

AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

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Azaleas, Rhododendrons, Clematis,
Roses, pot-grown plants for forcing.
Buxus, Conifers, Japanese Maples,
Shrubs, Palms, Bulbs, Etc.

A postal brings our catalogue.

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ORCHIDS

Largest Importers, Exporters, Growers and Hybridists in the world.

SANDER, St. Albans, England

and 235 Broadway, Room 1, New York City

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Lily of the Valley

MANN'S EXCELSIOR

Are the finest in existence and their flowers fetch the best prices in the London market.
For quotations, please apply to

OTTO MANN, Leipzig, Saxony, Germany

Boddington's Quality Flower Seeds for Florists

SELECTED SEEDS, SUCCESSFULLY SOWN, SECURE SURE, SAFE AND SERVICEABLE SATISFACTION.
Remember you may deduct 5 per cent if cash accompanies order.

AGERATUM

	Trade pkt.	Oz.
Mexicanum album	$0.10	$0.20
Blue Perfection	.15	.50
Imperial Dwarf Blue	.10	.25
Imperial Dwarf White	.10	.25
Little Dorrit	.15	.50
Swanley Blue	.10	.25

Little Blue Star, trade pkt. 25c., 5 pkts. for $1.00.

BODDINGTON'S MAUVE BEAUTY

Large Mauve flowers; dwarf, compact, very free-flowering. A unique variety. Trade pkt. 10c., oz. 50c.

ALYSSUM

White Gem

A grand improvement on Little Gem, being much more compact; grand for bedding. Trade pkt. 25c., oz. $1.

	Trade pkt.	Oz.	Lb.
Little Gem, dwarf, best for pots	$0.10	$0.30	$3.50
Carpet of Snow, for hanging baskets and borders	.10	.25	
Sweet (the old variety)	.10	.15	1.25

ASTERS

BODDINGTON'S Asters are famous. Write for catalogue of other varieties and prices.

QUEEN OF THE MARKET ASTERS
Boddington's Extra-Early

	Trade pkt.	Oz.
Pink	$0.20	$0.60
White	.20	.60
Light Blue	.20	.60
Dark Blue	.20	.60
Crimson	.20	.60
Rose	.20	.60
Flesh-Color	.20	.60
Light Rose	.20	.60
Scarlet	.20	.60
Red-Lilac	.20	.60
Finest Mixed	.20	.60

BRANCHING ASTERS

Vick's Branching

	Trade pkt.	¼ oz.	Oz.
Crimson	$0.25	$0.35	$1.00
White	.25	.35	1.00
Purple	.25	.35	1.00
Violet	.25	.35	1.00
Rose	.25	.35	1.00

Carlson's Branching

	Trade pkt.	¼ oz.	Oz.
Lavender	$0.25	$0.35	$1.00

Semple's Branching

	Trade pkt.	¼ oz.	Oz.
Shell-Pink	$0.25	$0.35	$1.00
Upright White	.25	.35	1.00

Trade pkt. each of the collection of 8 varieties for $1.75.

BODDINGTON'S GIANT ANTIRRHINUM

(Height, 3 Feet)

	Trade pkt.	Oz.
Coral-Red. Striking color	$0.20	$0.60
Carmine. Splendid color	.20	.60
Daybreak. Light pink	.20	.60
Brilliant. Scarlet, golden yellow and white	.20	.60
Crescia. Dark scarlet	.20	.60
Queen Victoria. Pure white	.25	1.00
Luteum. Yellow	.20	.60
Firefly. Scarlet	.20	.60
Romeo. Deep rose	.20	.60
Lilacinum. Beautiful lilac	.20	.60
Mixed	.20	.50

BEGONIA

	Tr. pkt.
Erfordii. Carmine, ⅛ oz., $1.00	$0.25
Semperflorens	.25
Vernon grandiflora, ½ ft. A fine bedding sort, with rich red flowers and glossy bronze-red foliage	.25

CINERARIA

Cineraria maritima. 1½ ft. Trade pkt. 10c., oz 15c.

Cineraria maritima "Diamond." A vast improvement over the above. Foliage very white, leaves much serrated. Trade pkt. 50c., $2.00 per oz.

CENTAUREA

	Tr. pkt.	Oz.
Candidissima, 1000 seeds, 25c		$1.00
Gymnocarpa, 1000 seeds, 15c		.35

COBAEA

	Tr. pkt.	Oz.
Scandens. H. P. Blue	$0.10	$0.30
Alba. White	.20	.75

GREVILLEA ROBUSTA

	Tr. pkt.	Oz.
(Silk Oak)	$0.10	$0.50

LOBELIA

	Tr. pkt.	Oz.
Erinus gracilis. Trailing; light blue	$0.15	$0.40
Erinus speciosa. Deep blue; trailing	.15	.50
Crystal Palace compacta	.30	1.25
Emperor William compacta	.25	1.00

MIGNONETTE

Boddington's Majesty. The finest of all fancy varieties of Mignonette for under glass or pot culture. Seeds saved from select spikes under glass. Trade pkt., 60c; ⅛ oz., $1.00; oz., $7.50.

MYOSOTIS

	Tr. pkt.	Oz.
Eliza Fonrobert, excellent for pots, blue	$0.10	$0.50
Palustris Semperflorens, everblooming	.25	2.00

PETUNIAS

Boddington's Quality Double Fringed. Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size. ½ trade pkt., about 1000 seeds, 60c; trade pkt., about 2000 seeds. $1.

Boddington's Snowball, Double. The finest double; pure white, ½ trade pkt., 60c; trade pkt., $1.

BODDINGTON'S CENTURY PRIZE

Gigantic single flowers, having the edges deeply ruffled or fluted; fine substance, with deep white throats. Colors vary from pure white to dark purple-violet, many being beautifully striped or veined. ½ trade pkt., about 1000 seeds, 60c; trade pkt., about 2000 seeds, $1.

	Tr. pkt.
Boddington's Bar Harbor Beauty, Single. Color a beautiful rose	$0.25
Boddington's Ruffled Giants. A grand selection of single fringed Petunias	.50
Boddington's Inimitable Dwarf Compact Hybrids, Single. Flowers blotched and striped	.25

Petunias Continued

	Tr. pkt.
Canary Bird. Medium size, finely fringed and curled borders; distinct yellow, which deepens in the throat. 5 pkts. $1.00.	$0.25
Emperor, Single. Large blossoms, distinct in form, coloring and marking. The solid colors are particularly rich and velvety; some of the crimson blossoms have pink stars, some pure white, while others are distinctly striped	.50
Howard's Star. Rich crimson, with a distinct white star in center	.25
Rosy Morn. Soft carmine-pink	.25
Snowstorm. Pure single white	.25
Hybrida, Single Mixed, oz., 50c	.15

PYRETHRUM

	Tr. pkt.	Oz.
Aureum. (Golden Feather)	$0.10	$0.25
Selaginoides. Foliage finely serrated	.15	.50

SHAMROCK

	Tr. pkt.	Oz.
(True Irish). Small-leaved	$0.50	$1.50

½ trade pkt., 25c.

SALVIA

	Tr. pkt.	Oz.
Clara Bedman (Bonfire). 1½ feet	$0.25	$2.00
Splendens (Scarlet Sage)	.25	1.00
Splendens. Ball of Fire. Very dwarf and early	.25	3.50
Splendens, Little Lord Fauntleroy. Neat and compact, upright and free-flowering	.50	4.00
Splendens aucubaefolia (Silverspot). Dark green leaves, with light sulphur spots, resembling an aucuba, bright scarlet flower	.25	2.50
Splendens carminea (new). Splendid rose carmine. Dwarf	.50	
Splendens gigantea. Attains the enormous height of 7 feet, highly recommended for groups or as an individual specimen	.50	
Splendens pendula. Drooping spikes	.25	2.00
Splendens, Boddington's Miniature. Early, dwarf, 12 in. and very free-flowering; covered the whole summer with large flower spikes of rich scarlet	.50	
Splendens, Zurich	.50	5.00

QUALITY VERBENAS

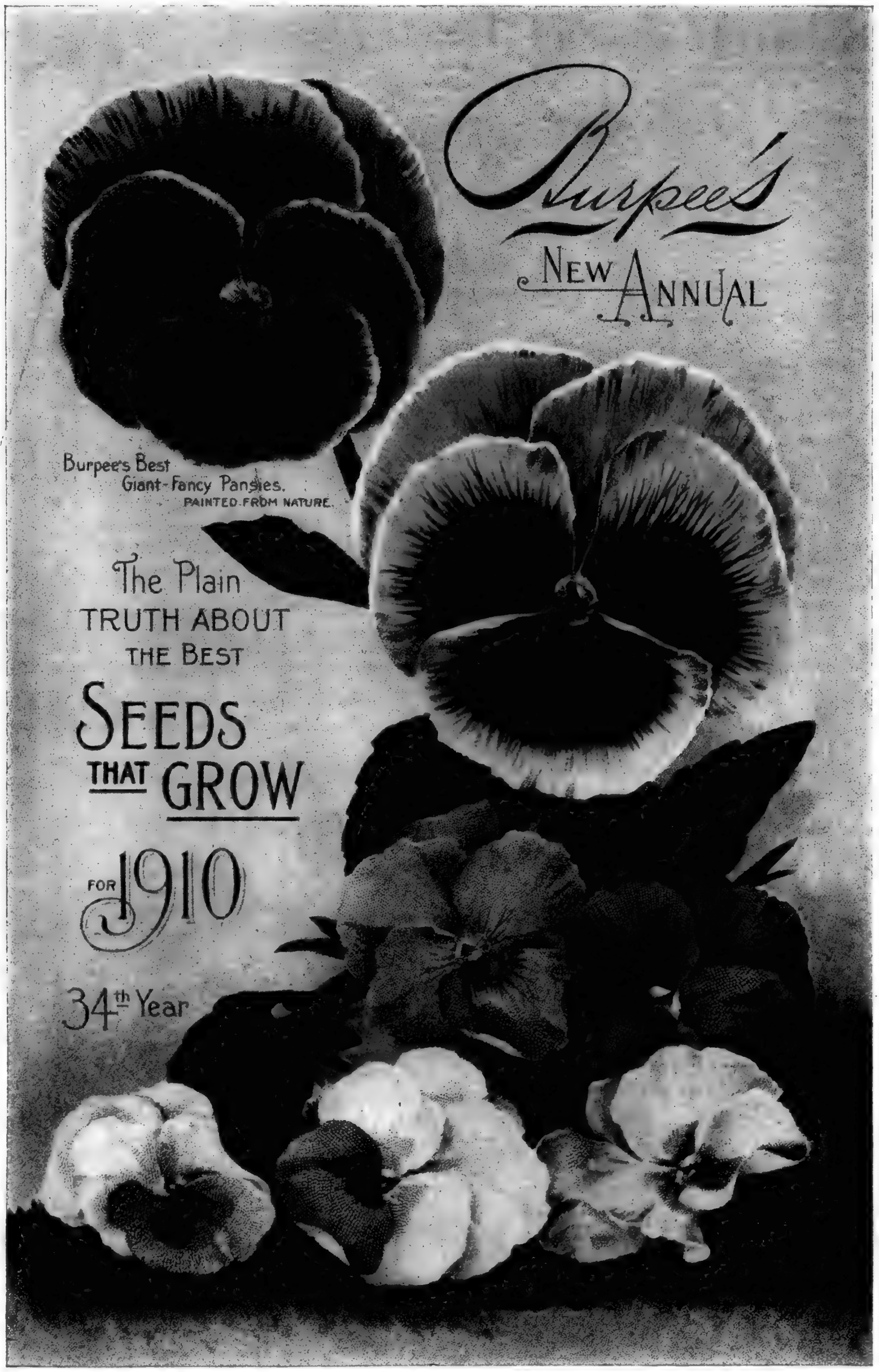
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Boddington's Mammoth Hybrids. A strain of very vigorous growth, producing trusses of large flowers of brilliant and varied colors. Mixed	$0.25	$1.00
Boddington's Mammoth Auricula-flowered. Large flowers with distinct white eye	.25	1.00
Boddington's Mammoth Blue	.25	1.00
Boddington's Mammoth Pink	.25	1.00
Boddington's Mammoth Scarlet Defiance. The finest scarlet sort	.25	1.00
Boddington's White (Candidissima). Pure White	.25	1.00
Boddington's Striped. Many colors	.25	1.00
Lemon (Aloysia citriodora)	.25	1.50

VINCA

	Tr. pkt.	Oz.
Alba. White	$0.15	$0.50
Rosea. Rose	.15	.50
Rosea alba. Rose and white	.15	.50
Mixed	.10	.40

We are headquarters for Sweet Peas of every description. Our Wholesale Catalogue of **Quality** Seeds and Bulbs contains 52 pages of **Seeds and Bulbs you need. Write for one today—a postcard will fetch it.**

ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th Street NEW YORK CITY



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Burpee-Quality in Seeds

RPEE BUILDING

(OUR PRINCIPAL CITY WAREHOUSE AND OFFICES)

Nos. 475 and 477 North Fifth Street
and Nos. 476 and 478 York Avenue

PHILADELPHIA, PA.

REGISTERED WAB TRADE MARK
"The Seal of Quality."

our Customers: January 1, 1910

mers are our friends and the introduction to The Farm Annual has been rightly so addressed for many years a personal interest in doing all that is possible to insure your success in gardening, and are sure that you are now of our continued growth. Hence, you may be interested in reading the articles on pages 4, 12, and 34, nerican Trade Journals.

RPEE BUSINESS has shown a steady—and almost uninterrupted—growth since its beginning in 1876, in the ctured below. Compare this with the present Burpee Building and also our illustrated on third page cover. The total business for an entire year "in the ess than what we do now in a week.

LD CUSTOMERS—many of twenty to thirty years' standing—need no new lity on our part. Our reputation for Seeds of Quality has been builded upon to maintain the truth of our famous motto:—



FIFTH STREET FRONTAGE OF
The BURPEE BUILDING
Erected in 1898
OUR PHILADELPHIA HEADQUARTERS

rpee's Seeds Grow and are e Best Seeds that can be grown

logue for 1910 (of which the first edition is more than four hundred thousand ach some readers, however, who never before have had an opportunity to try . To such we would say that all we ask is a fair comparative trial,—no matter first order may be. All stocks are thoroughly tested and we sell only those d—the best it is possible to produce.

Burpee's Seeds are Grown by Burpee!

As a rule, this is absolutely true! Those varieties of seeds that cannot be produced to the highest standard of excellence upon our own farms are raised under private contract, subject to our personal inspection during growth, in such sections of America and Europe as long experience has shown to be best adapted to their proper development. We buy no seeds upon the open market—and yet this rule occasionally has a necessary exception. The exception this season is in the case of Garden Peas, for the reason explained at bottom of page 80.

With hearty thanks for your many courtesies during past years, and trusting that the same friendly spirit may continue, we remain, Sincerely and gratefully yours,

Seed Gardens and Trial Grounds at our famous FORDHOOK FARMS, Bucks County, Pa.; SUNNYBROOK FARM in New Jersey, and the new BURPEE RANCH in California.

W. Atlee Burpee

---

peated verbatim, the introduction to our retail catalogue—BURPEE'S NEW ANNUAL FOR 1910. If you do not receive a copy nerican Seed Catalogue" by January 10, please write for it. At the same time, if you appreciate quality in seeds and are willing to he best seeds it is possible to produce, we shall be pleased to send you also (provided you are a market gardener or florist) a copy of E LIST FOR 1910—the most complete wholesale catalogue for those who plant for profit.

ces may be higher than those of some other houses, yet the quality of the seeds in every case warrants the prices charged. We aim uality rather than to compete in price. Shall we send you one or both catalogues?

LEE BURPEE & CO., PHILADELPHIA, PA.

Every Florist Who Grows

ASTERS

should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

When writing, mention this paper.

JAMES VICK'S SONS
ROCHESTER, N. Y.

Mention The Review when you write.

fold labors as a nursery employee, as a nursery manager and latterly as an employer, with special reference to his work as a hybridist. Mr. Grieve suitably replied and the proceedings were enlivened by toasts and songs.

The death is announced of M. Phillipe Rivoire, Marseilles, France, a well known chrysanthemum grower.

French horticulturists are arranging an international rose congress of an important character, to be held in Paris during the summer of 1910.

A Peter Barr Medal.

The narcissus and tulip committee of the Royal Horticultural Society, London, has decided to perpetuate the memory of the late Peter Barr by instituting a medal to be called the Peter Barr medal, to be given annually in some way connected with the daffodil, and to use the balance of the subscriptions to provide for the maintenance of a child in connection with the Gardeners' Orphan Fund, as this was an institution in which he had taken a life-long interest.

The mistletoe is now (December 17) in evidence in huge piles in all our markets. The supplies are drawn principally from Normandy, France, the annual shipments amounting to 700 or 800 tons. Probably 100,000 Christmas trees will pass through Covent Garden before Christmas, in all sizes, from one foot up to thirty feet. One consignment of 7,000 trees, four to five and one-half feet, has just come in from Germany. Holly is abundant and well berried. Bee.

ADULTERATION OF SEEDS.

The U. S. Department of Agriculture issued, December 14, a bulletin on "The Adulteration of Forage-Plant Seeds," by F. H. Hillman, assistant in the seed laboratory. The subject is introduced as follows:

"Farm seed is considered to be adulterated when it contains seed of inferior kind or quality in excessive quantity. When inferior seed is present in considerable quantity it is naturally presumable that intentional adulteration has been practiced.

"The misbranding of seed, or its sale under the name of a different kind, may be intentional or it may be the result of error in labeling. Its effect, however, so far as the purchaser is concerned, is the same as adulteration.

"Some of the plants whose seeds are used as adulterants have more or less forage value and are widely distributed in agricultural regions where farm seeds are produced. For this reason a comparatively small quantity of their seed is likely to appear in seed crops merely as an incident to the culture of these crops. When the small extent of such

Dreer's Double Petunias



OUR DOUBLE PETUNIAS, for more than half a century, have been the acknowledged standard. The strain this season is equal in high quality to its predecessors, and is well known to the trade.

We offer 15 distinct varieties, in strong, 3-inch pots, which will quickly furnish an abundance of cuttings. Strong, 3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

Seed of our **SUPERB STRAIN OF FRINGED PETUNIAS. Double,** 75c per 500 seeds; $1.50 per 1000 seeds. **Single,** 50c per trade pkt.; $1.00 per 1-16 oz.; $1.50 per ⅛ oz.

Our Quarterly Wholesale Price List, issued January 1st, offers a full line of seasonable Plants, Seeds and Bulbs.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

Reliable Seeds, Sow Now

			Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts., $1.25; oz.,	$5.00	$0.25
Begonia Gracilis Luminosa, best scarlet bedder	6 tr. pkts.,	2.50	.50
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6	2.50	.50
Echeveria Woodlawn, new, ready in 6 months after sowing	1000 seeds,	2.00	.50
Myosotis Winter Queen, finest for greenhouse cut	oz.,	4.00	.50
Petunia, Zangen's selections of **Double Fringed Giants**	6 tr. pkts.,	5.00	1.00
Petunia, Zangen's **Single Ruffled and Fringed Hybrids**	6	5.00	1.00
Phlox Drummondi, nana compacta Fireball	Best for oz.,	2.50	.35
Phlox Drummondi, dwarf **Roseball**	pot "	2.00	.30
Phlox Drummondi, nana compacta, Snowball	use. "	3.00	.40
Phlox Drummondi Cecily, large flowered dwarf mixed	"	2.50	.35
Salvia Zangen's Fireball, finest for pot use	Unexcelled strain "	4.00	.50
Salvia Zangen's King of Scarlets, best late	of my own "	10.00	.50
Salvia Zurich, most valuable for early pot use	raising. "	8.00	.50
Stocks, Beauty of Nice, **Daybreak, White,** best for cutting, each, separate	"	3.00	.50
Verbena Mammoth, auricula flowered, blue, pink, purple, scarlet, striped, white, each, separate	"	1.50	.25
Mixed colors	"	1.25	.20

My new catalogue is ready now. If you are interested in Flower Seeds of horticultural and floricultural value, ask for the same. It's free.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

GLADIOLI...

Here is good value. All stock is 1½-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3.00	$25.00	Geo. Paul	$4.00	
Golden Queen	4.00	30.00	Giant Pink	4.00	$30.00
America	3.50	30.00	Le Pactole	3.00	25.00
Augusta	2.00	15.00	Klondyke	4.00	30.00
Africa	4.00		May	2.00	15.00
De Cheville	2.00	15.00	Mohawk	5.00	
Easter	1.50	12.00	Mrs. Francis King	2.50	20.00
Florida	2.00	15.00	Marie Lemoine	1.50	10.00

5 per cent discount for cash.

E. E. STEWART, - Rives Junction, Mich.

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Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Boddington's White and Light. Extra selected bulbs. 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman
342 W. 14th St. NEW YORK CITY

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Sow Now

Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, **we shall be glad to mail one on receipt of a postal.**

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

Mention The Review when you write.

XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.
PETUNIA GIANT, single fringed, large and fine, pkt., 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.
COLEUS, New Hybrids, finest colors, pkt., 20c.
GIANT PANSY, finest grown, critically selected 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.
CHINESE PRIMROSE, finest grown, single and double, 500 seeds, $1.00; ½ pkt., 50c.
PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.
SALVIA WM. PFITZER, very fine, dwarf, fiery red, extra, trade pkt., 25c.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.
CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.
RUPPTON: The Home of Primroses

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NEW CROP FLOWER SEED

Verbena Mammoth, 7 separate colors or mixed	oz.,	$1.00
Salvia Splendens	oz.,	1.25
Bonfire	oz.,	2.25
Fireball	oz.,	3.75
Zurich	oz.,	5.00

Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W. C. BECKERT, Seedsman
103 Federal St., N. S., PITTSBURG, PA.

OUR SPECIALTY

Next fall will be
LYCORIS SQUAMIGERA (Amaryllis Hallii.)
HOME-GROWN LILIUMS.
All varieties of German and Japan Iris.
—Write for prices.—

JOHN LEWIS CHILDS, Floral Park, N. Y.

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Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

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LILIUM GIGANTEUM

7/9, fine bulbs, ready for delivery from cold storage as desired, $8.50 per 100; $80.00, 1000.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

RAWSON'S

Arlington Tested
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Seeds FLORIST

Catalogues mailed free

W. W. RAWSON & CO., Seedsmen
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SEEDS :: BULBS :: PLANTS
72 Cortlandt St. NEW YORK CITY

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Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

Horseshoe Brand Products

Good advertisements afford a more liberal education than is generally supposed. Those who believe in advertising are on the road to success if they practice what they preach in the proper manner. If you are a believer, be a good one and patronize the advertiser. It will pay you because advertisers are progressive people and the kind you want to deal with.

Of course, advertised goods must have merit, or the effort is useless. Horseshoe Brand bulbs have merit and it pays us to advertise them. Ask the man who grows them and confirm this, then write us for prices.

Ralph M. Ward & Co.
12 W. Broadway, NEW YORK

Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. **$15.00 per 1000; $1.75 per 100.**

Berlin Pips

$13.00 per 1000; $1.50 per 100.

H. N. BRUNS, 3040 Madison St., **CHICAGO**

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incidental occurrence is conspicuously exceeded, intentional adulteration is strongly suggested. An illustration of this is seen in the relation of yellow trefoil to red clover and alfalfa. The trefoil grows spontaneously in most regions where red clover seed and alfalfa seed are produced, and some trefoil plants are likely to appear in these crops. While trefoil is a low-growing plant, mostly escaping the mower when the crop is cut, some fruiting stems are likely to be harvested with the crop. The admixture of the trefoil seed with that of the crop is further aided by the fact that the trefoil has a long seeding period, and consequently its seed may appear in clover or alfalfa seed harvested at any time within the usual period during which harvesting may occur. Thus the appearance of a trace of trefoil in red clover or alfalfa seed does not indicate intentional or serious adulteration. Again, while Canada bluegrass grows spontaneously with Kentucky bluegrass it matures so much later than the latter that only very immature seed can appear incidentally in the harvested Kentucky bluegrass seed. The latter, however, as offered to the trade often contains mature Canada bluegrass seed in quantity varying from ten per cent to complete substitution. This is evidently intentional adulteration.

"As a rule, successful seed adulteration is made possible by the similarity existing between the inferior seed and that of the crop seed with which it is used. If often happens, therefore, that the adulterant used is the seed of some plant very closely related to the adulterated crop seed. The dealer who adulterates seed bases his faith in the success of the deception upon the very careless examination made or the absence of any examination of the seed by the average purchaser, including the majority of retail dealers. If, before purchasing, a careful examination of the seed offered for sale was made by all buyers, guided by a knowledge of the various adulterants used, seed adulteration would soon cease.

"The combination of seeds of standard farm crops commanding uniformly different prices in the seed market constitutes adulteration when the mixture is sold at the price of the more expensive seed. This is illustrated by the combination of redtop and timothy offered as redtop.

"Another form of adulteration is the use of dead seed of the kind offered for sale. Such dead seed may have lost its vitality from advanced age or from unfavorable conditions of harvesting or of storage, or it may consist of light screenings in which the seed germs never developed. Old seed having very low vitality or none at all doubtless is often offered for sale. Considerable worthless shriveled red clover and alfalfa screenings are imported each year for use in adulterating red clover and alfalfa seed.

"One of the commonest and most objectionable forms of adulteration is the use of low-grade screenings, consisting chiefly of miscellaneous weed seeds. In many instances such adulterants have been purchased in foreign countries. The statement, often made, that low-grade weedy screenings are imported for the purpose of recleaning before being marketed is without foundation, because the quantity of good seed to be secured would cost the dealer more, usually very much more, than the same quantity of good seed produced in this country. Such low-grade seed, therefore, is unquestionably imported exclusively for use either in competition with or as an adulterant of higher grade seed.

"Not all the consequences experienced by the consumer which arise from seed adulteration can be anticipated, but chief among the disadvantages are a reduced stand of the desired crop, a monetary loss in paying too much for the quantity of good seed actually secured, a loss in connection with transportation charges, which are higher than they should be for the actual quantity of good seed transported, and the securing of an undesired crop which, if from miscellaneous screenings, may do permanent injury to the farm owing to the noxious weeds introduced. Many indirect losses and disappointments resulting from the use of adulterated seed are experienced by progressive farmers who may unwittingly sow such seed."

The bulletin gives descriptions of the

LILY OF THE VALLEY FOR PROMPT DELIVERY

EXPOSITION GRADE. This is an extra fancy grade of Berlin crowns. There are never enough of them to supply the demand. Out of Mr. Reimschneider's entire growing, he usually has only 50,000 to 75,000 of this grade, which is evidence of the care with which they are selected. **In cases of 2000 crowns, at $30.00 per case.**

PERFECTION GRADE. This is a true Berlin, extra selected, 3-year-old straight, long, clean crown with long, fibrous roots. Under proper treatment, they force out with tall racemes, bearing the maximum number of large bells, free from decay at the bottom. The foliage is ample but not too abundant. **In cases of 1000 pips, at $13.00 per case.**

HOLSATIA GRADE. These are suitable for later forcing, or for cold storage purposes, and are highly recommended to seedsmen. Very fine selected 3-year-old Hamburg Pips, very heavy roots, extra strong growth. Will hold over well in cold storage and produce good flowers the following fall. **In cases of 2500 pips, at $30.00 per case.**

JACKSON & PERKINS CO., NEWARK, NEW YORK

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Winter Flowering Sweet Peas

We carry in stock, all the leading and up-to-date varieties, and have many testimonials as to quality and trueness of type. Write for our Spring Catalogue for varieties worth growing.

ARTHUR T. BODDINGTON, SEEDSMAN, 342 W. 14th St., NEW YORK CITY

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VALLEY

3-year HAMBURG

$11.00 per 1000

WM. ELLIOTT & SONS

NEW YORK, N. Y.

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

just arrived. Our usual high grade quality. Also cold storage pips.

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Send for our new and complete Spring 1910 Catalogue.

Full List Seeds, Bulbs, Plants.

H. H. BERGER & CO., 70 Warren St., New York

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Edward Reid, Fine Brides, Violets, Sweet Peas, Good Roses in all varieties, and all Seasonable Cut Flowers
WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa. at prevailing market prices. We have not had a chance to get out another price list.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Jan. 5, 1910.

	Per doz.
Beauty, Specials	$6.00 to $7.50
" Extra	4.00 to 5.00
" Medium	2.50 to 3.00
" Short	1.50 to 2.00
	Per 100
Killarney, My Maryland, Select	$15.00 to $20.00
" " Ordinary	4.00 to 10.00
Bride, Maid, Select	10.00 to 15.00
Ordinary	4.00 to 8.00
Richmond, Specials	20.00 to 25.00
" Select	10.00 to 15.00
" Ordinary	6.00 to 8.00
Carnations, Fancy	4.00 to 5.00
" Select	2.50 to 3.00
" Ordinary	1.50 to 2.00
Harrisii Lilies...per doz.. $1.50-$2.00	
Callas, ... per doz , $2.00 to 2.50	
Adiantum	1.00
Asparagus Plumosus, strings	50.00
" " sprays 50c	
" Sprengeri " 50c	
Smilax	15.00
Valley	3.00 to 5.00
Cattleyas.....doz. $9.00	
D. Formosum.....each, 40c to 50c	
Cypripedium.....each, 15c	
Gardenias .....doz. $3.00 to $5.00	
Violets, Double, Fancy	1.50
" Ordinary	1.00
Violets, Single, Fancy	1.00 to 1.50
" Ordinary	.50 to .75
Sweet Peas	1.00 to 1.25
Bouvardia	3.00 to 4.00
Yellow Daisies	2.00 to 3.00
White "	1.50 to 2.00
Mignonette	4.00 to 6.00
Pansies	.75 to 1.00
Snapdragon	1.00 to 1.50
Romans	1.50 to 3.00
Paper Whites	2.00 to 3.00
Trumpet Major	4.00 to 6.00
Campernelles	2.00 to 3.00
Freesias	4.00 to 8.00

St. Louis, Jan. 5, 1910.

	Per doz.
Beauty, Specials	$4.00 to $6.00
" Extra	2.00 to 3.00
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 3.00 to $8.00
" " No. 1	2.00 to 3.00
Richmond	3.00 to 8.00
Carnot	3.00 to 8.00
Ivory	3.00 to 8.00
Killarney	3.00 to 8.00
Carnations, Fancy	2.00 to 4.00
" Common	1.00 to 2.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets, Single	1.00 to 2.00
" Double	1.00 to 2.00
Romans	2.00 to 3.00
Paper Whites	2.00 to 3.00

seeds most commonly adulterated, and of the adulterants, with pictures of both, and concludes with the following summary:

"Serious and intentional adulteration of important forage-plant seeds is frequently practiced. Seed is sometimes misbranded.

"It is possible for purchasers to detect most kinds of adulteration or misbranding of farm seeds.

"In detecting adulteration it is necessary to know what kinds of seeds are subject to adulteration, the means employed in adulteration, and the distinguishing characters of both the crop and the adulterant seeds.

"A cheap magnifier suffices in distinguishing crop seeds from other kinds of seeds used as adulterants.

"A simple germinating test discloses the use of dead crop seed as an adulterant.

"The illustrations used in this bulletin were prepared especially to enable purchasers of farm seeds to distinguish seeds subject to adulteration and those used as adulterants.

"It is not the purpose of the bulletin to enable one to determine the extent of adulteration in each instance, but rather the more important fact of its existence.

"A little effort on the part of the purchasers of seeds directed to the detection of adulteration or misbranding will prevent many instances of crop failure.

"It is advisable to make tests for adulteration at home; otherwise the suspected seed may be sent to the Seed Laboratory at Washington or to the cooperative laboratories in Missouri, Nebraska, or Oregon. A report on the matter of adulteration will be made promptly and without charge."

Fancy Gardenias, Valley and Easter Lilies,
Choice Brides, Killarney, White Killarney and Maryland.
Open from 7:30 a. m. to 8 p. m.
Philadelphia Cut Flower Company Wholesale Flowers
We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA
Mention The Review when you write.

LILAC, Daffodils, White, Pink and Lavender Peas, Yellow Daisies, Mignonette, Violets and all Other Seasonable Flowers.
JOHN W. McINTYRE
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Wholesale Cut Flower Prices.

New York, Jan. 3, 1910.

	Per 100	
Beauty, Specials	$25.00 to	$40.00
" Fancy	15.00 to	25.00
" Extra	10.00 to	15.00
" No. 1	6.00 to	10.00
" No. 2	2.00 to	4.00
Bride and Maid, Specials	6.00 to	8.00
" " Extra	4.00 to	6.00
" " No. 1	3.00 to	4.00
" " No. 2	1.00 to	2.00
Richmond	2.00 to	15.00
Chatenay	2.00 to	15.00
Killarney	2.00 to	12.00
My Maryland	2.00 to	15.00
Orchids	40.00 to	60.00
Carnations, Common	1.00 to	2.00
" Select and Fancy	2.00 to	4.00
" Novelties	4.00 to	6.00
Chrysanthemums	10.00 to	25.00
Adiantum Cuneatum	.25 to	.50
" Croweanum	.50 to	1.00
Asparagus Plumosus, bunches	15.00 to	25.00
" Sprengeri "	10.00 to	20.00
Smilax	8.00 to	12.00
Lilies	8.00 to	12.00
Lily of the Valley	2.00 to	4.00
Gardenias	10.00 to	35.00
Violets	.50 to	.75
Callas	6.00 to	10.00
Cypripediums	10.00 to	12.00
Sweet Peas...per bunch, 5c to 10c		
Narcissus	1.00 to	2.00
Roman Hyacinths	1.00 to	2.00
Tulips	1.00 to	2.00
Stevia, bunch	$0.15 to $0.25	
Pansies "	.05 to .08	
Mignonette...per doz.	.50 to 1.50	
Daffodils	2.00 to	4.00

Milwaukee, Jan. 5, 1910.

	Per 100	
Beauty, Long	$40.00 to	$50.00
" Medium	15.00 to	30.00
" Short	8.00 to	12.00
Bride and Bridesmaid	4.00 to	10.00
Chatenay	4.00 to	10.00
Richmond	4.00 to	10.00
Killarney	6.00 to	10.00
Perle	4.00 to	10.00
Stevia	1.50 to	2.00
Carnations, Fancy		4.00
" Good	2.00 to	3.00
Valley		4.00
Asparagus Plumosus, strings		50.00
" " sprays		8.00
" Sprengeri "		8.00
Adiantum	1.00 to	1.50
Lilies...per doz., $2.00		
Ferns...per 1000, 2.00		
Violets	1.00 to	1.50
Sweet Peas		1.00
Paper Whites	2.00 to	3.00

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Wholesale Cut Flower Prices.

Buffalo, Jan. 5, 1910.

	Per doz.
Beauty, Specials	$6.00
" Fancy	5.00
" Extra	4.00
" Firsts	2.00
" Shorts	$0.75 to 1.00

	Per 100
Bride, Killarney and Maid, Special	$20.00
" " " No. 1	12.50
" " " No. 2	8.00
" " " Shorts	$ 4.00 to 6.00
Richmond	6.00 to 20.00
White Killarney	8.00 to 20.00
Maryland	10.00 to 20.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	12.50 to 15.00
Ferns per 1000,	$2.00
Galax "	1.50
Violets	1.00 to 1.50
Paper Whites	2.00 to 3.00
Stevia	1.00 to 1.25
Romans	3.00 to 4.00
Daisies	1.00 to 1.50
Sweet Peas	.75 to 1.00
Poinsettia	.15 to .25
Mignonette	3.00 to 5.00

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Killarney	$4.00 to $10.00
Richmond	4.00 to 10.00
W. Killarney	4.00 to 10.00
My Maryland	4.00 to 10.00
Maid	4.00 to 10.00
Bride	4.00 to 10.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	1.00 to 1.50
Violets, single	1.00 to 1.50
Sweet Peas	1.00
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.00
Ferns, per 1000, $2.00	

Extra Fancy billed accordingly

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Wholesale Cut Flower Prices.

Chicago, Jan. 5, 1910.

	Per doz.
Beauty, long stems	$5.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75

	Per 100
Bridesmaid, Special	$10.00 to $12.00
" Firsts	6.00 to 8.00
" Short	4.00 to 5.00
Bride, Special	10.00 to 12.00
" Firsts	6.00 to 8.00
" Short	4.00 to 5.00
Richmond, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8.00
" " Short	4.00 to 5.00
Killarney, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	4 00 to 6.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Seconds	4.00 to 6.00
My Maryland, Specials	12 00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Mrs. Jardine, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Cardinal	6.00 to 25.00
Perle	6.00 to 12.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.75 to 1.25
Sweet Peas	.75 to 1.50
Bouvardia	3.00 to 8.00
Stevia	1.50 to 2.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Cattleyas, per doz.	$6.00
Easter Lilies " "	2.00
Callas, per doz " "	2.00
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays, bunch	35c-75c
" Sprengeri "	25c-35c
Ferns, per 1000	$2.00 .25
Galax "	1.00 .15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz.	$1.50--2.00
Leucothoe	.75
Boxwood	$7.50 per case

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Wholesale Cut Flower Prices.

Pittsburg, Jan. 5, 1910.

	Per doz.
Beauty, Specials	$6.00
" Fancy	5.00
" Medium	4.00
" Short	$0.75 to 3.00
	Per 100
Bride and Bridesmaid, Fancy	$12.00
" " Medium	8.00
" " Short	4.00
Richmond	$ 8.00 to 15.00
Killarney	6.00 to 15.00
White Killarney	6 00 to 15.00
My Maryland	6.00 to 15.00
Carnations	4.00
" ordinary	1 50 to 3.00
Adiantum	1.00 to 1.50
Smilax	15.00 to 20.00
Valley	4.00
Lilies	20.00
Roman Hyacinths	1.50 to 4.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.00
Mignonette	3.00 to 5 00
Cattleyas	75.00 to 100 00
Daisies	2.00
Violets	1.00 to 1.50
Single Violets	.50 to .75
Trumpets	4 00
Callas	15.00

Cincinnati, Jan. 5, 1910.

	Per 100
Beauty, Extra	$25 00 to $50.00
" No. 1	15.00 to 35.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5 00
Killarney	6.00 to 8.00
Richmond	6.00 to 15 00
My Maryland	6 00 to 20.00
Kaiserin Victoria	6.00 to 15 00
Rhea Reid	6.00 to 15 00
Carnations	3 00 to 6 00
Asparagus Plumosus, strings	35.00 to 50 00
" " sprays	1.00 to 2 00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15 00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00

Boston, Jan. 5, 1910.

	Per 100
Beauty, Specials	$40 00 to $60.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2.00 to 3.00
Killarney	2.00 to 12.00
Liberty, Richmond	4.00 to 20.00
My Maryland	4.00 to 12.00
Carnations, Special	4.00 to 5.00
" Select	3.00
" Ordinary	1.50 to 2.50
Cattleyas	40.00 to 50.00
Lily of the Valley	2.00 to 4 00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50 00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.75 to 1.00
Lilium longiflorum	10 00 to 12.50
Violets	.75 to 1 25
Gardenias	20 00 to 30 00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1.50 to 2.00
Roman Hyacinths	1.50 to 2 00
Mignonette	2.00 to 6.00
Bouvardia	2.00 to 4.00
Callas	8.00 to 10 00
Yellow Narcissus	2.00 to 3.00
Stevia	.75 to 1.00

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Fancy and Dagger Ferns.....per 1000, 1.00
Green and Bronze Galax.....per 1000, .65

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Steady, weekly orders wanted all the year around for

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Direct from the grower at reasonable prices.

MARSH & SCHWEERS FLORAL CO., Bay City, W. S., Mich.

WE were pleased to receive some good orders the first week our advertisement appeared in the REVIEW.—W. G. MOULTON & SON, York Village, Maine.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

Wire Work

We are manufacturing Wire Work for Florists and have satisfied customers everywhere. Are you one of them? If not, send at once for our **free** illustrated catalogue.

We are also commission dealers in Cut Flowers and Green Goods and jobbers in all kinds of Florists' Supplies. American Beauties our specialty.

GILLETT & OHMER

Wholesale Florists

131 E. 3rd St., CINCINNATI, OHIO

Mention The Review when you write.

ROSES AND CARNATIONS

FANCY FERNS AND GALAX—High-grade Stock

ORDERS FILLED SATISFACTORILY

Detroit Cut Flower Supply House

Wholesale Commission Florist. H. V. Pearce, Pres.

6 Adams Ave. West, Detroit, Mich.

Home Phone 164. Bell, Main 974.

Mention The Review when you write.

The Munk Floral Co.

WHOLESALE GROWERS OF

Cut Flowers

Columbus, :: Ohio

Mention The Review when you write.

Everything a Florist Uses

The Denver Wholesale Florists Co.

1433-35 California Street

DENVER, COLO.

Mention The Review when you write.

J. B. MURDOCH & CO.

714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

SEND FOR LIST.

Mention The Review when you write.

The McCallum Co.

Wholesale CUT FLOWERS

and Florists' Supply House

937 Liberty Ave., PITTSBURG, PA.

Mention The Review when you write

PACIFIC COAST.

PORTLAND, ORE.

The Market.

Climatical conditions last week were favorable to the florist, as the weather was clear and cool, which brought out the plants and flowers in fine shape. All preparatory work for the holiday rush was managed in fine order. Christmas business started out brisk and was continuous until the curtain was rung down on the scene. The demand for plants and flowers was far in excess of former years and the enthusiasm of the public in general seemed to be aroused to a greater degree, even in the humblest homes.

Carnations were scarce, with an unusual demand, retailing from $2 to $2.50 per dozen, and only the regular customers were taken care of. Roses were of fine quality and readily cleaned up at top prices. Mums were in unusual demand and prices ranged from $6 to $9 per dozen. Poinsettias, as cut flowers, were extensively used for decorative purposes with stunning effects. Violets and orchids were the popular corsage effects for particular people, and valley also was in great demand. In fact, when the mist cleared away, not a flower was to be had in any of the shops. Azaleas, poinsettias, cyclamen and Lorraine begonias about totaled the blooming plants and were cleaned out at top prices, with a few exceptions. While the poinsettia was the most in demand, yet its popularity is on the wane, but the question arises: "What will be substituted?"

Various Notes.

The Tonseth Floral Co. reports business beyond expectations, with everything sold out clean at good profits and the work so arranged as to require less help. Azaleas and poinsettias were considered the best sellers, although local grown violets and carnations were considered the most profitable in cut flowers.

Clarke Bros. report business far in excess of former years, the increase being about twenty-five per cent. Cut flowers of all descriptions were cleaned out at top prices and a special feature of basket arrangements and fancy pottery met with general favor among the flower-loving public.

Martin & Forbes express entire satisfaction at the outcome, with a surprising increase in profits and volume of business. Everything of value was sold. Poinsettias and ericas, as a window display, created unusual comment.

Max Smith says it was a landslide, with the results far in excess of expectations, everything sold out clean and not enough to go around. E. R. C.

LOS ANGELES, CAL.

The Market.

The first three days of Christmas week were rainy, but after that the weather was ideal, Christmas day being warm and sunny. Trade was light until a few days before Christmas, when it came with a rush, as usual, and everyone had more than he could do.

In plants, azaleas took the lead, but many spiræas and cyclamens were sold. Hampers and made-up baskets also sold exceedingly well. On account of the scarcity of cut flowers, there was a good call for all kinds of plants, which brought good prices. Tons of California holly were sold, and quantities of northern and eastern holly also. The mistletoe was fine and heavily berried. Most of the Gloire de Lorraines seen in this market were poor, being tall and spindling, with a superabundance of stakes showing. Some of the florists do not handle them at all.

Carnations in the stores sold from $1.50 to $3 a dozen; on the street stands, field-grown ones at 50 cents and 75 cents. In roses, Chatenay and My Maryland sold at $3 to $5 a dozen; Beauties, $10 to $18. Violets brought 25 cents a bunch. A few sweet peas were seen at 25 cents a bunch. Poinsettias were in great demand, selling at $3.

Various Notes.

Mr. Walters, of The Angelus, says, "Biggest Christmas we ever had. We haven't got over it yet. We could not wait on all of our customers."

Wright's Flower Shop never had so good a trade and was more than satisfied. They have the first Easter lilies seen in this market.

Morris Goldenson reports the best trade for years. The best grade of cut flowers sold first. The call was about equal for plants and flowers.

The Florist had a fine trade, cleaning out both plants and cut flowers in both stores.

The Redondo Floral Co. says, "Excellent sales. Plants had first call. Cut

Rooted Carnation Cuttings

Taken from plants grown in the open field the year round. Ready for immediate delivery.

PINK	Per 100	1000
Winona, light pink	$3.00	$25.00
Enchantress, shell pink	1.80	15.00
Winsor, light pink	1.75	12.00
Rose-pink Enchantress	1.50	12.00
Nelson Fisher, cerise	1.25	10.00
Mrs. T. W. Lawson, cerise	1.75	15.00
CRIMSON		
Harlowarden	1.40	12.00
YELLOW—Eldorado	1.50	12.00

RED	Per 100	1000
Beacon	$2.25	$20.00
Victory	1.75	15.00
Red Lawson	1.25	8 00
Estelle	1.15	12.00
WHITE		
White Perfection	2.25	20.00
White Enchantress	2.25	20.00
White Lawson	2 00	15.00
Flora Hill	1.50	

Asparagus Plumosus Nanus, 2½ to 3-in. pots, $15.00 per 1000, f. o. b.

25 of any one variety, at 100 rate; 250 of any one variety, at 1000 rate. Express charges prepaid on all orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$1 80	$15.00
Rose-pink Enchantress	1.50	12 00
Mrs. T. W. Lawson	1.50	12.00
White Enchantress	2.25	20.00
White Perfection	2.25	20.00
White Lawson	$2.00	$15.00
O. P. Bassett	4.00	35.00
Beacon	2 00	18.00
Victory	1.75	15 00
Gov. Roosevelt	1.40	12.00

Express charges prepaid on all orders amounting to $5.00 or more.

BASSETT'S FLORAL GARDENS, Loomis, Cal.

Mention The Review when you write.

Etoile De France

The King Bee of Rich Red Hybrid Tea Garden

ROSES

Superfine field stock, second size, $5.00 per 100; first size, $10.00 per 100.

Send for price list other sorts — Teas, H. T's, H. P's. Also YOUNG ROSES.

California Rose Co., Pomona, Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $15.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6 00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3 00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1 50. Pentstemon Hybridus Grandiflorus, tr. pkt., 25c; oz., $1.00 Pentstemons, Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in.. buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

GIANT BAMBOOS

In Quantities

The plant that brings in the money, because it is an attractive feature in any garden.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

THE HOME OF
HIGH-GRADE, WATERPROOF
Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.**
Samples and prices sent on application.

A. A. ARNOLD
16-22 S. Peoria Street, CHICAGO, ILL.

Mention The Review when you write.

flowers very scarce. We are greatly pleased with Christmas trade.''

J. W. Wolfskill had a splendid trade on both cut flowers and plants. He did not raise the prices at all. He sold many boxes of pansy plants and growing valley. Many beautiful hampers of plants were seen here. About 200 boxes of prepared orange blossoms were sold to send east. He had several orders booked early for New Year's decorations.

At The Rosery everybody wore a satisfied look. They carried a big stock, but by 10 o'clock Christmas morning had sold out everything in the line of Christmas flowers and plants.

The American Florist reports a banner Christmas, with many decorations booked for the following week.

H. N. Page, wholesaler, sold everything in the flower line, and could have sold much more if he could have procured it. S. A. C.

SAN FRANCISCO.

The Market.

Christmas has come and gone and from all accounts the sale of stock, in the aggregate, was quite up to that of last year, although the amounts were much smaller individually. The heaviest demands were for ferns, palms and flowering plants in pots. This was owing to the fact that we had been blessed with several weeks of bright, sunshiny weather prior to Christmas day, and as the result flowers were brought into town in such large quantities and were offered at such low prices that, when the final test came, the flower buyers preferred to purchase something different from the ordinary and a great run on plants was the result. Every well grown palm, fern or flowering plant was sold and these, together with poinsettias, made up the bulk of a large percentage of the orders. Violets were in great demand, and the retailers have justly criticised the stand taken by the growers during the holidays. Owing to the fact that there was a heavy demand for out-of-town shipments for this popular flower and it being possible to receive, for this occasion, a better price than the San Francisco florists were able to pay, a great majority of the stock was shipped out of town. This worked quite a hardship on the retailers and many complaints have been heard.

With carnations and roses, the supply was heavy; in fact, quite a few more were brought into town than the occasion demanded. Valley was rather scarce and proved to be an excellent seller. A few freesias, narcissi and daffodils were seen and these, together with quantities of cut poinsettias, made up the bulk of the flowers. At the time of writing the demand for New Year flowers was easily equal to the supply, and although the

[Concluded on page 80.]

If you sell or ship small plants
Why Not Use Paper Pots?

Prices in lots of 5000, shipped flat
2-inch, 60c per 1000; 3-inch, $1.00 per 1000; 4-inch, $1.50 per 1000

Here is an unsolicited testimonial from a florist:

P. B. CROSBY & SON.
Dear Sirs:—Ship me by express 2000 3-in. paper pots. I enclose check for $2.75 to cover cost of same. Your pots are fine. I have been using them and I am just out. Please rush. Respectfully, WYTHEVILLE FLORAL CO.

—and you will like them just as well

Don't shy at these pots because you have to fold them. We include free a most ingenious device for rapid folding. The Garden editor of the Farm Journal says of them:

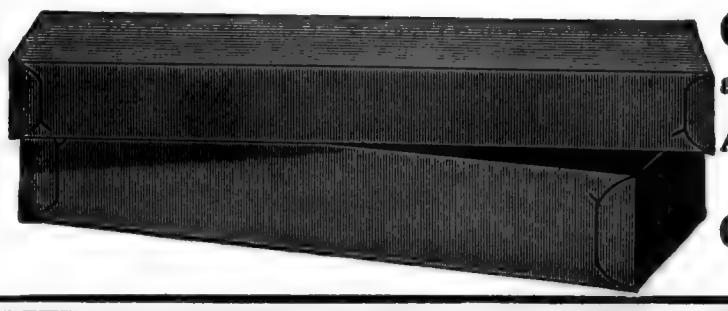
"Folding the pots is a simple matter. An active boy or girl with a little practice could fold several thousand a day."

Special Offer

Cut out this adv. or mention Florists' Review. Send us $5.00 and we will ship anywhere east of the Mississippi, 5000 3-inch pots.

P. B. CROSBY & SON
Catonsville, Baltimore, Md.

Mention The Review when you write.



Cut Flower and Design Boxes
All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

Cut Flower Boxes
WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3⅛x5x30	3.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO



Mention The Review when you write.

"Florists' Favorite" Cut Flower Boxes
Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12 00
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more. Orders west of the River we pay freight to River points.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

W. B. OTWELL, Carlinville, Ill., says he is going to quit the nursery business because his time is fully occupied with other things.

THE Washington Street Nursery Co., of Geneva, N. Y., has certified to the Secretary of State that it has changed its name to the Ontario Nursery Co., Inc.

THE nurseries that have established landscaping departments find it more difficult to get competent help than to get orders. The number of small contracts is multiplying with great rapidity.

THE American Horticultural Co., Chicago, has been incorporated with $5,000 authorized capital stock to do landscape gardening and to deal in horticultural products. The incorporators are John C. Abbott, William H. O'Brien and J. W. Butler.

THE parking commission of New Orleans, La., has accepted the city's tender of eight acres of ground near the Melpomene pumping station, to be used as a municipal tree nursery. Edward Baker, ex-superintendent of Audubon park, has been appointed superintendent of the nursery, with a salary of $150 per month.

THEY call D. S. Lake the Phil Armour of Shenandoah, out in Iowa. The Lake Nurseries, which are now the largest industry of the town, were established in 1870, on what was then prairie land, located on the hillsides south of the famous Nishnabotna valley. Starting with only a few acres of land and no improvements to speak of, the business has grown under the same management to a plant of over 600 acres, with every modern equipment. Business was very heavy last fall, although muddy weather at times forced all the hands from the fields to the indoor work. The pay roll last week was ninety-nine. They are shipping stock right along. Immense quantities of apple seedlings go to the great apple growing valleys of Oregon, Washington and Idaho.

GERMANS SET MINIMUM PRICE.

The Confederation of German Nurserymen sets a minimum price on fruit trees, and the plan works so well that it is purposed to extend the list.

At a meeting at Dresden it was stated that the circle of the branch societies is now complete for the whole of Germany. In Baden the union of the traders had become loosened, but under the direction of a more energetic president, a fresh start has been made, and forty-five members announced their adhesion at once. The Alsatians joined the Confederation, but the Lorrainers refused to join it. The business done at the central station with the single branches is steadily on the upgrade. Difficulties are examined, disputes adjusted, differences of opinion made clear; questions concerning every branch of nursery work and management come constantly under its purview.

Referring to the question of minimum prices for nursery articles, H. Sternbrockhau stated that the minimum price arrangements had withstood the test during the last two years, and proved its value. A book furnishes price lists of articles hitherto in force, and likewise a proposed lowest price list for fruit trees, fruit bushes, shrubs and avenue trees, in three classes; also a list of Union prices for sale to retailers.

MANURE FOR RHODODENDRONS.

I have read J. W. B.'s interesting article on rhododendrons and, like him, would be glad to know more about the parasitic plant that grows on the roots and is killed by any manure applied. The finest lot of rhododendrons it was ever my privilege to see in England, that country where rhododendrons revel, were planted in loam to which was added a little peat and plenty of moss litter manure. The growth made by these plants was simply marvelous, and they were and are the envy of all who behold them while in bloom.

The old theory about the indispensability of peat for these plants is long ago shattered, and it has been proven time and time again that they will grow fully as well in good loam, especially if

New York State Grown Roses
GENERAL VARIETY OF NURSERY STOCK
W. & T. SMITH COMPANY
63 Years GENEVA, N. Y. 800 Acres
Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE USN CO.
The United States Nursery Co
RICH, Coahoma Co., MISS.
Mention The Review when you write.

POT GROWN
Hydrangea Otaksa
Satisfaction or Your Money Back. Satisfaction or Your Money Back.
5-inch, fine stock...$15.00 per 100
4-inch, fine stock... 10.00 per 100
THE CARL HAGENBURGER CO.
West Mentor, Ohio
Mention The Review when you write.

Grape Vines
All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.
T. S. HUBBARD CO., Fredonia, N. Y.
Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) Seedlings
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.
Mention The Review when you write.

FOR IMMEDIATE DELIVERY
ROSES
Dormant, field-grown, on own roots.
Sweetheart T. Blumschen La Fiamma
Trier Lady Gay Debutante
Dorothy Perkins Hiawatha
12c each
Tausendschon Barbier 20c each
Clematis Paniculata, field-grown, 1-year, 6c each
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $3.00 per 100; $25.00 per 1000
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100
Write for our special prices on Hardy Shrubs.
THE DINGEE & CONARD CO.
WEST GROVE, PA.
Mention The Review when you write.

Peonies a Specialty
Write us for latest price list
PETERSON NURSERY,
Stock Exchange Building. CHICAGO.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.
Mention The Review when you write.

Get in on ROSES
From early summer propagation on own roots. Booking orders now for winter and spring delivery.
THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO.
Mention The Review when you write.

CARNATION DOROTHY GORDON

This wonderful new Carnation, a seedling of Lawson on Enchantress, is a money-maker for the commercial grower. It possesses all the strong points, without the weaknesses, of the parent varieties. Its unusual size, averaging 3 inches in diameter, clear, rose-pink color, strong constitution and excellent keeping qualities, commend it to all enterprising growers, together with the fact that it has regularly produced double the profits of Enchantress.

The Success of the Year.

Visitors at our establishment, and propagators who have given it a trial, speak of Carnation Dorothy Gordon in terms of the highest praise.

Most Profitable of All the Carnations.

We offer strong rooted cuttings of this splendid Carnation at the popular price of **$10.00 per 100; $75.00 per 1000.** Orders are being booked daily and will be filled in strict rotation. Don't delay, but get in your specifications **NOW.** Come to Wyncote and see it growing, it's a great sight. If you cannot do that, write us for full particulars.

JOSEPH HEACOCK CO., Disseminators, Wyncote, Pa.

Mention The Review when you write.

of a fibrous nature, if to the same is added some partially decayed leaf-mold, coarse sand and well-decomposed cow dung.

Some five or six years ago I had occasion to plant two beds of that well-known variety, delicatissima. In one bed loam, leaf-mold, sand and a liberal admixture of decayed cow manure was used. In the other no manure was used. These beds show in a conclusive manner the value of manure, for the one in which it was used is so incomparably superior that a child would note the difference. A liberal surfacing of manure last spring toned up the weaker bed somewhat, but it is still far behind the other one.

More rhododendrons are doing unsatisfactorily from root starvation than any other cause. Many people cling to the idea that they should not have manure, and think that a few leaves bedded around them each fall should provide all the necessary food. A generous top-dressing of good manure is the crying need of half the rhododendrons planted. A thick mulch of leaves in summer should always be provided. During long, dry spells it may be necessary to pull these aside and apply some water. Before giving the heavy winter mulch, if the roots are at all dry, they should have a thorough soaking. If we get freezing-up weather following such an unusually dry fall as we experienced in New England last season, there will probably be little percolation to the roots for months. Biting, frosty winds in late winter and hot suns raise havoc with quantities of plants when the roots are too dry. Dryness at the root is a more common cause of deaths than winter's cold.

All this bugaboo about a "parasitic plant" may be dismissed as so much moonshine, and he or she who would achieve success in rhododendron culture does not need peat, but the judicious use of manure, liberal mulching and plenty of water are necessities. Our principal cause of worry of late years has been the Japanese lace-wing bug, which has caused widespread havoc in many collections. Even today many people do not know it and attribute the discoloration and falling of leaves to red spider. A trifling examination shows them their error. Persistent spraying may keep it in check, but does not exterminate it. We are willing to risk killing the parasites with manure if we can only discover a sure cure for the lace bug pest.

W. N. CRAIG.

GRASSHOPPERS.

Kindly let me know what is the best way to get rid of grasshoppers or crickets, such as I send under separate cover. Are they poisonous, or do they do any harm to plants? The way I have been getting rid of them so far was to use stale beer, or often they get into pots and I put them out in the cold, where they are soon frozen. A. W.

The specimens forwarded were so badly crushed that it was impossible to determine what they were. Grasshoppers and crickets are not harmful under glass, especially at this season. They will eat a good deal of foliage during hot weather, but are generally more destructive outdoors than under glass. Fumigation and hand-picking should clear them out. We have not heard that either of the insects named is poisonous in any way. C. W.

Apple Seedlings

We have some surplus, both AMERICAN and FRENCH grown.
All grades for grafting and budding.

Imported Fruit Tree Stocks

Now arriving—Cherry, Pear and Plum stocks.
ALL GRADES.

APPLE GRAFTS PIECE AND WHOLE ROOT
ORDER QUICKLY

Also a complete line of General Nursery Stock; mostly in storage.
Send List for Prices.

WANTED—APPLE SCIONS

Shenandoah Nurseries
D. S. LAKE, Prop. SHENANDOAH, IOWA

Mention The Review when you write.

EVERGREENS

Large stock, both seedlings and transplants, of Spruce, Pines, Firs, Cedars, Arbor-Vitæs, Hemlocks, Junipers, Yews. Millions of seedlings, also fine stock of specimens in larger sizes.

FOREST TREE SEEDLINGS

Immense stock of Catalpa Speciosa, Black Locust, Maples, Oaks, Lindens, Beech, Chestnut, Ash, Walnut, Elm, Box Elder, Birch, European Larch.

Advance Price List now ready.

D. HILL, Evergreen Specialist, Dundee, Ill.

Mention The Review when you write.

Lilacs Charles X and Marie Legraye.
Deutzia Lemoinei, pot-grown, in fine condition.
Boxwood and Bay Trees, for immediate or spring delivery.

Orders booked now at inviting prices. Write to

F. W. O. SCHMITZ
Importer, PRINCE BAY, N. Y.

ST. LOUIS.

The Market.

Since Christmas the market has been steady, but nothing rushing, as New Year's trade is not nearly so large as Christmas. Still quite a good business is reported by the uptown florists, where cut flowers sold well, but at prices not nearly as high. The weather was just the opposite of a week ago, and it was warm like a spring day, which made transient business good. It also made good business for the cemetery florists, who a week ago were all snowed in, with the glass down to zero. Our wholesalers were well supported with cut stock all week, with plenty of everything in season, except violets, which sold up clean every day.

Carnations were more than enough, with the top price at $4 per hundred for choice fancies. There was a great amount of fine stock in, but the bulk of it was in the poor grades. Roses have been selling well all week, with hardly an oversupply any day during last week. The price on these is also down a few cents. Long, fancy Beauties are down to $5 and $6 per dozen, and plenty of them in all grades. In bulbous stock, Romans, Paper Whites and valley are most plentiful, there being more than the demand can use at present. A few late chrysanthemums came in for the holidays, but had no demand.

From now on until Lent there should be much social activity, as several of the west end florists have a number of these events booked ahead.

Various Notes.

E. W. Guy, of Belleville, called on the trade last week and reports a good Christmas business for the Belleville florists. The bad weather, as in all other places, kept the business down somewhat.

Charles Schoenle, of the Schoenle Floral Co., says that his firm had a splendid Christmas trade and did well New Year's.

Max Herzog has about completed his new place at California avenue and Sidney street. Mr. Herzog expected to open before New Year's, but will hardly be open for business before the last of this month. The place looks attractive, and he should do well from the start, as he will have little competition in this neighborhood.

Dr. Louis Krautter, professor of botany in the University of Pennsylvania, who froze to death in a New Jersey blizzard last week, was well known here. His wife was the daughter of W. H. Brockman. The funeral took place in Philadelphia Friday, December 31.

William Bouche, one of our best landscape gardeners, will visit New York at an early date to make plans for laying out a big estate. Mr. Bouche is one of the few artists in his line of work.

Frederick L. Bruenig, father of Mrs. Henry Berning, died, after a long illness, Wednesday, December 29. Further particulars will be found in the obituary column.

Otto Sanders, one of the newest downtown florists, located in the Maryland Hotel building, says his first Christmas business was more than he expected. Mr. Sanders sent out some neat advertising matter.

Ostertag Bros. had a few fancy club decorations for New Year's callers, which kept them quite busy during the holiday week. A large, fashionable wedding is booked for this month.

Announcement

By arrangement with Messrs. Patten & Co., all future orders for **Shasta** will be filled and shipped from Indianapolis. To save time in getting your order booked you should send your order direct to us. By the way, you had better send in your order if you want early February cuttings.

Come and see it growing and be convinced that **Shasta** is the greatest money making White Carnation today. Has averaged 8½ blooms per plant by Jan. 1. We invite the closest inspection.

$12.00 per 100; $100.00 per 1000.

SEND FOR OUR PRICE LIST OF NEW AND STANDARD VARIETIES

BAUR & Smith, 38th St. and Senate Ave., **Indianapolis, Ind.**

Mention The Review when you write.

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted,
Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.
If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2 00	$18.00
White Enchantress	3.50	30 00
White Perfection	2.50	20 00
White Sarah Hill	4.00	35 00
Pink Lawson-Enchantress	2.50	20 00
Pink Lawson	2.00	15.00
Rose-pink Enchantress	3.50	30 00
Red W. H. Taft	4 50	40.00
Red Beacon	3.00	25 00
Red Victory	2.50	20 00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS

514 Asbury Ave. EVANSTON, ILL.

Mention The Review when you write.

Carnation Cuttings

Beacon, Enchantress, White Enchantress, White Perfection, Winsor	$2.50 per 100; $20.00 per 1000.
Winona, Lawson-Enchantress	$3.00 per 100; $25.00 per 1000.
Georgia	$5.00 per 100; $40.00 per 1000
Pink Delight	6.00 per 100; 50.00 per 1000

WHITE BROTHERS, Gasport, N. Y.

Mention The Review when you write.

CHRYSANTHEMUMS
AND
ASTER SEED

All the leading kinds best suited to Florists' use.

Elmer D. Smith & Co.

ADRIAN, MICH.

Mention The Review when you write.

NEWBURGH FLORAL CO.

Rooted
Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

Enchantress	per 1000,	$15.00
W. Enchantress	"	18.00
Kingston Pet	"	18 00
Beacon	"	18.00
White Lawson	"	12 00
Winsor	"	12.00

Send your orders for Dec., Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.

NEWBURGH, N. Y.

Mention The Review when you write.

President George B. Windler will use every effort to have a large attendance at the New Year's meeting of the Florists' Club, which takes place Thursday afternoon, January 6. The club's trustees have been ordered to make every meeting this year interesting. Therefore the members will have no excuse for not attending the next one, so New Year's resolutions are now in order for the members to attend all of the meetings in the new year. J. J. B.

NEW
SEEDLING ROSE
Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

CHAMPAIGN, ILL.

President Ed. Gullett, of Lincoln, Vice-president George Franks, of this city, and other members of the executive committee of the Illinois State Florists' Association met at the University Club December 27 to discuss plans for the meeting of the association, to be held at the university in February. Members of the faculty of the horticultural department of the college of agriculture were included in the conference and, while no definite program was made up, plans for the convention were outlined so that arrangements may now be completed expeditiously.

The convention is to be held February 15 and 16, and will be attended by prominent florists from all parts of Illinois. In connection with the meeting will be a trade exhibition. On the evening of January 15, if the tentative plans are followed, a banquet will be held.

The meeting at the university will be of more than ordinary interest to the florists, inasmuch as their interest centers in a large degree in the experiment greenhouses at the university, which were established at the instigation of the association. An advisory committee appointed by the association operates in conjunction with the university in conducting experiments.

The executive committee will hold another meeting in Chicago sometime in January to make more definite plans. Messrs. Washburn, of Bloomington, and Ammann, of Edwardsville, were other members of the executive committee present. H. B. Dorner represented the university.

GALESBURG, ILL.—Holiday trade at I. L. Pillsbury's was a little better than a year ago. There was plenty of cut stock, except red carnations and red roses. The demand was principally for nice bedding plants.

BEAUMONT, TEX.—C. J. Axleson, of the Southeast Texas Floral Co., has had such excellent results with carnations that he asserts he has answered in the affirmative that frequently asked question: "Can the carnation be grown successfully in the gulf states?"

MALTA, O.—W. C. Scovell's trade during 1909 has in most respects been the best in all his experience. He has recently spent several hundred dollars in improvements, and his place is now in first-class condition. He thinks it will be necessary to enlarge his range in the near future, however, in order to take care of the increasing business.

Young Grafted Rose Plants

Ready March 15

White Killarney, 2½-in.....per 100, $12.00
My Maryland, 2½-in..... " 12.00

O. P. BASSETT RED CARNATION

Rooted cuttings.....per 100, $6.00; per 1000, $50.00

Kaiserin

Bench plants, now ready for shipment, two years old and over.....per 1000, $50.00

Our rooted cuttings and young rose plants have a national reputation for choice quality and careful packing.

Bassett & Washburn

Office and Store, 76 Wabash Ave., Chicago
Greenhouses, Hinsdale, Ill.

Mention The Review when you write.

Rooted Carnation Cuttings

FOR IMMEDIATE DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

Whitmani Ferns

Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.
Scholzeli Ferns, from 2½-in., $5.00 per 100.
Boston Ferns, 2½-in. pots, $3.00 and $4.00 per 100.
Camellias, Campbell and Chandlerii, in bloom, $1.25, $1.50 and $2.00 each.

ANTON SCHULTHEIS, College Point, L. I.

Mention The Review when you write.

PRIMULA
Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

Mention The Review when you write.

SANGAMO The New Pink Carnation

Everyone who has seen **Sangamo** growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it **now.** Price, $12 00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN, Springfield, Ill.

Mention The Review when you write.

INDIANAPOLIS.

The Market.

The holidays are over and everyone is glad to get down to regular business again. In most cases the holiday business was more than satisfactory, as stock was fairly plentiful and brought top-notch prices. Numerous parties during the week called for many decorations and no end of flowers as gifts. Corsages were quite popular, calling for great quantities of violets, orchids, valley and peas.

Various Notes.

The annual meeting of the State Florists' Association of Indiana will be held in the Commercial Club rooms, Tuesday, January 11. The election of officers for the ensuing year and the spring show are on the program, also an exhibition of blooms. The meeting will be followed by the usual banquet.

Baur & Smith report a most successful holiday business, this firm having enjoyed an enormous cut of carnations.

The advance guard of the Hollanders arrived last week.

A. A. Warner, formerly manager of the A. A. Warner Floral Co., has taken a position with the Indianapolis Flower & Plant Co.

John Heidenreich had a fine lot of azaleas for Christmas.

The Smith & Young Co., of Cumberland, Ind., has been cutting some excellent Brides and Maids. This firm has also sent in some fine Cattleya Trianæ.

H. L. W.

Portland, Me. — L. C. Goddard has opened a branch store on Congress street, at the head of Park street. Mr. Goddard has a large range of greenhouses, conveniently located at Deering.

Oshkosh, Wis.—Though Fugleberg & Flister, of the South Side Flower Exchange, recently built another greenhouse, they are still unable to grow stock enough to supply their customers and find it necessary to buy considerable quantities of flowers nearly every week.

Lawton, Mich.—On the night of December 16 the boiler at George Allard's greenhouses was partly put out of service by a leak. By borrowing oil stoves from some of his neighbors, Mr. Allard succeeded in keeping the temperature high enough so that none of his stock was lost except a few rooted cuttings. Temporary repairs were afterward made, so as to allow sufficient time for the selection of a new boiler.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Our Catalogue for 1910 is out and we wish to call attention to the many good things offered therein. As usual, we are making a specialty of grafted and own root Roses. We have arranged to graft 350,000 rose plants this year. We call special attention to the following:

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120 00
Own root	1.00	6 00	50.00
Richmond, Kaiserin, Bride and Maid, Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

We offer over 30 varieties of Roses and refer you to our catalogue for the complete list. If your name is not on our list, kindly drop us a postal card and we will be glad to mail you a copy.

Mention The Review when you write.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.

RICHMOND, INDIANA

Mention The Review when you write.

Snow White Sport of HELEN FRICK

Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.

Heavy stock plants.....$3.00 per doz.
Smaller " " ..... 2.00 "

HENRY EICHHOLZ, Waynesboro, Pa.

Ferns, Crotons,

Decorative Stock.

ROBT. CRAIG CO.

4900 Market St., Philadelphia, Pa.



An Everyday Cut of good stock is what counts. Start right by getting cuttings from the best stock in the market. These varieties will answer present day needs.

$3.00 per 100; $25.00 per 1000.

White Perfection. Full flower, immense size, prolific, on long, stiff stem.
White Enchantress. The true pure white stock; will be a leader for some time to come.
Winsor. The best pink in its color for general use.
Victory and **Beacon.** Two great reds of equal merit.
Lawson Enchantress. A great improvement on Lawson, larger flower and long stemmed.
Enchantress. Still the leader in its class.
Rose-pink Enchantress. We have the true stock.
Afterglow. An easy grower and popular variety.
O. P. Bassett. The latest red placed on the market. Per 100, $6.00; per 1000, $50.00.
Mrs. Chas. Knopf. A well colored Enchantress, grows freely on erect stem, a good acquisition. $6.00 per 100; $50.00 per 1000.

Place your orders with us and get select stock, carefully packed, and satisfactory returns for your investment.

C. C. POLLWORTH CO., Milwaukee

Mention The Review when you write.

CARNATIONS

Rooted Cuttings

Mrs. C. W. Ward
$12.00 per 100; $100.00 per 1000.

Alma Ward
$15.00 per 100; $125.00 per 1000.

Mrs. J. C. Vaughan, Bay State, Georgia and O. P. Bassett
$6.00 per 100; $50.00 per 1000.

White Enchantress, Beacon, Robert Craig, Afterglow, Enchantress, Rose-pink Enchantress and Harlowarden
$3.50 per 100; $30.00 per 1000.

New crop early flowering single Chrysanthemum seed and Gold Medal Pentstemons
at 25c and $1.00 per package.

Charles H. Totty
Madison, N. J.

YOU Will find all the best offers all the time in the Review's Classified Advs.

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of **White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat.**

BEACON. Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., **LA FAYETTE, IND.**

:: ROOTED CUTTINGS ::

Carnations

	100	1000
O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
White Perfection	2.00	15.00
White Lawson	1.50	12.50

Fine, Clean, Strong, Well-rooted Stock

Roses

	100	1000
Richmond	$2.00	$17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Killarney	2.50	20.00
Perle	2.50	20.00
Sunrise	2.50	20.00

Peter Reinberg, 35 Randolph St., Chicago

Mention The Review when you write.

ST. PAUL.

Belated Christmas Report.

Favored by Providence with ideal weather, Christmas trade broke all records. The goods were right, the buyers right and the weather right, so let us thank the all-wise Giver for the happy combination and hope that it may be repeated.

Greens sold well and everything in that line was practically cleaned out several days in advance. Nearly all the holly seen here was in good condition; bright, clean foliage and well berried. Bouquet green was scarce, but there seemed to be about enough for all requirements. The attitude of insurance companies with regard to this decorative material is shortening the demand as the supply decreases. Christmas trees, which in former years have been a drug, were all sold. Wild smilax was used in so many places that it may be considered a necessary holiday stock in future. Hemlock wreaths found ready buyers, while statice, ruscus and magnolia foliage were all in good demand. Red berries and mistletoe were all cleaned up, and boxwood wreaths sold at sight.

Plants were in greater demand than ever, and everything available was cleaned out. Poinsettias in pans were the best sellers, followed by cyclamens, azaleas, primroses, begonias and lilacs. Well-done peppers and cherries were easily disposed of. Ferns were in big demand, while some palms, as usual, went as gifts. Made-up, nifty baskets of plants sold well.

In cut flowers everything was in fine demand. Beauties were high in price and did not appeal to the best trade as strongly as fancy Richmonds and Killarneys. The greatest call, however, was for carnations and violets. Cut poinsettias were in great favor, and orchids found ready buyers.

The greatest handicaps to the trade here were the exasperating delays and "bobbles" of the express companies. Most of them were all at sea, and it was as easy for the camel to pass through the needle's eye as for the florist to find his flowers. Trains were eight to ten and twelve hours late, and many shipments were not delivered in twelve to eighteen hours after arrival, and opened up frozen stiff.

New Year's weather, trade and stock were a duplicate of Christmas on a smaller scale, and another high record resulted. The social season will now be in full swing until Lent begins, and the growers will be on needles and pins until Easter in the effort to get stock in bloom, so that a busy three months is anticipated.

NEW

CARNATIONS

The two prize-winning introductions of the Cottage Gardens

Mrs. C. W. Ward

Mrs. C. W. Ward is a perfectly formed flower, with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

Awards

Society of American Florists, silver medal, Boston, 1906; the Craig cup for best seedling, Philadelphia, 1906; the Lawson bronze medal, Washington, 1908; the Horticultural Society of New York, silver medal, sweepstake prize for best 100 blooms, New York, 1909; The Horticultural Society of New York, diploma for best new variety, New York, 19 9.

Price, Rooted Cuttings—$2.00 per 12; $12.00 per 100; $100.00 per 1000; $95.00 per 1000 in lots of 2500; 25 at the 100 rate; 250 at the 1000 rate.

Alma Ward

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

Alma Ward is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter on strong, erect stems, 36 to 42 inches in length.

Awards

The Lawson silver medal, Toronto, 1907 (no gold medal having been awarded); the Lawson gold medal, Washington, 1908; The Society of American Florists, silver medal, Washington, 1908.

Price, Rooted Cuttings—$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

Delivery Feb. 1. January cuttings all sold.

These varieties bring from $2.00 to $4.00 per 100 more than any other Carnation sold in the New York market.

Cottage Gardens Co., Inc.

Queens, Long Island, N. Y.

Mention The Review when you write.

Various Notes.

J. J. Karins, of H. A. Dreer, Philadelphia, was a recent caller. The Dutch bulb men are very numerous.

George Bates, formerly with Seekins, of Duluth, is now with Holm & Olson.

Carl Haugen did a thriving green and tree business.

X. Y. Z.

Fishkill, N. Y.—Benj. Hammond, secretary of the American Rose Society, has been hunting in the Wabigoon Lake district in Canada.

Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why You Should Grow SANGAMO

1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd —The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th -The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a set-back. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100.

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market.

WINNER OF FIRST PRIZE WHEREVER SHOWN.

Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

MARY TOLMAN

WINNER OF FIRST PRIZE AT MILWAUKEE.

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. Orders booked now for January 1910 delivery. **$12.00 per 100; $100.00 per 1000.**

A. E. HUNT & CO., EVANSTON, ILL. **CHICAGO CARNATION CO.,** JOLIET, ILL. **HUNT BROS.,** PARK RIDGE, ILL.

Mention The Review when you write.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3 50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Begonias,** $1.50 per 100. **Daisies,** white and yellow, $1 00 per 100. Express paid.

CASH WITH ORDERS

S. D. BRANT, Clay Center, Kan.

Always Mention the....

Florists' Review

When Writing Advertisers

Rooted Carnation Cuttings

Ready for January Delivery. Clean, Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85 00
Enchantress	2.00	18 00
Enchantress, Rose-pink	3.50	30 00
Enchantress, White	3.50	30 00
White Perfection	2 50	20 00
Beacon	3 00	25 00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.

24 N. Main St. - - - DAYTON, OHIO

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son

ACTO, N. J.

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery

Katalog for the asking.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg. PHILADELPHIA

A POOR CROP OF LETTUCE.

[Concluded from page 32.]

you to change the soil again at this time of year, unless you have a pile outside prepared for next year. So the only thing to do is to try to get that soil in better shape. Lettuce likes a sandy, loose soil, and I often add sand to the soil when mixing it if it seems heavy. You could get yours in better shape by spreading a layer of sand over the beds and mixing it in well with a good spading over. Then it would be well to put on a liberal coat of manure and turn it again, thus mixing it and loosening it thoroughly. If manure is not plentiful enough so that you can put on a good coating of it, some nitrate of soda would be good, but it is quite strong and should be sowed thinly, scattering it evenly, as if sowing grass seed.

If you fail to get good results after changing the soil in this way, you had better grow vegetable plants for spring sales or some other spring crop, but get a good pile of soil ready as soon as possible, to be used next year.

I would advise you to go at it quite differently next time. If your soil is sandy, you need not add more sand, but if not sandy, buy some to mix in. Select good, black, soft, fresh soil. To every three loads of soil which you haul up, put on a half load of sand and a load of good, fresh manure, and let it stay buried in the pile, to rot where its strength will not evaporate or wash away. Turn the pile over at least once in the summer. More than the above-stated amounts of both manure and sand would be beneficial, but it is far better to have the manure put in the soil several weeks or months before needed and use none at the time of refilling the beds. All you have to do then is to put in the soil and level it off for planting. H. G.

BEVERLY, MASS.—Larcom & Smith had a decoration for Samuel A. Gentlee when that gentleman entertained his Masonic friends.

PONTIAC, ILL.—W. J. Miller & Son have their new range of glass completed and are filling the houses with spring stock. They heat the plant with the Kroeschell new system, using the mercury seal generator.

GERANIUMS

We are HEADQUARTERS and offer the finest collection in AMERICA, from 2-in. pots, at $2.00 per 100, $18.50 per 1000; 250 of a kind at thousand rates.

For $18.50 we will send you 1000, 50 each of 20 distinct kinds, a collection on which we are willing to stake our reputation. A customer in writing this week says, "We used your Geraniums last year and had the finest collection we ever had, sold clean out, had nothing left for stock."

We have a splendid stock in 2-in. pots of the following, at $2.00 per 100: Double Lobelia Kathleen Mallard; Alyssum, Giant and Double; Lemon Verbenas; Fuchsias, 6 Varieties; Ivy-leaved Geraniums, 6 Varieties; Scented Geraniums.

Double Petunias, mixed colors, $3.00 per 100.

Canna Roots, home-grown, 1,000,000 good strong divisions, at $18.50 per 1000. King Humbert, $6.00 per 100; $50.00 per 1000.

New Geranium Price List is Now Ready

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

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Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY

The Orchid Nurseries, RUTHERFORD, N. J.

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ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.

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SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

Miscellaneous Stock

Excellent Quality

Azaleas, 6 and 7-in., $1.50 each.
Geraniums, 6-in., 35c.
Red Dracaenas, 3-in., 10c and 12½c; 6-in., $1.00.
Araucaria, 4-in., 4 and 5 tiers, 60c; 5-in., 5 and 6 tiers, $1.00.
Boston Ferns, 3-in., 5c; 4-in., 12c; 5-in., 25c; 6-in., 40c; 7-in., 90c; 8-in., $1.25.
Whitmani, 2¼-in., 4c; 4-in., 20c; 5-in., 30c; 6-in., 50c; 7-in., 90c; 8-in., $1.00; 9-in., $1.25; special, 3 in a pan, $1.25.
Plumosus Nanus, 3-in., 6c; 4-in., 10c; made-up plants, in 5-in., 35c; 6-in., 50c.
Sprengeri, 2¼-in., 2½c; 3-in., 4c; 4-in., 8c; 5-in., 15c; 6-in., 30c; 7-in., 75c.
Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tenuissimense, 2½-in., $3.50 per 100; 3-in., $6.00 per 100.

Cash or C. O. D.

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Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

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Choice Evergreens and Conifers, Shade and Ornamental Trees, Herbaceous Plants.

Large collection of Decorative Plants, such as PALMS, FERNS, BAY TREES, ETC.

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Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Clematis paniculata, strong plants from open ground, $10.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $6.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.
Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

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	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15.00
5-in. " "	25.00
7-in. " "	60.00
2½-in. **Whitmani Ferns**	5.00
2-in. **Asparagus Plumosus Nanus**	8.00
4-in. " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

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Palms, Plants, Orchids, Etc.

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Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

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Nephrolepis Elegantissima Compacta

Another New Fern Originating with us **Introduced fall 1909**

Of all the valuable introductions in ferns that we have sent out, beginning with the Pierson (Nephrolepis Piersoni), we consider the **Elegantissima compacta** the most valuable of all, particularly from a commercial standpoint.

While this resembles Elegantissima in a general way, it is far superior to that variety, on account of its perfect habit. Yet it can hardly be compared with Elegantissima in a general way, because it occupies a place by itself and is as distinct from Elegantissima as that variety is from Piersoni—in fact, it bears the same relation to Elegantissima that Scottii does to Bostoniensis. **Elegantissima compacta** has an ideal habit. The fronds are considerably shorter than those of Elegantissima, and it is a more compact plant. It throws a great many more crowns naturally, making a very bushy, dwarf, compact plant. The difference between the two varieties may be seen at a glance.

Fine, strong plants, 2¼-in. pots, **$5.00** per doz., **$35.00** per 100; 4-in. pots, **$7.50** per doz., **$50.00** per 100; 6-in. pans, **$1.50 each**; 8-in. pans, **$3.00** each.

We make a specialty of all kinds of **Nephrolepis,** carrying a large stock of all sizes at all times—Piersoni, Elegantissima, Superbissima, Bostoniensis, Scottii, Whitmani, Amerpohlii, etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

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Verbenas :: Verbenas :: Verbenas

The Season is now Open

OUR SELECTION

Rooted cuttings	$0.75 per 100;	$ 6.00 per 1000
Strong plants in 2½-in. pots	2.50 "	20.00 "

PURCHASER'S SELECTION

Mrs. Wm. Taft, Miss Wilmott, rooted cuttings	$1.00 per 100;	$ 9.00 per 1000
Rooted cuttings	.90 "	8.00 "
Strong plants in 2½-in. pots	3.00 "	25.00 "
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00 "	30.00 "

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

J. L. DILLON, :: Bloomsburg, Pa.

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Guaranteed Varieties. **ORCHIDS** Direct from Collector.

Cattleyas, Vandas, Oncidiums, Dendrobiums, Odontoglossums, Miltonias, Laelias, Phalaenopsis, Etc.

Commercial varieties in any **quantity.** Advance orders insure good plants and prompt delivery. Prices and standard have no equal.

1910 catalogue now ready.

G. L. FREEMAN, 388 Appleton St., Holyoke, Mass.

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Special Offer
GERANIUMS

2½-inch S. A. NUTT
$16.00 per 1000.

—Cash or C. O. D.—

H. S. HOPKINS, BINGHAMTON, N. Y.

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NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the continent of Europe: Your best means of doing this is to take in the

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Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade

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What Eugene Davis Says

Eugene Davis, of Grand Rapids, Mich., originator of Grand Rapids Lettuce and Davis' Perfect Cucumber, writes:

"The articles on Growing Lettuce by Mr. Waid and Growing Cucumbers by 'Grower' are worth ten years' subscription to a beginner."

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Manufacturers of STANDARD FLOWER POTS

No order too small to receive our careful attention

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PITTSBURG.

The Market.

A good Christmas was followed by a good week's business, a number of large decorations and many funerals taking up all the stock which came in. Stock, however, could not be plentiful, with a blizzard and snow storm coming every day, which was the case until Saturday, when the weather changed. As a result of the warmer weather and rain, the snow is about gone.

Great trouble has been experienced on account of the way the shipments of violets have been coming in. Christmas stock arrived at 6 p. m. on Friday. Then, after continued disappointments all the week, the violets that should have been used for filling orders on Saturday morning were not received until 3 o'clock in the afternoon.

Now it is dark and rainy, and the wholesalers are complaining that there is not enough stock to go halfway around.

The retailers all say it was a good New Year's, but that is not much better than a good Saturday in this city, except that there are always several balls, which help to keep the decorators on the jump.

Various Notes.

The committees are all waking up on carnation convention work, which the holidays stopped, and are getting ready to report at the club meeting.

P. S. Randolph has the sympathy of his many friends in the death of his mother, who died Wednesday, December 29.

CENTRALIA, ILL.—J. W. Ross has incorporated as the J. W. Ross Co. The authorized capital is $40,000, and the company is authorized to do business in flowers, seeds and nursery stock. The incorporators are J. W. Ross, J. E. Karnes and J. J. Bundy.

KEARNEY, NEB.—H. C. Green, of the Green Seed & Plant Co., reports that Christmas trade was twenty-five per cent better than a year ago. The demand was principally for carnations, with Victory and O. P. Bassett in the lead. The Bassetts were extra fine, having 4-inch to 4½-inch blooms and no splits. Roses were fair. Not only was everything cleaned up, but there was not enough stock to supply the demand.

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Standard Flower Pots
Price list and samples on application.
PADUCAH POTTERY CO., INC.
PADUCAH, KENTUCKY
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RED STANDARD POTS PRICES PER 1000 F. O. B. HARRISON
2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.
Cash must accompany order.
HARRISON POTTERY, Harrison, Ohio
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For "Pot Luck" Try Us
HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
World's Largest Manufacturers
Write for Catalogue and Discounts.
A. H. HEWS & CO., Inc., Established 1765 CAMBRIDGE, MASS.
Pearson St., LONG ISLAND CITY, N. Y. 452-460 N. Branch St., CHICAGO, ILL.
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KELLER POTTERY CO.
Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
213 to 223 PEARL STREET, NORRISTOWN, PA.
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THE FAMOUS IONIA POTS
STRONGEST, LIGHTEST, MOST POROUS.
Packed in strong, hardwood crates. Plenty of straw.
We solved the breakage problem years ago.
We are ready for that order NOW.
IONIA POTTERY CO., - - IONIA, MICH.
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Syracuse Red Pots
OUR AIM
To give the florists the best goods with prompt service at fair prices.
Our catalogue tells it all.
Syracuse Pottery Co.
SYRACUSE, N. Y.
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American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50

The American Woodenware Mfg. Co
TOLEDO, OHIO



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Kramer's Pot Hanger
For Sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.
I. N. KRAMER & SON, Cedar Rapids, Iowa
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All The Clay
for our
Florists' Red Pots
is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.
THE PETERS & REED POTTERY CO.
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We carry a complete line of Florists' pots.
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	Each
Areca Lutescens	
6-in. pot, 3 in pot. 24 to 26-in. high	$0.75
6-in. pot, 3 in pot, 26 to 28-in. high	1.00
7-in. pot 3 in pot. 30 to 32-in. high	2.00
Cocos Weddelliana	100
2½-in. pot. 8 to 10-in. high	$10 00
2½-in. pot. 10 to 12 in. high	15.00
Kentia Belmoreana	Each 12
5-in. pot, 6 to 7 lv., 18 in..100, $50.00	$ 6.00
6-in. pot, 6 to 7 lv., 22 to 24-in	$1.00 12.00
7-in. pot or tub, 6 to 7 lv.. 34 to 36-in.	2.50 30.00
9-in. tub, 6 to 7 lv 42 to 48-in., h'vy.	5.00
9-in. tub, 6 to 7 lv., 48 to 54-in.. h'vy.	6.00
Made-up Kentia Forsteriana	Each
7-in. pot, 4 in pot. 34 to 36-in	$2.50
7-in. pot, 4 in pot 36 to 38-in	3.00
9-in. tub 4 in tub, 42 to 48-in	5.00

JOSEPH HEACOCK CO., Wyncote, Pa.

FERNS

	Per 100
Boston, strong, 6-in., stock,	$40.00 to $ 50.00
Scottii, " " "	40 00 to 50.00
Piersoni, " " "	40.00 to 50.00
Whitmani, " " "	40.00 to 50.00
Todeaoides, " " "	40.00 to 50 00
Superbissima, strong, 6-in., stock,	100.00
" " 4-in., stock,	40.00
Strong, 4-in. stock of above varieties,	20 00

20 000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

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Be Sure and Read Our Adv. of

Miscellaneous Stock

in last week's issue. For this week we want to call your special attention to

FERNS

Boston, Whitmani, Plumosus and Sprengeri. If you are in a position to use any of this stock in any size from 2½-in. up, ready for a shift, we have an especially fine lot; 2½-in., 3-in. and 4-in., as well as the larger sizes. If you can use a quantity, we can make you a special price. Let us hear from you in regard to your wants. Watch next week for special ad for Easter.

GEO. A. KUHL, Wholesale Grower Pekin, Ill.

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Asparagus Sprengeri

2, 3, 4-in. ..... $2.00, $5.00, $10.00 per 100

Whitmani Ferns

4-in. ..... $10.00 per 100

Begonia Incarnata

Bud and bloom, 3, 4, 5-in., $6.00, $10.00, $20.00 100

NIXON H. GANO
Martinsville, Ind.

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FERNS FOR DISHES

Assorted varieties, 2¼-in. pots. $3.50 per 100; $30.00 per 1000.

Cash with order.

Frank Oechslin, 4911 Quincy St. Chicago, Ill.

Formerly Garfield Park Flower Co.

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Florists' Review

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CANNAS AND GERANIUMS

We have as good a list of Cannas for florists' use as can be found; strong 2 and 3-eye divisions. Northern grown Cannas, divided from the clumps just before shipping are far superior to stock shipped from the South. We firmly believe that Cannas divided early, packed in thin boxes and stored for weeks or months have lost much of their vitality before the grower gets them.

Beaute Poitevine, Crimson Bedder, Duke of Marlborough, Alphonse Bouvier, Egandale, Robert Christie, Florence Vaughan, Burbank, Papa Nardy, $2.50 per 100; $20.00 per 1000.

King Humbert, $5.00 per 100.

(Many other varieties, but the above are a few leaders.)

GERANIUMS—Let us have your order for Geraniums for immediate shipment or to reserve until you want them. Standard varieties like S. A. Nutt, Mme. Barney, John Doyle, Alphonse Ricard Beaute Poitevine, Mme. Landry, Berthe de Presilly, Marvel and La Favorite, $25.00 per 1000, for strong 2¼-in. pot plants.

Selections of 1000, in named varieties, our choice, all good sorts, $20 00 per 1000. Tell us how many varieties you wish; can send 50 if you want that many.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

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Plants for New Year's, Balls, Parties, etc.

Azalea Indica, in fine shape, in bud or bloom. Mme. Petrick, pink; Simon Mardner, pink; Deutsche Perle white; Vervaeneana and Apollo, red; 75c, $1.00, $1.25 and $1.50.

Azalea Indica, for Easter blooming, 10 best, well tested market varieties, full of buds, 50c, 75c, $1.00 $1 25 $1 50 to $2.00.

Araucaria Robusta Compacta, $1.50, $1.75 and $2.00.

Araucaria Excelsa, big stock, 25, 30 and 35-in. high $1 50. $1.75 and $2 00.

Kentia Forsteriana, 35, 40 to 50-in. high, $1.50, $2 00, $2.50 and $3 00 each; 4-in., 20c.

Kentia Belmoreana, 4-in., 25c; 3-in., 10c.

Cocos Weddelliana, 3-in., 15c.

Latania Borbonica, 4-in., 20c.

Areca Lutescens, made up, 5¼-in., 35c.

Asparagus Plumosus, 2½-in., 3c; 3-in., big, 6c; 4-in., 10c.

Asparagus Sprengeri, 3-in., 5c; 4-in., 10c.

Begonia Flambeau, 4-in., 15c.

Begonias, new improved Erfordii and Gracilis, in bloom, 5¼ in., 25c.

Ferns, Todeaoides, 5½, 6 and 7-in., 35c, 40c, 50c, 60c, 75c and $1.00. Dish Ferns, 2½-in., 4c.

Ferns, Wimsetti and **Victoriae** (silver leaf fern), 6-in. pans, 3 plants in a pan, very attractive, 30c per pan.

Cash with order, please. Please state if in or out of pots.
All plants must travel at purchaser's risk.

GODFREY ASCHMANN, 1012 W. Ontario Street, Philadelphia, Pa.

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FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.

Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.

Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c

Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7 in., 75c and $1 00.

Araucaria Excelsa, 50c, 65c, 75c each.

Araucaria Compacta, $1 25 and $2.00 each.

Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants $2.00 to $35 00 ea.

Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3 00, $5 00, $7 00 $8.00, $9 00 $10 00, $12.00 $15 00, $18.00 ea.

Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c 6-in., 75c.

Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

All my plants are in fine condition.

JOHN BADER

43 Ravine St., N. S., PITTSBURG, PA.

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American Everblooming **HYDRANGEAS**

1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis,** etc.

THE E. Y. TEAS CO., Centerville Ind.

DAHLIAS—GLADIOLUS

400 varieties of **Dahlias,** selections from the best the country affords.

Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

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Roland's Plants
In Excellent Condition

	Per Doz.
Oranges	$24.00 to $48 00
Ardesias	12.00 to 36 00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	3.00
Cyclamen	5.00 to 36.00
Azaleas	6.00 to 36.00
Poinsettias	3.00 to 15.00
Ericas	18 00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston

Thomas Roland
NAHANT, MASS.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100

2-yr.-old Peonies, $10 00 per 100.

J. Murray Bassett, Hammonton, N. J.

Classified Ad Department



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Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
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Agapanthus, sturdy field plants, 25c each, $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

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Ageratum Stella Gurney, R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

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Alternantheras, small, yellow. Rooted cuttings, 50c per 100; 2¼-in., 2c.
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Asparagus plumosus, strong plants, 2 and 3-in., $3.00 and $5.00 per 100. Sprengeri, 3-in., $5.00 per 100. Cash.
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Asparagus plumosus, fine, young stock, ready Jan. 1 to Aug. 1, $2.50 per 100. 40,000 of them. Samples on request.
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Exceptionally strong Asparagus plumosus, 2¼-in. pots, $2.50; 3-in., $5.00; 4-in., $10.00 per 100. Williams Floral Co., Bedford, Ind.

Asparagus plumosus, 2¼-in., $3.50 per 100. Sprengeri, 2¼-in., $2.50 per 100; 3-in., 5c; 4-in., 10c. Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus and Sprengeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus Sprengeri, strong, 2-in., $1.75 per 100; $15.00 per 1000.
Reeser & Youngstrand, Springfield, O.

Asparagus Sprengeri seedlings, $1.00 per 100; $7.50 per 1000.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2¼-in., strong, $2.50 per 100.
C. Winterich, Cyclamen Specialist, Defiance, O.

Asparagus plumosus nanus, 4-in., extra fine, large plants, $8.00 per 100.
Scharff Bros., Van Wert, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

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Asparagus Sprengeri, strong 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus plumosus nanus, 3-in., $4.00 per 100. Loyd C. Bunch, Fredonia, Kan.

Asparagus Sprengeri, 3-in. pots, $3.00 per 100. D. R. Herron, Olean, N. Y.

A. Sprengeri, 2½-in., 2½c; 2½-in. rose pots, 3c. M. M. Lathrop, Cortland, N. Y.

Asparagus Sprengeri, 2-inch, $1.75 per 100. W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., $3.00 per 100. Marion Floral Co., Marion, Ind.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

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Rex begonias in assortment, 2-in., $4.00 per 100; 2½-in., $6.00 per 100. Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
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REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Rex begonias, 2-in., $3.00 100, $30.00 1000; rubra, large plants, 2-in., $2.50 100.
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Otto Hacker, best flowering begonia, strong 2½-in., 4c. C. Nye, Alexandria, Ind.

Flowering, begonias, 8 kinds, R. C., $1.25 per 100. Byer Bros., Chambersburg, Pa.

Rex begonias, 2-in., strong, 3c.
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Giant var., 4-in., 8c; mail or exp., prepaid.
Gem Nursery, Los Gatos, Cal.

BOXWOOD.

Boxwood, bushy plants, 12 in. high, fine for pots and window boxes, $3.00 per doz.; $20.00 per 100.
The Storrs & Harrison Co., Painesville, Ohio.

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DWARF PEARL TUBEROSE BULBS
CALADIUM ESCULENTUM.
For immediate delivery.
Write for prices.
Z. J. CARTER & SON, WALLACE, N. C.

Bulbs. Special wholesale price list of native lilums now ready. Send for it.
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Giant var., outdoor grown, by mail, 1½c.
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CANNAS.

We have as good a list of cannas for florists' use as can be found; strong 2 and 3-eye divisions. Northern grown cannas, divided from clumps just before shipping, are far superior to stock shipped from the south. We firmly believe that cannas divided early, packed in thin boxes and stored for weeks or months, have lost much of their vitality before the grower gets them. Beaute Poitevine, Crimson Bedder, Duke of Marlborough, Alphonse Bouvier, Egandale, Robert Christie, Florence Vaughan, Burbank and Papa Nardy, $2.50 per 100; $20.00 per 1000. King Humbert, $5.00 per 100. Many other varieties, but the above are a few leaders.
The Storrs & Harrison Co., Painesville, Ohio.

Austria, Italia, Chas. Henderson, Pennsylvania, $1.30; Flor. Vaughan, Black Beauty and Chautauqua, $1.80. Strong, 2 to 5 eyes. Cash with order. Valdesian Nurseries, Bostic, N. C.

Will exchange Cinnabar, Papa Nardy, Pres. Viger, Louisiana, Paul Marquant, Mlle. Berat cannas for Black Beauty, Chas. Henderson, Duke of Marlborough, Cherokee, Niagara, St. Louis, Pres. McKinley, Pres. Cleveland, or Pres. Meyer cannas.
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500,000 CANNAS, 100 leading kinds, home-grown, $8.00 per 1000 and more. Price list free.
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Cannas, true stock. King Humbert, $4.00 per 100; Venus, $2.00 per 100. Divided roots.
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Cannas, very extra list, big stock. Send list. C. Betscher, Canal Dover, Ohio.

Cannas, a large asortment. Write for prices.
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STRONG, HEALTHY, WELL ROOTED CUTTINGS. NOW READY.

	100	1000
Georgia, best white	$6.00	$50.00
Harvard, crimson	4.00	35.00
Faust, Christmas scarlet	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	3.00	25.00
Winsor	2.50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00
Bay State	6.00	50.00
Victoria	4.00	35.00

REMEMBER WE GUARANTEE SATISFACTION.
James D. Cockcroft, Northport, L. I., N. Y.

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. C. W. Ward	$12.00	$100.00
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.50	30.00
Beacon	3.50	30.00
Robert Craig	3.50	30.00
Afterglow	3.50	30.00
Enchantress	3.50	30.00
Rose-pink Enchantress	3.50	30.00
Harlowarden	3.50	30.00

Chas. H. Totty, Madison, N. J.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (pink Perfection, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

SELECT, WELL ROOTED STOCK.

	100	1000
White Enchantress, Beacon	$3.50	$30.00
Rose-pink, W. Perfection	2.50	25.00
Enchantress, Winsor	2.00	20.00
White Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

Good stuff, more than worth the money.
Gullett & Sons, Lincoln, Ill.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

Carnations, strong, healthy rooted cuttings, ready now.
Lawson-Enchantress Enchantress
White Enchantress Lady Bountiful
R. P. Enchantress White Perfection
$2.50 per 100; $20.00 per 1000.
O. P. Bassett, $6.00 per 100; $50.00 per 1000.
KRUEGER BROS., TOLEDO, OHIO.

Well rooted carnation cuttings, ready now. Enchantress, white and rose-pink, $3.00 100; $25.00 1000. Enchantress, $2.50 100; $20.00 1000. Lawson, pink, $2.00 100; $15.00 1000. Cash with order. Marsh & Schweers Floral Co., Bay City W. S., Mich.

Carnations. White Perfection, Mrs. J. C. Vaughan, Alvina, Pink Delight, Afterglow, Lawson-Enchantress, Winsor, Lawson and O. P. Bassett. Write for prices.
Albert M. Herr, Lancaster, Pa.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Rooted carnation cuttings of Enchantress, Winsor, Lawson, White Lawson, W. Enchantress and White Perfection, $3.00 per 100; $25.00 per 1000. Now ready for delivery.
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Clean, healthy, rooted or unrooted cuttings of Lawson-Enchantress or Superior, at $3.00 per 100, to exchange for Winona, rooted or unrooted. Quality is our hobby.
W. C. Hill Floral Co., Streator, Ill.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, delivery after Jan. 1.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations. Queen and Boston Market, rooted cuttings, $2.00 per 100; $18.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

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CHRYSANTHEMUM STOCK PLANTS.

Monrovia	75c doz.;	
Oct. Frost	75c doz.;	
Rosiere	75c doz.;	
V. Poehlmann	75c doz.;	$4.50 100
A. J. Balfour	75c doz.;	4.50 100
T. Eaton	75c doz.;	4.00 100
Y. Eaton	75c doz.;	4.00 100
Dr. Enguehard	75c doz.;	4.00 100
Golden Age	75c doz.;	4.00 100
Maj. Bonnaffon	75c doz.;	4.00 100
Col. Appleton	75c doz.;	4.00 100

La Crosse Floral Co.,
P. O. Box 557, La Crosse, Wis.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

CHRYSANTHEMUM STOCK PLANTS. LAST CALL. Golden Glow, Pacific Supreme, White Cloud, October Frost, Polly Rose, Early Snow, Ivory, Byron, White Bonnaffon, Timothy Eaton, Nonin, Merry Xmas, Duckham, Dr. Enguehard, Monrovia, Geo. Pitcher, Bonnaffon, Yellow Baby, etc., 3c; $2.50 per 100. Poehlmann, 5c. Gloria, 10c; $8.00 per 100. Baby Margaret, 20c; $1.75 per doz.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemums. V. Poehlmann, Pres. Roosevelt and Mlle. Desjouis, strong, well rooted cuttings from carefully selected plants, $15.00 per 1000. Stock plants of Nonin and Enguehard, $4.00 per 100; rooted cuttings, $12.00 per 1000. Sent C. O. D. with privilege of examination.
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Jas. D. Hooper, Richmond, Va.

CHRYSANTHEMUM STOCK PLANTS.

Jeanne Nonin	Helen Frick
Golden Chadwick	White Jones
Y. Bonnaffon	Yellow Jones

60c per doz.; $4.50 per 100.
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The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically, so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
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Chase & Son, New London, O.

Chrysanthemums. Extra strong stock plants of J. Nonin, Maud Dean, Pacific Supreme, G. Glow, Jerome Jones, Christmas, White and Yellow Bonnaffon, Alice Roosevelt, 5c.
G. S. Ramsburg, Somersworth, N. H.

Strong rooted cuttings of mum stock plants, $1.00 per 100. Cash. V. Poehlmann, Eaton, Appleton, Touset, Monrovia, Yellow and White Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready after Feb. 1. U. S. Express. W. C. Scovell, Malta, Ohio.

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Chrysanthemum stock plants, best varieties, $2.00 per 100. Speak quick. Cash.
Chillicothe Floral Co., Chillicothe, O.

Fine stock plants of Poehlmann and Crocus, 50c per doz. Wm. Lee & Sons, Bedford, O.

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Cinerarias, giant flowering dwarf, strong plants, 2½-in., $2.25 per 100. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
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Cinerarias, large flowering, tall and dwarf, ready for 6-in. pots, $4.00 per 100.
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Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
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Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100.
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3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

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Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

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Mosbæk Greenhouse Co., Onarga, Ill.

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Coleus, best varieties, strong, rooted, for 3-in. pots, 50c 100; $4.50 1000.
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Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

Coleus, 10 kinds, R. C., 60c; $5.00 per 1000.
Byer Bros., Chambersburg, Pa.

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CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, well budded and grown plants, 4-in. pots, $15.00; from 5-in. pots, $20.00 per 100; August seedlings, twice transplanted from flats, fine stock, $3.00 per 100, $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen giganteum, mixed colors, in bud, 3-in., $6.00; 4-in., $15.00. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cyclamen, from flats, finest selected vars., separate colors, $1.50 100, postpaid.
Wm. Eschrich & Co., North Milwaukee, Wis.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

Cyclamen, in bud, 4-in., $8.00 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cyclamen, fine stock, 35c each.
Mosbæk Greenhouse Co., Onarga, Ill.

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Dahlias. No more orders taken for field clumps. Have large quantities of divided roots for present or spring delivery, in fifty varieties, standard sorts, mostly proven cut flower varieties. W. A. Finger, Hicksville, L. I., N. Y.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Dahlias, big stock, big clumps, best sorts. Send list. C. Betscher, Canal Dover, Ohio.

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New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
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Daisies. California and Queen Alexandra, $1.25 per 100, prepaid.
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Marguerite daisies, 2-in. pots, $2.00 per 100.
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Deutzia Lemoinei, for forcing, pot grown, extra heavy, from 9-in. pots, $50.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

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Dracaena indivisa, 3-in., 5c; 4-in., 12c; 5-in., 20c each. Mosbæk Greenhouse Co., Onarga, Ill.

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FERNS FOR FERN DISHES, best stock, largest assortment; 3-in., $6.00 per 100, $55.00 per 1000.

CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.

ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.

Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!
Boston.

4-in.	$12.00	100	7-in.	$60.00	100
5-in.	30.00	100	8-in.	80.00	100
6-in.	40.00	100	9-in.	1.25	ea.

Whitmani.

5-in.	$30.00	100	7-in.	$60.00	100
6-in.	45.00	100	8-in.	80.00	100

R. R. DAVIS & CO., MORRISON, ILL.

Ferns. Whitmani, Elegantissima and Scottii, 3-in., 10c; 4-in., 15c each. A limited number of Piersoni, Elegantissima, Whitmani and Boston in larger sizes. Write if interested.
Mosbæk Greenhouse Co., Onarga, Ill.

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100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
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Ferns. Boston and Whitmani, 5-in., a big bargain, 20c each, to close out. I need the room. Cash with order, please.
Fred C. Greene, 610 Innis St., Oil City, Pa.

Ferns. Boston or Whitmani, 2¼-in., $3.00 per 100; 3½-in., $8.00 per 100; 5-in., $20.00 per 100; 6-in., $30.00 per 100.
J. W. Davis, 225 W. 16th St., Davenport, Iowa.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in. pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

20,000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

20,000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Ferns. Surplus of 4 and 5-in., fine stock, prices right. Herms Floral Co., Portsmouth, O.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

FEVERFEW.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, nice, large, bushy stock plants, 4-in., $8.00 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

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Let us have your order for geraniums for immediate shipment, or to reserve until you want them. Standard varieties like S. A. Nutt, Mme. Barney, John Doyle, Alphonse Ricard, Beaute Poitevine, Mme. Landry, Berthe de Presilly, Marvel and La Favorite, $25.00 per 1000 for strong 2¼-in. pot plants. Selections of 1000 in named varieties, our choice, all good sorts, $20.00 per 1000. Tell us how many varieties you wish; can send 50 if you want that many.
The Storrs & Harrison Co., Painesville, Ohio.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted. $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geranium rooted cuttings. Nutt and La Favorite, $10.00 per 1000; Poitevine and Ricard, $12.50 per 1000; Poitevine alone, $15.00 per 1000. G. E. Fink, Roselle, N. J.

GERANIUMS—Continued.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelty, Red Wing, 25c each, $2.50 per doz. Write for geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Unrooted geranium cuttings, best new and standard varieties, from strong field-grown plants, packed to ship long distances. One each of 100 varieties, postpaid, $1.00 per 100; assorted, red, pink, as desired, $1.00 per 100. Cactus geraniums, four varieties, $1.50 per 100.
C. W. Smyth, 94 S. Bonnie Ave., Pasadena, Cal.

Geraniums. S. A. Nutt, 2¼-in., very strongly rooted, every plant a good one; cuttings taken from selected stock; $2.00 per 100; $18.50 per 1000. Cash with order. About 12,000 to sell now. If you want good 4-inch plants, in bloom for Memorial day, buy now.
H. M. Totman, Randolph, Vt.

Geraniums. Orders booked for January delivery. Hill, Gloire de France, La Favorite, Eugene Sue, Roseleur, Ricard and others, $1.50 per 100; $13.00 per 1000. Alliance, Richmond Beauty, Sir Fred Trevor and Variegated S. A. Nutt, $5.00 per 100.
Addems, Morgan & Co., Loda, Ill.

Geranium rooted cuttings, $1.75 per 100, $15.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000. 3-in. La Favorite, $5.00 per 100. Named varieties. 4 and 5-in., at special prices. Write if interested.
Mosbæk Greenhouse Co., Onarga, Ill.

Geranium rooted cuttings. Nutt and Buchner, $10.00 per 1000. Ricard, Poitevine, Jaulin, Montmort, Castellane and Doyle, $12.50 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Rose geraniums, 2-in. pots, $2.50 per 100. Pelargoniums, 2-in. pots, in 20 of the best varieties, $4.00 per 100. Geranium Mme. Saleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

Geraniums Ricard, S. A. Nutt, Buchner, from 2½-in. pots, extra fine lot of strong, cool-grown plants, $2.25 per 100; $20.00 per 1000. Order now.
J. R. Brooks, Oxford Depot, Orange Co., N. Y.

Geraniums. Good, strong top cuttings, 2¼-in., of S. A. Nutt, Heteranthe and La Favorite, $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Geraniums. If you want good and true to name stock of all standard and new varieties, write now and don't delay until spring.
R. F. Gloede, Evanston, Ill.

Geraniums. Well rooted cuttings of S. A. Nutt for immediate delivery, $1.25 per 100; $10.00 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium rooted cuttings. Buchner, $1.25 per 100; $10.00 per 1000. Nutt and Buchner, from 2-in. pots, $2.00 per 100. Cash.
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Geraniums. Well rooted cuttings of Buchner, $10.00 per 1000; Poitevine, $12.50. Can deliver at once. Cash with order.
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Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
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Geraniums. 800 Nutt, 400 Viaud, 350 Ricard, 100 Henderson, 100 Poitevine, strong, 2½-in. pot plants, $2.00 per 100.
Mish's Lebanon Greenhouses, Lebanon, Pa.

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P. N. Obertin, Kenosha, Wis.

Geranium rooted cuttings, Dbl. Grant, Mme. Buchner, $1.25 100; $10.00 1000. Cash.
M. M. Lathrop, Cortland, N. Y.

Geraniums. Ricard, Poitevine, Nutt, $1.50 per 100; $14.00 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Poitevine, Nutt, Perkins, Favorite, Grant, fine 2½-in., 2c. Roney Bros., West Grove, Pa.

Strong 2½-in. geraniums. Write for prices and varieties. N. E. DeGolier, Loveland, Colo.

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Geraniums. Nutt, 2¼-in., 2c.
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Gladioli. Planting stock of Mrs. Francis King and other choice sorts. Cheap for cash.
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Gladioli. 4200 fine, mixed bulbs, 1 to 2½-in., fine stock, including mixed Groff and other mixtures, $20.00; 10,000 Augusta, ⅜ to ½-in., $15.00; 5000 Augusta, ½ to ¾-in., $10.00; ½ bushel Augusta bulblets, $5.00; 1 bushel mixed bulblets, $5.00. All for $50.00, cash. Who wants them?
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Gladioli (the same as ever). Good mixture of Groff's hybrids and Childsii, all sizes, from $1.25 to $8.00 per 1000. Also good forcing and all leading named varieties. Ask for our "SILENT SALESMAN." English and German correspondence solicited.
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Gladioli, best sorts, extra mixtures, all sizes.
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Heliotrope rooted cuttings, six varieties, Dreer's light or dark blue, 75c per 100, $6.00 per 1000, prepaid; set of six, in equal numbers, $1.00 per 100, prepaid.
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Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
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Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c.
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Hydrangea Otaksa, for next spring flowering, sturdy plants from 3-in. pots, $5.00 per 100. Cash. Frank Sokol, College St., Worcester, Mass.

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Iris, all types. Very select list.
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Ivy rooted cuttings. English, $1.00; German, 50c per 100, prepaid. Cash.
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English ivy, 4-in., 12½c. Will exchange for rose stock. The Newburys, Mitchell, S. D.

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American Wonder lemons, strong plants in 2½ in. pots, $2.50 per 100.
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Lily of the valley for prompt delivery. Exposition grade, extra fancy, in cases of 2000 crowns, $32.00 per case; $17.00 per 1000. Perfection grade, true Berlin, in cases of 1000 pips, $14.00 per case. Holsatia grade, fine for later forcing or cold storage purposes, in cases of 2500 pips, $30.00 per case; $13.50 per 1000.
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NURSERY STOCK.
Elm, 3-4 ft., $3.50 per 100; 4-5 ft., $6.00; 6-8 ft., $12.00; 8-10 ft., $18.00.
Ash, 6-8 ft., $12.00 per 100; 8-10 ft., $18.00.
Maple, silver, 3-4 ft., $3.50 per 100; 4-5 ft., $5.00; 6-8 ft., $10.00; 8-10 ft., $18.00.
Catalpa, 4-5 ft., $5.00 per 100; 6-8 ft., $10.00.
White birch, 8-10 ft., $28.00 per 100; 10-12 ft., $35.00.
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Packing extra.
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Kentia palms, bushy, made up plants, 3 plants in a pot, 44 to 48 in. high, $5.00 each; 48 to 54 in. high, $6.00 each. Kentia Belmoreana, 4-in. pot plants, 4 to 5 leaves, 15 in. high, $4.20 per doz.; $30.00 per 100.
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Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
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Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
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Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
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25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
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Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Loyal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. F. H. De Witt & Co., Wooster, O.

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Primula obconica, extra strong plants, showing buds, fine stock for Easter, 2½-in., $2.75. Try them. Good mixture. Cash.
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Primula obconica, extra strong stock, 2-in., $2.00 per 100; 2½-in., $2.75 per 100. Baby primrose, 2-in., $2.00 per 100.
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500,000 3-yr. plants, with 12 to 20 branches; have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rates. Cash with order.
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California privet, 1-yr., 12 to 18 in., branched, $10.00 per 1000; 2-yr., 2½ to 3 ft., 10 to 15 branches, extra heavy, $25.00 per 1000, packed.
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Cal. and Amoor River privet, all sizes.
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Rooted cuttings. Fuchsia, $1.00; Salvia Bonfire, 80c; heliotrope, dark, 75c; coleus, 60c; vinca, 90c; ageratum, 50c. All per 100. Cash.
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ROSES, EXTRA FINE.
TWO YEARS, FIELD-GROWN.

Cl. Testout, Cl. Gainsboro, Cl. Kaiserin, Cl. Henriette, 2 to 4 branches, 4 to 6 ft., 10c.

Limited quantity of Cl. Testout, Cl. Gainsboro, 3-yr., 6 to 10 branches, 8 to 10 ft. or more, 25c.

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Kaiserin, Richmond, Soupert and Cl. Soupert, medium 2-yr. plants, 6c.

Mme. Plantier, any quantity, 4 to 6 branches, 3 ft., 4c.

Sweet and subacid pomegranates, fine, 25c.

All first class, well grown and rooted, thoroughly ripened by nature, fresh dug for each order. Packing the best.
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Roses, A 1 quality, satisfaction guaranteed. Medium size, 1-year.
Richmond, own root.....$6.00 100; $55.00 1000
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Cash with order.
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Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100; $25.00 1000.
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Bride $2.25 100; $20.00 1000
Maid 2.25 100 20.00 1000
Golden Gate..... 2.00 100; 20.00 1000
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Roses, forcing grade. Magna Charta, $12.00 per 100; Dorothy Perkins and Lady Gay, $10.00 per 100.
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Roses, surplus stock, good and strong. Bride and Maid, 2-in., $2.00; 3-in., $3.00 per 100.
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Splendid assortment; ask for fall price list. Leedle Co., Expert Rose Growers, Springfield, O.

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Phoenix canariensis seed, $1.50 per 1000; Phoenix reclinata, $2.25 per 1000; Washingtonia robusta, 75c per 1000; Washingtonia filifera, $1.00 per 1000; Chamaerops excelsa, 75c per 1000. Smilax, 35c per oz., ½ lb., $2.00. Sterculia diversifolia, Australian bottle tree, 35c per oz.; ½ lb. $2.00. Schinus Molle, pepper tree, 50c lb. F. M. Warner, 1100 So. Flower St., Los Angeles, Cal.

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Smilax, strong, transplanted 1 year, suitable for potting or planting up, 75c per 100; $5.00 per 1000. Seedlings, 1-year-old, very good, $3.00 per 1000. F. A. Baller, Bloomington, Ill.

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Addems, Morgan & Co., Loda, Ill.

Smilax myrtifolia, once transplanted, extra strong, $2.00 per 100.
C. Winterich, Cyclamen Specialist, Defiance, O.

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Snapdragon, giant white, pink, scarlet, yellow, separate, ready to pot in 2-in., to follow mums, $1.00 per 100, $8.00 per 1000; 2-in., $2.00 per 100, $18.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

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Spiraeas, good clumps. Gladstone, $9.00 per 100; floribunda, $5.00 per 100; nana compacta, $4.50 per 100; japonica, $4.00 per 100.
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Stevia stock plants, strong, 3c each; will exchange for rose stock, April delivery.
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The best standard and new varieties. Catalogue free. Lake View Nursery, Poy Sippi, Wis.

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50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto, 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
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Lemon verbena rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

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Vinca variegata, strong plants, 2½-in., $2.00 per 100. Cash.
FREERORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Vinca var., strong field clumps, selected, $5.00; first quality, $4.00; second, $3.00 per 100. M. M. Lathrop, Cortland, N. Y.

Vinca variegata, well rooted two-eye cuttings, 90c per 100; $8.00 per 1000, prepaid.
G. E. Fink, Roselle, N. J.

Vinca variegata, strong, Sept. field-rooted tips, $1.00 per 100; $10.00 per 1000.
W. J. Engle, R. R. 8, Dayton, O.

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Violets. Princess of Wales and Campbell, 2½-in., $2.00 per 100. Rooted plants of Campbell and Princess of Wales, $1.00 per 100; $9.00 per 1000. Swanley White, $1.20 per 100; $10.00 per 1000. A. B. Campbell, Cochranville, Pa.

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Strong, outdoor grown plants, by mail, 1½c.
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To Exchange—B. May, Dr. Enguehard, P. and W. Dean, Appleton and W. Jones mum stock plants or rooted cuttings for spring plants or rooted cuttings of primulas, ferns or anything we can use.
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To Exchange—Asparagus plumosus, fine plants out of 4-in. fern pots, at $12.00 per 100, for Winona carnations, rooted or unrooted.
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Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

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All sizes of cut flower and floral design boxes. Write for our box catalogue.
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Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

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Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order. Crowl Fern Co., Millington, Mass.

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CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt., by mail.
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Price list now ready. Extra large and fine crop of fish this season. No fungus; no lice. Our little book, "The Gold Fish Dealer's Guide," tells you how to handle fish, prevent and cure diseases; free to customers.
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Largest gold fish hatchery in the world.

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"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

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Mats for hotbeds and coldframes. I make not only the most practical but the cheapest mat on the market. Send for circular.
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Paper pots. 5,000 3-in., $5.00; 4-in., $7.50. Shipped flat; low freight rates.
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We make Standard Flower Pots, etc.
Write us when in need.
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Standard red flower pots. Buy from the originators and introducers. Prices never higher.
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"NUFF SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Red pots, none better.
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$1.25 per 1000 up, for letter-heads, bill-heads, etc. Cuts used. Samples free.
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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.
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Ten bales sphagnum, $7.00.
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Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
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NEW ORLEANS.

The Market.

Unusually cold weather was felt here around Christmas. Holly, greens of all kinds and Christmas trees were fairly disposed of this season. Plants in pots were not much in demand. The most business was done with cut flowers and bouquets of all sorts, showing a large increase over last year. Had the temperature been a few degrees lower our city gardens would have been badly touched and in need of new stock. The damage was done more to the leaves, but still many sorts of plants will have to be renewed, and the prospects for a good spring sale are quite encouraging.

Florists attending to decorations are quite busy. M. M. L.

Belvidere, Ill.—John W. Lyon is to open a flower store at 205 South State street.

New Orleans, La.—The display case for cut flowers in the new store of Charles Eble, in the Gruenewald Hotel building, was built to order by the McCray Refrigerator Co., Kendallville, Ind.

Pawtucket, R. I.—James Hockey, of the Prospect Greenhouses, has been in somewhat feeble health for some time. He has been able to give some attention to business, however, and trade has been ten per cent better than last year.

Berlin, Md.—D. W. Babcock has leased the Dr. Hammond place, consisting of fifty acres, on South Main street, right in town, and will plant it to nursery and florists' stock. Mr. Babcock is a lifelong nurseryman, having graduated from the nurseries of western New York. He has been foreman for J. G. Harrison & Sons for the last ten years.

Lake Charles, La.—C. D. Otis is taking active steps toward establishing a range of greenhouses and a nursery at Port Arthur, Tex., and it is said that John W. Gates is also interested in the promotion of the enterprise. It is probable that the old government experimental farm, near Port Arthur, will be selected for the purpose, as it has good railroad connections and other advantages. Mr. Otis is president of the Louisiana State Horticultural Association.

Horticultural Books

We can supply any of the following books at the prices noted, postpaid, and any other book at publishers' prices

Pronouncing Dictionary.
A list of plant names and the botanical terms most frequently met with in articles on trade topics, with the correct pronunciation for each. **35 cents**

Hardy Perennials and Old-fashioned Garden Flowers.
By J. Wood. Describing the most desirable plants for borders, shrubberies, etc., foliage and flowering. Illustrated. **$2.00**

The American Carnation.
By C. W. Ward. Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. This book is the work of a careful, studious grower of ripe experience. Fully illustrated. **$3.50**

Tomato Culture.
By W. W. Tracy, U. S. Dept. of Agriculture. The book deals with every phase of tomato culture and was written for the man who wants the latest and most complete information on the subject. Cloth. 150 pages. Illustrated. **50 cents**

Ornamental Gardening for Americans.
By Elias A. Long, landscape architect. A treatise on beautifying homes, rural districts and cemeteries. A plain and practical work, with numerous illustrations and instructions so plain that they may be readily followed. Illustrated. Cloth. 390 pages. **$1.50**

The Forcing Book.
By L. H. Bailey. In this work the author has compiled in handy form the cream of all the available information on the subject of forcing vegetables under glass. In addition to this, the experience of many practical growers in different localities is furnished. **$1.25**

Bulbs and Tuberous Rooted Plants.
By C. L. Allen. A complete history, description, methods of propagation and full directions for the successful culture of bulbs in the garden, dwelling or greenhouse. The illustrations which embellish this work have been drawn from nature, and have been engraved especially for this book. Cloth. **$1.50**

The Pruning Book.
By L. H. Bailey. This is the first American work exclusively devoted to pruning. It differs from most other treatises on this subject in that the author takes particular pains to explain the principles of each operation in every detail. Specific advice is given on the pruning of the various kinds of fruits and ornamental trees, shrubs and hedges. Considerable space is devoted to the pruning and training of grape vines, both American and foreign. 530 pages. Illustrated. **$1.50**

Water Gardening.
By Peter Bisset. This work supersedes all other books that have previously been written on the subject of aquatics and their surroundings, and gives in full detail all the practical information necessary to the selection, grouping and successful cultivation of aquatic and other plants required in the making of a water garden and its environments, and covering all conditions from that of the amateur with a few plants in tubs, to the large estate or park. **$2.50**

Insects and Insecticides.
By Clarence M. Weed, D. Sc. A practical manual concerning noxious insects and the methods of preventing their injuries. Profusely illustrated. A generally useful handbook on noxious insects. It covers the whole field of insect pests very thoroughly and is especially valuable for its complete and up-to-date methods of fighting insects. The work is intensely practical. All the important insect pests are described and remedies for them, and methods of preventing their injuries described in detail. Cloth. **$1.50**

Handbook of Plants and General Horticulture.
By Peter Henderson. This new edition comprises about 50 per cent more genera than the former one, and embraces the botanical name, derivation, natural order, etc., together with a short history of the different genera, concise instructions for their propagation and culture, and all the leading local or common English names, together with a comprehensive glossary of botanical and technical terms. Plain instructions are also given for the cultivation of the principal vegetables, fruits and flowers. Cloth. **$3.00**

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Greenhouse Heating.

IN the middle west the month of December was a tough one for the man who does his own night firing. It was the coldest December in many years, and made great inroads on the coal bin, besides requiring constant vigilance.

PURSUING the custom established three years ago, the American Blower Co., Detroit, this Christmas presented each employee with a sum in crisp new dollar bills, equal to the years of their continued service with the company. Along with the money was given an illustrated booklet, containing a short historical sketch of the institution of which the employees form such an important part, and all inclosed in an envelope decorated in holiday colors.

A NOVEL HEATING PLANT.

I have recently put into operation a cheap plan for increasing the efficiency of my heating plant and it may be that the idea can be used to advantage by other greenhouse owners.

My house is 36x60, eight feet to the ridge and three feet at the sides, all banked with soil. I have a five horsepower, upright boiler, with two 4-inch openings. Last year this boiler would not heat my house above 45 degrees during zero weather. I had two flows and three returns under my beds and across each end, which makes about 500 feet of hot water radiation. It is the same this year, but last fall I turned the boiler down under the beds and built a 3x2x4 firebrick furnace in front of it. I am now running the smokestack under the beds to the opposite end of the house. It is sixteen inches in diameter and is joined to a chimney of 18-inch sewer-pipe tile, so you see the heat travels sixty feet before leaving the house.

I am growing miscellaneous plants and, with this slight change in arrangement, have had no trouble in maintaining a temperature of 60 degrees, both day and night, although the outside temperature has fallen as low as 8 degrees below zero. SAMUEL RIMBEY.

What's This?



It's the New

Perfection Flue Cleaner

and we want to send it to you for 30 days' FREE trial.

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

Scully Steel & Iron Co.

Halsted and Fulton Sts., Chicago, Ill.

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TO HEAT GREENHOUSES.

Did you ever stop to think what it takes to heat a really big greenhouse plant? It isn't the trifling incident the uninformed might suppose. For instance, one day last month August Poehlmann, secretary of the Poehlmann Bros. Co., Morton Grove, Ill., made a single purchase of 114 carloads of coal. That would be over 5,000 tons, but it would last only a part of the season. Putting it another way, that one order, if shipment were made all at once, would make more than two solid trainloads—if only two trains, they would have to be double-headers, for fifty cars is about all a big mogul locomotive is good for, especially in cold weather. But Mr. Poehlmann ordered deliveries spread over six weeks, at the rate of about three cars a day. He intends to keep his bunkers full.

Speaking of fuel, and what it costs to

Leaks Ruin Stock

Don't Have Them

Our Emergency Pipe Clamps

are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



Send for catalogue.
Pipe Repairs and Steam Specialties

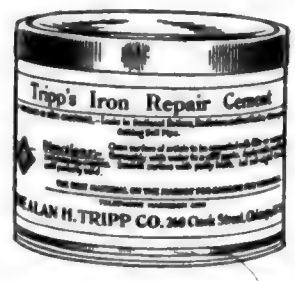
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FOR $1.00



We will send you by express, all charges prepaid, a one pound can of

Tripp's Pipe Joint Compound

Ground in Boiled Linseed Oil, ready to use, and a one pound package of

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The Alan H. Tripp Co.

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heat a greenhouse, a few weeks ago Peter Reinberg gave a few figures as to the quantity and cost of his fuel in the season of 1907-8. He burned, he said, about 250 cars of Pocahontas coal, mined in West Virginia. The cars averaged about forty-five tons of coal each, or a total of over 11,000 tons, and the cost was something over $3 per ton. It was interesting that the cost of the coal at the mine was less than one-third its value when on Mr. Reinberg's siding—in other words, the cost of freight and switching was nearly two and one-third times the value of the coal at the mouth of the mine. Mr. Reinberg's fuel last season cost considerably over $35,000.

C. L. Washburn says that Bassett & Washburn usually burn about 12,000 tons of coal a season at their plant at Hinsdale, Ill., with the prospect of exceeding that quantity if the winter continues as cold as it has started.

IN CENTRAL MASSACHUSETTS.

I intend to build a greenhouse 34x120 feet, even-span, five and one-half feet to the eaves and ten feet to the ridge, with rafters nineteen feet eight inches long. There will be glass in the ends down to the plate, and two feet of glass below the plate on the south side. The house will face five degrees east of south. The beds will be raised about twenty inches. Hot water heat will be used. How many 2½-inch overhead flows, and how many 2-inch returns on the sides, will be required to maintain a temperature of 60 degrees when the outside temperature is 10 degrees below zero? What size of boiler and grate will be needed? Is it necessary to have the top of the boiler below the lowest return? A. L. B.

For a house 34x120 feet, built as described, the use of five 2½-inch flows and seventeen 2-inch returns should give the temperature desired. It is not necessary to have the returns above the top of the boiler, but if below that point for much of their length it will be advisable to use 2½-inch pipes throughout, and arrange them so that each pipe will give a complete and continuous circulation. Twenty pipes—that is, ten flows and ten returns—will be required. When one flow supplies several returns, part of which are below the top of the boiler, only a part of them will circulate properly.

The boiler should be one that is rated at 2,000 to 2,200 square feet of radiation. The grate may vary in diameter from 30 to 32 inches, according to the character and extent of the fire surface.

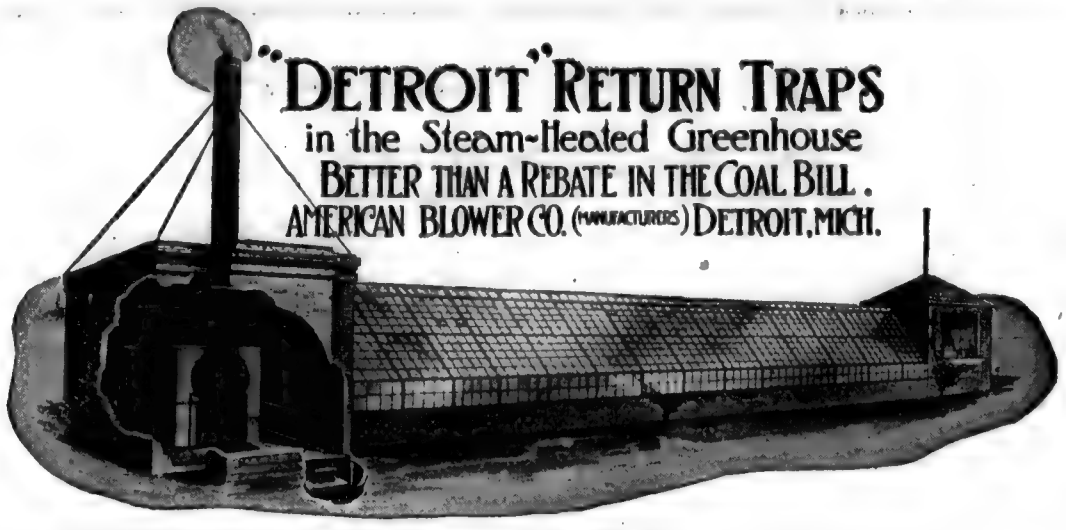
SPRINGFIELD, OHIO.

The Florists' Club.

The next meeting of the Springfield Florists' Club will be held on Monday evening, January 10, at which time the members will be the guests of the Highland Floral Co., at its range of rose houses on South Limestone street.

Invitations enclosing return acceptance cards have been sent out to all male florists in the city, and every man connected in any way with the florists' trade, whether a member of the club or not, is expected to attend. The subject of the evening will be, "Anything and Everything That Should Interest the Local Florist."

The feature of the evening will be a "kraut supper," and it is safe to predict that the menu will show traces of the fine German hands of such typical



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FOR GREENHOUSE WORK
ILLINOIS MALLEABLE IRON CO.
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Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses
No night fireman required with our Self-feeding Hot Water Boilers.
Send for Catalogue and Prices
S. WILKS MFG. CO.
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DRAPER'S
Recording Thermometer
Traces automatically a correct and continuous record in ink of the temperature on a graduated weekly chart. Standardized and fully guaranteed
Size 14 x 20 in., price $30.00
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THE SUPERIOR
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Has no Superior,
Largest Heating Surface,
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Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.
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Morehead Steam Traps



Have you ever talked with a brother florist who uses Morehead Return Steam Traps? If not, do so at the first opportunity and be convinced that you must install one at once.

There are more Morehead Traps installed in greenhouses than of all other makes of steam traps combined. The Morehead is distinctively a "florists' trap." Every feature of its construction has been treated with a view of meeting the special needs of the florist.

Many florists have written us that they "could not get along without it."

The Morehead Return Steam Trap will remove the steam line condensation as fast as it accumulates and return it to the boiler at nearly boiling heat, requiring but little fire to again convert it into heat.

The full heating value of the live steam is retained, making it possible through the resulting uniform temperature to grow as good stock in one end of the house as in the other.

The long life of the Morehead Trap is a useful life—in many specific cases the one individual trap has been in constant and continual service for over 15 years.

We will gladly ship to any florist a Morehead Trap for any reasonable trial period. If it is not all that we claim, ship it back at our expense.

Write today and ask for "Trap Book."

Morehead Mfg. Co.

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The Burnham



Every operating part r ght on the ront —shaker handle, smoke box damper handle, clean-out doors—everything. Send for catalogue.

Lord & Burnham Co.

IRVINGTON, N. Y.

New York Boston Philadelphia Chicago

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products of "der vaderland" as Charles Schmidt and Christian Binning, of the entertainment committee, and that the repast will amply satisfy the 6:30 p. m. appetites of the club members.

It has been the feeling of most of the members that the local retailers might obtain great benefit by becoming members and active supporters of the club. In fact, it is thought that the man or woman depending on a local trade has far more to gain by such a membership than the florist whose product is shipped broadcast. But the small local florist usually sticks closely to his place of business, frequently does his own firing at night, and imagines that he cannot afford to spare an evening a month. Yet, if he would view the matter in a true light, rise a step or two above his present level, take advantage of the advertising which would result from his mere membership in the club, learn what his fellow craftsmen are doing by listening to the interesting discussions which irrepressibly bob up at the regular meetings, he would be dollars ahead, have a stock of useful new ideas, and acquire an enthusiasm which would lighten the labors of his business.

While a Dutch lunch appeals most strongly to the male members of the club, some of whom express a decided aversion to anything in the nature of a pink tea, it is probable that at some succeeding meeting the occasion will be particularly adapted to both sexes, so that the lady florists of the city may be invited. When it can be made apparent that the interests of all branches of the florists' trade are in a certain degree mutual, and when the local retailers shall recognize the benefits of coöperation, one of the most alive and entertainingly instructive clubs in the country will be gradually built up.

GE DALE.

ONSET, MASS.—J. G. Burrows has nearly completed his new greenhouse on Twelfth street. The building is 8x30 and the work is being done entirely by Mr. Burrows.

KEEP TAB ON THE Night Temperature



Many a grower has found an immediate improvement in the quality of his stock when he put in our

IMPROVED

Recording THERMOMETER

It tells in the morning just how the temperature in the houses has varied during the night.

Illinois State Florists' Association.

Edwardsville Ill., Oct. 28, 1908.
The Recording Thermometer is working o. k. I would not part with it for twice the cost. Send me $1.00 worth of charts for the same.
J. F. Ammann.

Send for Prices.

Standard Thermometer Co.

(Successors to PARKER MFG. CO.)

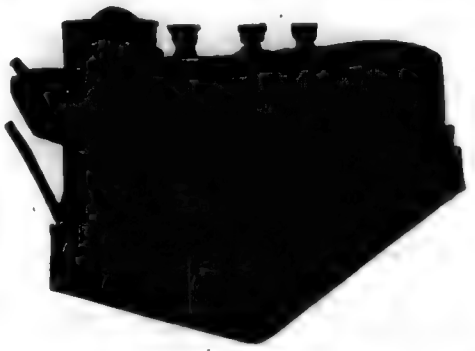
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No. 300. Mention The Review when you write.

THE KROESCHELL BOILER

IS THE ONLY PERFECT

Hot Water Boiler



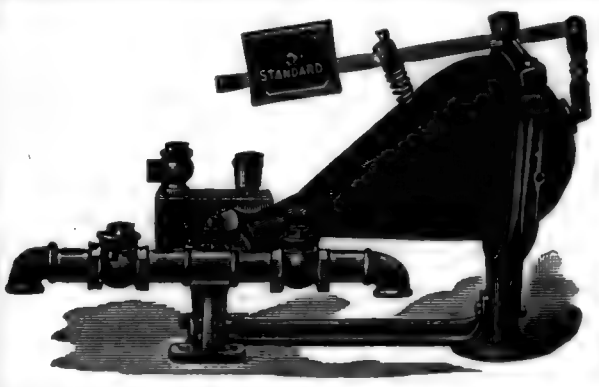
Not Cast Iron

Has thin waterways. Heats quickly. It is the most efficient, safest and most economical boiler built. **Very powerful.** 15 sizes, heating from the smallest greenhouse up to 50 000 square feet of glass to 60 degrees, at 15 degrees below zero.

Prices and catalogue on application.

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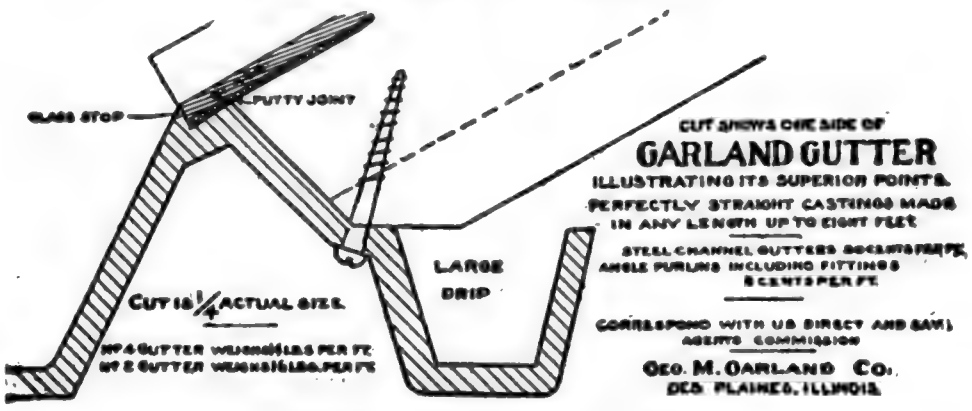


The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

E. HIPPARD, Youngstown, Ohio

Mention The Review when you write.



Mention The Review when you write.



Metallic Thermometer "A"

SIZE—8 inches high, 4 inches wide, 2 inches deep. Case made of cast aluminum, highly finished.

This little instrument is an accurate, fully tested thermometer showing the correct temperature at all times, and combines a device which will ring a bell at your bedside when the greenhouse gets either too hot or too cold.

The florist needs protection against the overheating of his greenhouses as well as a protection against cold, for which we can highly recommend our type "A." This device serves both purposes, and at the same time indicates, as previously stated, the actual temperature in his greenhouse.

We guarantee that actual results will at all times be obtained. This device has been subjected to the severest tests in our laboratory, for over two years, and at the same time has given entire satisfaction, under all conditions, to many users in the trade.

All you have to do is to set the pointers at the highest and lowest temperatures you want, and the thermometer will do the rest. It will ring a good, loud bell when either point is reached.

This device saves all worry over trouble from sudden temperature changes.

Investigate it today.

The "National" Differential Temperature Alarm



SIZE—4 inches in diameter, 1½ inch deep. Casing made of Sheet Aluminum.

A sudden cold snap, or a rapid thaw, may mean hundreds of dollars' loss because your greenhouse gets too hot or too cold before you realize the sudden change that has occurred.

Protect yourself from such danger

Our Differential Temperature Alarm is specially designed for florists' use and is **guaranteed** to give absolute protection from the dangers before stated. Set the pointers at the highest and lowest temperatures desired and this device will positively ring a bell at your bedside when either point is reached.

Over 2,000 of these instruments are now giving complete satisfaction to florists throughout the country.

It is constructed of the very best material available for the purpose, and contains no complicated mechanism; hence serves its purpose a lifetime.

The pointers on face of instrument can be set so as to allow a difference between a possible increase or decrease of temperature of only two degrees. All that is necessary is to change position of pointers by loosening set screw in center so as to set the pointers or hands on face of dial; then tighten said set screw.

We also manufacture separate instruments; No. 1, to ring a bell when the house gets too hot; No. 2, to ring a bell when the house gets too cold. Of course, the most useful is the instrument illustrated above, which is a combination of both No. 1 and No. 2.

Let us send you our catalogue of styles and prices. A postal will bring it

National Clock & Electric Mfg. Co.

2207 Pine Street

SAINT LOUIS, MISSOURI

ELECTRIC HOSE & RUBBER CO., WILMINGTON, DELAWARE, U. S. A.

...Rubber Hose Specialists...

Look for this Brand.

The only manufacturers devoting their entire time and attention to the manufacture of Rubber Hose.



Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

MANUFACTURERS OF ELECTRIC GARDEN HOSE

Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Write for prices.

Mention The Review when you write.

CINCINNATI.

The Market.

Wholesalers and retailers alike express general satisfaction with the business done during the holidays. Weather conditions, during the Christmas rush, were against the retailers, and the handling of pot plants made deliveries difficult. While prices of some choice carnations did not reach over $8 per hundred, yet as a whole the volume of business done, and the returns to the growers, were quite satisfactory. American Beauty roses reached $12 per dozen for the best, while a larger number went from $5 to $8 per dozen. Some of the best Killarney and Richmond fetched $25 per hundred. President Taft and Maids, in the best grades, sold readily at $15, while medium and smaller grades ranged from 6 cents up.

Poinsettias are steadily increasing in popularity. There was a large supply of cut blooms, which sold from $10 to $20. Violets were in heavy demand, especially the singles, and not nearly enough to go around, and the same may be said of valley. The only glut noticeable was on Paper White narcissi. They moved slowly at $3 per hundred. A mistake was certainly made by some growers in holding back so much stock, especially in carnations, which would have sold to better advantage earlier in the week, when good prices could have been obtained. Good stock sold readily at $6 per hundred and much of the salted goods had to be moved at $3 and $4. One would judge they would learn from experience, but from the way it looks they've got the habit. Asparagus, smilax and ferns were plentiful. All in all, the holiday trade can be classed as satisfactory.

Various Notes.

A bowling club has been started and had their first evening of innings Monday, January 3, and they certainly had a hot time on the alleys.

Heller Bros., of Newcastle, Ind., surely had their stock in tip-top shape for the holidays. Their Beauties were never better.

Weiland & Olinger were short on their crop, but what was lacking in quantity, they made up in quality. H. Schwarz.

Boskoop, Holland.—W. Van Kleef & Sons are sending the American trade a neat card for "mostly used telephone numbers," bearing pictures of the nursery and a portrait of W. Van Kleef, Jr., who will visit America in March.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.

Mention The Review when you write.

...THE NEW...

Chicago Sprayer



This Sprayer is made of aluminum and with two brass plates, one being fine and the other coarse. They can be easily removed, quickly cleaned and this sprayer will never wear out.

E. H. HUNT, Chicago, Ill.
Dear Sir:—We just want to say that your new "Chicago Sprayer" is the finest thing in that line that has ever come to our notice.
BAUR & SMITH, Indianapolis, Ind.

E. H. HUNT, Chicago, Ill.
Dear Sir:—The "Chicago Sprayer" works admirably on small plants like pansies, and equally well for spraying roses. It has my approval.
W. A. HARSHBARGER.

Sprayer face 4½ inches wide, nozzle 6½ inches long, ¾-inch pipe connection, $2.50 each.

E. H. HUNT, Established 1878

76-78 Wabash Avenue, CHICAGO

Mention The Review when you write.

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
INDIANAPOLIS, IND. SAN FRANCISCO, CAL.

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FIVE ACRES with the Skinner Irrigation will produce as much crops as TEN ACRES without it.

The Skinner Irrigation Co.

TROY, O.

Mention The Review when you write.



MISSION PLANT BOXES

Are the best and cheapest plant boxes in the market for large plants, boxwoods, bay trees, etc.

They are attractive in design, strong and durable. Suitable for either outdoor or indoor use.

Write for prices.

WAGNER PARK CONSERVATORIES, Sidney, Ohio

Mention The Review when you write.

Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.75; 50,000....$7.50; Sample free

For Sale by Dealers

Mention The Review when you write.



Awarded diploma and medal, 1907, for the celebrated **Shower Maker, $1.00**

Dealers and jobbers, ask for sample, price and electros for catalogs.

Joseph Kopcsay, South Bend, Ind.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers

NOXALL FLORISTS' HOSE



Furnished in any length up to 500 feet, without seam, joint or connection, ½ and ¾-in. sizes. An exceptionally high grade greenhouse hose, manufactured with a double woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover. The double woven jacket construction makes a stronger hose than can be obtained from cotton duck and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking. Noxall Hose is guaranteed to stand a pressure of 500 lbs. per square inch, although its bursting pressure is far in excess of this. Noxall Hose is made by the latest and most improved methods and its construction is the most important improvement made in the manufacture of rubber hose since Goodyear discovered the process of vulcanizing rubber 75 years ago. No hose made will give equal service for greenhouse use.

SPECIAL NET PRICES:—¾-in. size, 16c per ft., coupled, cut any length; ½-in. size, 14c per ft., coupled, cut any length. Write for special prices on 100, 200 and 500-ft. lots.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO



Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. **Your jobber will supply you,** or write to

Handsome illustrated booklet sent free on request. **ILLINOIS HEATER & MFG. CO.** 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

Always Mention the....

Florists' Review

When Writing Advertisers

LARGEST JOBBERS
GREENHOUSE GLASS
IN THE WORLD
Superior quality and lowest prices. Before buying, send us your inquiry.
PITTSBURGH PLATE GLASS COMPANY
442 Wabash Avenue, Phone Harrison 2239, CHICAGO

Mention The Review when you write.

NEW BEDFORD, MASS.

The Market.

Christmas, 1909, was all that could be desired in a business way, and some of the florists say that it went ahead of last Christmas. Plant trade had the run, although there was a good demand for cut flowers. Prices were good, both on plants and flowers. There was a goodly assortment of plants to choose from, namely, azaleas, Lorraine begonias, cyclamen, primroses, geraniums, cherries, ferns, palms, and a host of other flowering and decorative plants, while in the cut flower line there were roses, carnations, sweet peas, violets, daffodils, Paper Whites, mignonette, stevia, hyacinths, etc.

Carnations retailed at $1 and $1.25 per dozen. There was a good demand for red carnations, of which the supply was none too plentiful. Roses, of good quality, retailed at $3 per dozen; violets at $2.50 per hundred; sweet peas at $1 per hundred; daffodils at 75 cents per dozen and Paper Whites the same. There was a good call for evergreen wreaths, selling all the way from 25 cents to $2. There was a fairly good demand for Christmas trees, at prices ranging from 50 cents upwards. The weather was decidedly cold, making extra wrapping necessary and delivery a hardship.

Various Notes.

S. S. Peckham is back again at his place in Fairhaven, Peter Davis, the lessee, having given it up.

A. B. Hathaway is cutting some nice sweet peas.

R. E. Nofftz is growing some fine bulb stock, of which he makes a fine display in his store window.

E. H. Chamberlain is well satisfied with his Christmas trade and, when called on, was rushed with New Year's business.

R. H. Woodhouse reports business as fine. His place is in good shape.

Wm. P. Peirce; J. H. Cleary and Wm. H. Davenport had a fine Christmas business.

E. Y. Peirce is cutting some fine carnations for the Boston market. W. L.

JAMES H. RICE CO.
Get Our Special Prices on
GREENHOUSE GLASS
NOW
Window Glass, Paint, White Lead, Putty, Etc.
Telephone Central 1944.
Office and Warehouse: Michigan, St. Clair and Illinois Sts., CHICAGO

Mention The Review when you write.

For GREENHOUSE GLASS
WRITE
The Toledo Plate & Window Glass Co.
TOLEDO, OHIO
We have the largest stock in the West.
HIGH QUALITY LOW PRICES MINIMUM BREAKAGE

Mention The Review when you write.

Superior Quality Low Prices Quick Delivery
Greenhouse Glass
Write us for prices.
BAUR WINDOW GLASS CO., MANUFACTURERS, EATON, IND.

Mention The Review when you write.

Holds Glass Firmly
SEE THE POINTS
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cts. postpaid.
HENRY A. DREER
714 Chestnut St., Phila., Pa.
FULL SIZE No. 2

Mention The Review when you write.

GLASS
FOR GREENHOUSES
John Lucas & Co.
Philadelphia — New York — Chicago — Boston

SIEBERT'S ZINC NEVER-RUST
GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert, Baum and Beatty Sts., Pittsburg, Pa.
Mention The Review when you write.

"HOOKER QUALITY"
The mistake of your life if you don't buy
GREENHOUSE GLASS
Prices are very low and "Hooker Quality" is famous with the best greenhouse trade.
— Write Today —
H. M. HOOKER CO.
651-659 Washington Blvd., CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

WIZARD BRAND MANURES

Dried, screened and packed in bags of 100 lbs. each.

PULVERIZED SHEEP MANURE
PURE - UNIFORM - RELIABLE

A strong and quick acting manure, highly recommended for carnations and chrysanthemums.

SHREDDED CATTLE MANURE
Easy to Handle and Apply

Stronger and better in every way than rough manure. Lasts much longer on the benches. Unequaled for mulching and feeding roses, liquid manuring and mixing with bench and potting soil. Used by all the largest growers.

Ask your supply man or write us for circulars and prices.

...THE...

Pulverized Manure Co.
33 Union Stock Yards
CHICAGO

Mention The Review when you write.

DREER'S
Florist Specialties.
KEYSTONE CEDAR PLANT TUBS.



	Diam.	Each.	Doz.	100.
A	11 in.	.65	7.15	55.00
B	12¼ "	.75	8.25	65.00
C	13¼ "	.85	9.35	75.00
D	14¼ "	1.00	11.00	90.00
E	15¾ "	1.25	13.75	110.00
F	16¼ "	1.50	16.50	130.00

Three largest sizes have handles.

Special PAIL TUBS.

8 inches.	.30	3.50	28.00
11 "	.30	3.50	28.00

Painted Green.

HENRY A. DREER,
714 Chestnut Street,
PHILADELPHIA, PA.

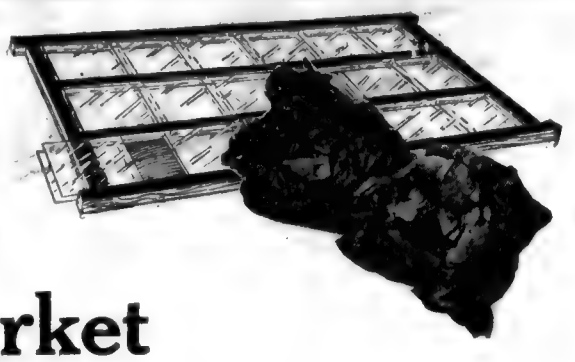
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Self-tying Rose Stakes
Adam Heim & Son Support and Rose Stake Co.
CONNERSVILLE, IND.
Write for prices.

GET OUR PRICES ON
Galvanized Wire Rose Stakes and Tying Wire
IGOE BROTHERS
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
63-71 Metropolitan Ave., BROOKLYN, N. Y.

Get the Benefit of Big Prices in the early market



The secret of success in market gardening is earliness. The Sunlight Double Glass Sash makes it easy to have the earliest and **best** plants. They will be ready as soon as the field is ready to receive them. The resulting crops will get the top-notch prices.

Sunlight Double Glass Sash lets in all the light all the time. Mats and boards for covering are no longer needed saving expense and labor.

Throughout the entire day the plants get benefit of the stimulating sunlight and earlier, better crops result.

The two layers of glass do the work. A 5/8-inch cushion of dry air between acts as a transparent blanket over the plants and protects them even in zero weather.

SUNLIGHT Double Glass Sash
for Hot-beds and Cold-frames

Agents Wanted. The wonderful success of Sunlight Double Glass Sash makes it one of the best agency propositions open to enterprising men.

Write today for information.

Get our new catalog on hot-bed sash. Prepaid freight offer. Safe delivery Guaranteed.

The Sunlight Double Glass Sash Co.
948 E. Broadway, Louisville, Kentucky

Mention The Review when you write.

A Catalogue Worth Having

Our new Boiler Catalogue is a valuable book to any florist, large or small, and everybody who has a greenhouse ought to have one of them by all means. This catalogue tells you all you want to know about greenhouse heating and tells it in a simple manner, so that everything is easily understood.

One of our large customers wrote for six copies to give to his men—he said it would make them valuable employees.

Sent free to any florist on request.
Get our Greenhouse Catalogue too.

JOHN C. MONINGER CO.
904 Blackhawk Street Chicago

Mention The Review when you write.

DON'T MISS

Looking over our adv. in April 22 and May 6 issues.
We offered some great values. Some fine Rubbers offered at $3.00 and $4.00 doz.

Our Flowering Begonias are fine.

THE REESER FLORAL CO., Urbana, Ohio



TIME IS MONEY Save ⅓ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 16c per lb. Write for prices on larger quantities.
Wm. Schlatter & Son, Springfield, Mass.

Tobacco Paper
Is the
STRONGEST,
BEST PACKED,
EASIEST APPLIED
24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" LIQUID
Furnishes the Most
Nicotine for the Money!
Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine
By far the
CHEAPEST.
Just Note Prices!
Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

Mention The Review when you write.

SAN FRANCISCO.

[Concluded from page 53.]

weather has been decidedly favorable, stocks were cut so closely for Christmas that the plants have not yet had time to recuperate.

Various Notes.

John Maxwell, the well known Napa, Cal., florist, is in town for a few days' visit.

Thos. Munroe and James Niven have purchased three acres in the neighborhood of Fairfax, Cal., with the intention of growing hardy outside flowers for the San Francisco market.

Philip Murray, until recently with Julius Eppstein, is at present with Clarke Bros. at Oakland, Cal.

John Kapplemann has severed his connection with the Thorsted Floral Co., of Oakland, Cal.

Miss K. O. Sessions, of San Diego, has shipped to the local dealers the best poinsettias received from the south this season.

The Pacific Coast Horticultural Society will give a banquet at the Palace hotel sometime in January.

The Carnegie Institute, of Washington, has withdrawn the yearly annuity which was given to Luther Burbank for the past several seasons. G.

EASTON, PA.—S. M. Merwarth & Bros. are erecting another carnation house, 85x200 feet. They expect to grow next season about 15,000 of their seedling carnation, White Diamond, which, they think, will be valuable enough so it will not belie its name. They will not offer any of the stock for sale till 1911.

DO YOUR PLANTS AND FLOWERS EAT ENOUGH?
DO YOU GET A TOP PRICE MARKET?

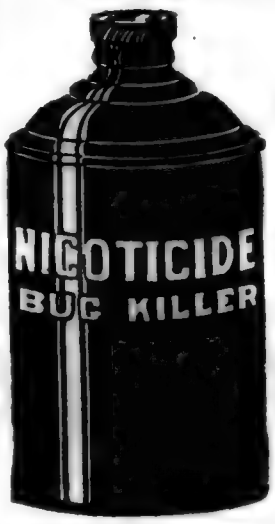


Grain fed sheep manure is Nature's fertilizer, possessing in excess those elements necessary for hardy plant life in readily available form. The large percentage of humus also makes available dormant elements in the soil.
By special process the raw material from covered pens only is dried, ground, weed seeds destroyed and packed in 100 lb. bags.
Sheep's Head brand trade-mark guarantees it to be unadulterated, reliable, safe, quick acting and a perfect plant food for plants of all kinds.
Send postal for our interesting booklet describing supply, making and applying; also prices.
WRITE TODAY.
Natural Guano Company, 300 Montgomery Ave. AURORA, ILL.

Imported Scotch Soot
100 lbs. in double lined bags at $2.50 per bag; 5 bags for $11.25; 10 bags for $20.00.
ARTHUR T. BODDINGTON, SEEDSMAN 342 West 14th Street, NEW YORK

Green Flies and Black ones too
are easy to kill with
The Fumigating Kind
Tobacco Powder
$3.00 per bag 100 lbs.
Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?
THE H. A. STOOTHOFF CO.,
MOUNT VERNON NEW YORK.

Mention The Review when you write.



THE BEST
Bug Killer and
Bloom Saver
Drop us a line and
We will
prove it
P. R. PALETHORPE CO.
Dept. A
Owensboro, Ky.

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Florists' Review
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To-Bak-Ine Products
THEY KILL BUGS
LIQUID FORM 45 per cent Nicotine
FOR SPRAYING
FUMIGATING PAPER
FOR BURNING
Fumigating Powder
FOR SLOW BURNING
DUSTING POWDER
FOR VEGETABLE GROWERS
You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.
E. H. HUNT
76-78 Wabash Ave. CHICAGO.

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KILMDEAD
The best of all the tobacco dusts for
Dusting or Fumigating
50 lbs., $1.00 100 lbs., $ 2.00 1000 lbs., $17.00
80 lbs., 1.75 500 lbs., 14.00 2000 lbs., 32.50
Stumpp & Walter Co 50 Barclay St. New York.

Mention The Review when you write.

Peerless Sulphur Blower
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago
McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

Mention The Review when you write.

WHITE FLY, SAN JOSE SCALE
and all other insects, parasites and fungi are killed by
GOOD'S Caustic Potash Whale Oil SOAP No. 3
Protects trees, plants, vegetables, fruits and flowers; enriches the soil. No salt, sulphur, or mineral oils. Endorsed by U. S. Department of Agriculture. 50 lbs., $2.50; 100 lbs., $4.50. Larger quantities proportionately less. Booklet free.
JAMES GOOD, Original Maker,
965 N. Front Street, Philadelphia

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, JANUARY 13, 1910. No. 633.

FREE TO THE TRADE

Our Florists' Catalogue

It is being mailed to the trade **this week.** If you do not receive a copy, **notify us immediately.** It contains **a full line of**

QUALITY BULBS and SEEDS

ARTHUR T. BODDINGTON, Seedsman 342 W. 14th St., **New York**

Rooted Carnation Cuttings

	100	1000		100	1000
Conquest	$12.00	$100.00	Splendor	$8.00	$25.00
Sangamo	12.00	100.00	Alvina	5.00	45.00
Mary Tolman	12 00	100.00	Aristocrat	3.00	25.00
White Enchantress	3.00	25.00	Afterglow	3.00	25.00
White Perfection	3 00	25.00	Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20 00	O. P. Bassett	6.00	50.00
May Day	6.00	50 00	Beacon	3.00	25.00
Daybreak Lawson	3.00	25.00	Victory	3.00	25.00
R. P. Enchantress	3.00	25.00	Andrew Carnegie	3.00	25.00
Winona	3.00	25 00	Gov. Deneen	6.00	45.00
Winsor	3 00	25.00			

All stock clean, healthy and well rooted.
The best that money can buy.

Chicago Carnation Co., A. T. Pyfer, Mgr. **Joliet, Ill.**

Now Ready For The

RETAIL STORE TRADE

BEGONIA PRESIDENT TAFT

Large specimens, at their best in January, $1.50 to $2.50 each.

ADIANTUM FARLEYENSE

Good value.....75c and $1.00 each

PANDANUS VEITCHII

Fine plants.....$1.50 to $3.00 each

—Price List on Application.—

J. A. PETERSON, Westwood, Cincinnati, O.

Ten Days' Free Trial

The Baur Carnation Clip

Please send without delay 10,000 more of the Baur Carnation Clips. They are the finest thing on the market. A. J. BOOTHMAN.

The Baur Carnation Clip works like a charm. Send me 10,000 more clips. B. WILLIG.

Send us no money. The cleverest device ever invented for mending **Split Carnations,** will be sent to you absolutely free, without a cent deposit. Worth many times its cost.

Outfit (1 plier and 1000 clips), $2.50. Clips: $1.00 per 1000, $1.50 per 2000, $3.25 per 5000, $6.00 per 10,000, $12.50 per 25,000, $20.00 per 50,000.

We refit old pliers free. Send them in and we will repair or promptly send you a new one.

BAUR FLORAL CO., Erie, Pa.

Azaleas

Now is the time to get ready for your Easter trade. We have a few hundred plants to offer at the same price now as they were in the fall, which are import prices of the following varieties: Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Prof. Wolters. 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

Hydrangeas

A few hundred field grown, one-shoot plants, $7 00 per 100. Satisfaction guaranteed.

Spiraea

Washingtonia .....$2.00 per dozen; $10.00 per 100

Lilies

Full cases at 1000 rate.	Per 100	1000
Giganteum, 7/9, 300 to case	$ 7.00	$ 60.00
" 9/10, 200 to case	11.00	100.00
Magnificum, 8/9, 200 to case	6.00	50.00
Auratum, 8/9, 160 to case	5.00	45.00
Album, 8/9, 225 to case	8.00	75.00

Carnation Cuttings

Now and later delivery. Beacon, Enchantress, White Enchantress, White Perfection, Winsor, $2.50 per 100; $20.00 per 1000. Winona, Lawson-Enchantress, $3.00 per 100; $25.00 per 1000. Georgia, $5.00 per 100; $40 00 per 1000. Pink Delight, $6.00 per 100; $50.00 per 1000. Also any other standard or new varieties at regular market prices.

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

New Chrysanthemums : :

Edmond Albe. Early commercial pink; mid-October; globular incurved.

Elise Papworth. Grand white; won the sweepstakes prize at the Chicago Show.

$5.00 per dozen; $35.00 per 100.

Early Monrovia. $3.00 per 100; $25.00 per 1000 plants. Rooted cuttings, $15.00 per 1000. Splendid, clean stock.

A grand collection of exhibition sorts. All the best commercials. Write for our list.

E. G. HILL CO., Richmond, Ind.

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1909	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.80	Lobelia Speciosa	$0.10	$0.50
Balsam Alba Perfecta	.10	.75	Lobelia Crystal P. Comp.	.15	1.15
Cobaea Scandens, purple	.10	.30	Smilax	.05	.25
Dracaena Indivisa	.10	.25	Stocks Cut and Come Again	.25	
Forget-Me-Not Victoria	.10	.75	Stocks Ten Weeks', mxd	.25	
Mignonette Machet	.10	.50	Stokesia Cyanea	.10	
Petunia, Calif. Giants	.25		Thunbergia	.10	.60
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00

For select strains of **VEGETABLE SEEDS,** Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our **Market Gardeners' Wholesale List,** mailed as soon as ready, upon request.

THE W. W. BARNARD CO., SEEDSMEN 108-110 W. Kinzie St., **Chicago**

...ANNOUNCEMENT...

Mr. Frank F. Benthey

formerly Manager of the Benthey-Coatsworth Co., has become identified with our house and will be glad to serve his friends as before, but at the new address. With Mr. Benthey has come to us the stock formerly sold by the Benthey-Coatsworth Co., which means

An important addition to our supply

Principal among these new consignors is Frederick J. Benthey & Co. (perhaps better known as the Benthey-Coatsworth Co.), of New Castle, Ind. Here are 11 houses (105,000 feet of glass), in Beauties, Killarneys, Richmonds, Maids and Brides—always first-class stock, none better on the market.

Always strong on Carnations and other stock. We now are especially strong on Roses.

Glad of an opportunity to serve you.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave., L. D. Phone Randolph 3619 **CHICAGO**

There is Nothing You May Want we Haven't Got

Prices certainly are low for this time of year on all kinds of stock. Quality is A No. 1. We always bill all shipments at market rates. Order of us and we certainly will give you good value.

DAHLIAS SPECIAL AT $4.50 PER 100

OFFERED SUBJECT TO PRIOR SALE

These are big, strong roots, and a little heavy to ship far by express, but the grower will hold them till spring on your order and then ship by freight if wanted that way.

300 Kriemhilde, pink cactus.
300 Amos Perry, scarlet cactus.
50 Yellow Gem, yellow cactus.
300 Grand Duke Alexis, white, ball shaped.
200 Fire Rain, scarlet decorative.
200 Victor Von Scheffel, pink cactus.
200 Harbor Light, bronze cactus.
50 Floradora, dark red cactus.
200 Arabella, primrose, ball shaped.
300 Early-flowering single reds.

These are offered by a first class grower—stock sure to please. Order at once.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

48-50 Wabash Avenue, CHICAGO

A BIG CROP OF FINE BEAUTIES

Price List

Beauties	Doz.	Beauties	Doz.
Extra long	$5.00	18-inch stem	$1.50
30-inch stem	3.00	15-inch stem	1.25
24-inch stem	2.50	12-inch stem	1.00
20-inch stem	2.00	Short stem	.75

	Per 100		Per 100
Richmond	$6 00 to $10 00	Bride	$6.00 to $10.00
Killarney	6.00 to 10 00	Maid	6.00 to 10.00
Chatenay	6 00 to 10.00	Ivory	6.00 to 10.00
Field	6 00 to 10 00	Sunrise	6.00 to 10.00
My Maryland	6 00 to 10 00	Gate	6.00 to 10.00
Uncle John	6.00 to 10.00	Perle	6.00 to 10.00

Roses, Our Selection.....$4.00 per 100

	Per 100
Carnations	$2.50 to $ 3.00
Harrisii	15.00
Valley	4.00
Violets	1.00
Adiantum	1.00
Asparagus, per bunch,	$0.50
Ferns, per 1000,	2.00

Peter Reinberg,

35 Randolph Street, CHICAGO

Easter Lilies

We call the attention of the trade to our Easter Lilies. We are cutting an average of five hundred Lilies per day. They are all from the Formosa lily bulbs and have large, heavy petals to the flowers and long stems with fine foliage. We are selling them at $10.00 per 100, or $1.50 per doz.

PRICE LIST

American Beauties	Per doz.
36 inch and over	$4.00
24 to 30 inch	3.00
20 inch	2.00
15 to 18 inch	1.50
8 to 12 inch	1.00

Richmond, Killarney, White Killarney and Bride	Per 100
Extra select	$10.00
Good lengths	8.00
Medium lengths	$5.00 to 6.00
Good short lengths	3.00 to 4.00

Maids and Perles	
Long and select	10 00
Medium	6.00 to 8.00
Good short	3.00 to 4.00

Carnations	Per 100
Extra fancy Red Bassett	$ 3.00
Extra fancy White Enchantress	3.00
Fancy Enchantress and Winsor	3.00

MISCELLANEOUS

Easter Lilies	per doz., $1.50	10.00
Lily of the Valley	$3.00 to	5.00
Asparagus, per string	$0.60	
" Sprays	2.00 to	3.00
Sprengeri	2.00 to	3.00
Ferns, per 1000	$2.00	
Smilax, per doz	2.00	
Adiantum		1.00
Galax, Green, per 1000	$1.00	
" Bronze, "	1.00	

Good Short Stem Roses, our selection.....$4.00 per 100

Buy direct of the grower and get fresh stock

Please send your orders early

BASSETT & WASHBURN,

Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. Chicago

U KNOW US! **LET'S KNOW U!**

There's many a time when you want a line
On the latest Florists' Supplies;
Folks ask something new, 'tis sad but too true
And ofttimes puzzles the wise.
To one in a fog, the Rice Kat-a-log
Is sunshine after tears;
So do not delay, just write us straightway
For the best in floral ideas.

Ribbon Specialists
The Leading Florists' Supply House
Importers—Manufacturers—Originators

M. RICE & CO.
1220 Race St.
PHILADELPHIA, PA.



Before placing your Spring order

for **Ribbon** and **Chiffon**

Inspect our line.

Business prudence demands careful selection. We solicit your patronage strictly upon the merits of our merchandise.

Samples upon request.





Wertheimer Bros.
The National Floral Ribbon House
550 Broadway, NEW YORK CITY

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved **WREATHS, MOSS WREATHS** and **METALLIC DESIGNS.**

L. BAUMANN & CO.
359 W. Chicago Ave., CHICAGO

JOS. G. NEIDINGER
1513-15 Germantown Avenue, PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WheatSheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

H. D. MANN CO.
Chiffons, Ribbons, Silk Cords,
Violet Ties, Brass and Silver
Fern Dishes and Jardinieres
A Full Line of Florists' Supplies
105 Canal St., SYRACUSE, N. Y

Lion & Company

Manufacturers of the Colonial Brand of

RIBBONS and **CHIFFONS**

114-116 Spring St., New York

Jan. 13 Fill in your name and mail us this blank.

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

.....Name

.....Address

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

LINCOLN'S IS ROSE DAY.

Carnation day, January 29, the McKinley anniversary, has not taken the popular fancy in the way it was hoped it would; let us all hope and work for the rose day now proposed—Lincoln's birthday, February 12.

Dr. J. F. Shafer, editor of the Evolutionist, is trying to establish a national custom of honoring Abraham Lincoln's memory by wearing a rose on the martyred President's birthday. Dr. Shafer sent the following notice to 100 newspapers:

A general request has been sent out asking everybody to wear a rose on Lincoln's birthday as a tribute to the memory of the immortal statesman and emancipator of a race. It is hoped that the wearing of a rose February 12 will become a national custom, observed each year not only by the race he set free but by all who honor and venerate the memory of America's most lamented president, Abraham Lincoln.

Every retail florist can help rose day by calling attention to it in his newspaper advertisements, by means of window cards and by word to his customers. Indeed, where retailers have made well considered effort some progress has been made in popularizing McKinley day and the wearing of carnations. Let everybody do his share and the use of flowers on these special days can be increased largely. Advertise, but don't raise prices; advertise, and provide some stock, but don't quit in disgust when no rush develops. Where McKinley day got its black eye was that, in the very start, a lot of people overestimated the demand, though they had done absolutely nothing to help create the call, raised prices and got stuck with a lot of carnations for which there were no customers. There are too many people in this world for anyone to be able to arouse their interest all in a moment; it takes a lot of time and stirring to get the whole mass in motion, but sentiment makes a strong appeal. Work on it.

DELIVERING CEMETERY ORDERS.

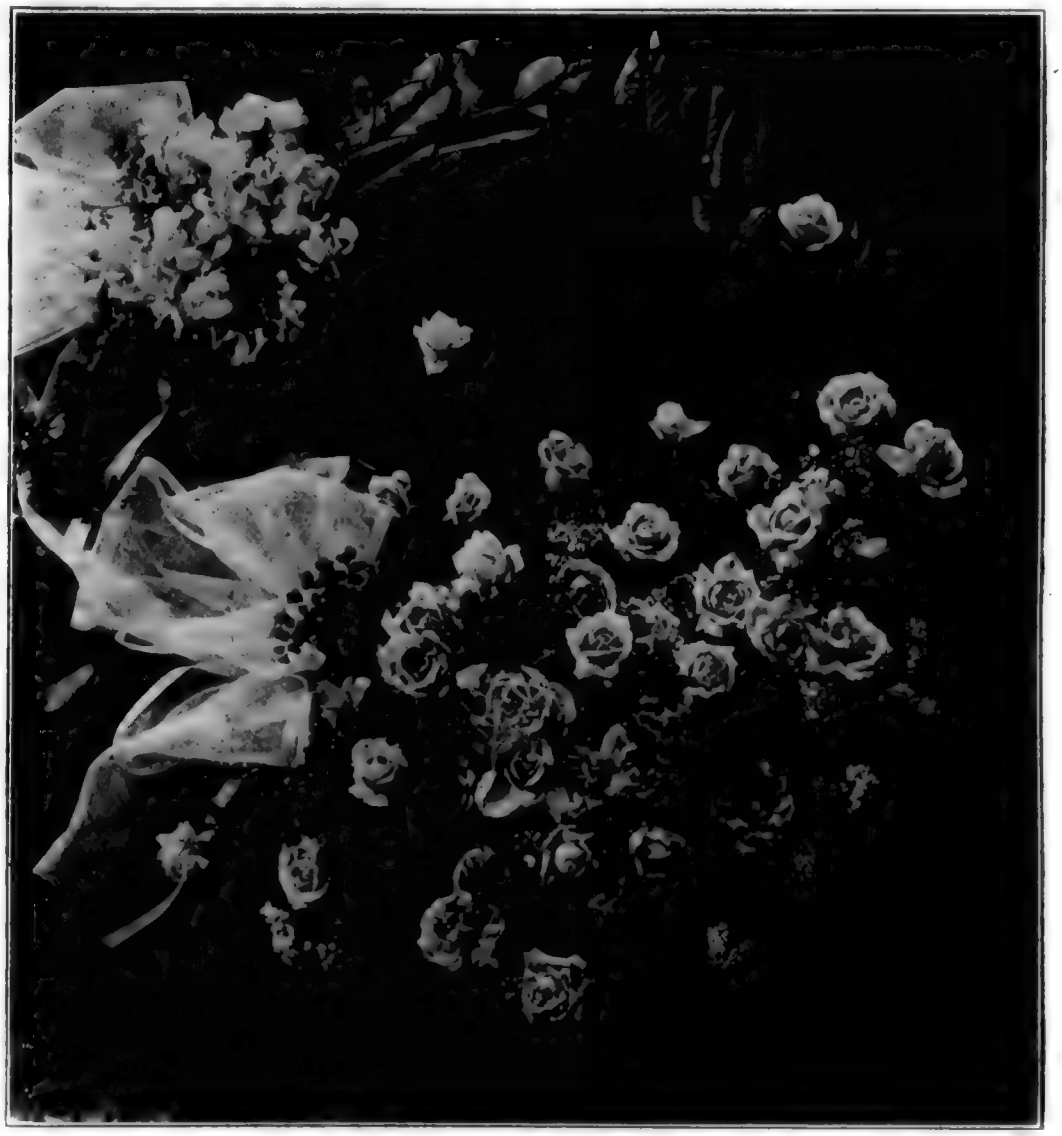
Can the readers of the REVIEW give any suggestions that will be helpful to a florist, in a small city with a population of about 7,000, who sometimes has a good run of cemetery trade, for Decoration day and other occasions? The two cemeteries are a mile from town, and there is no regular attendant to take care of the grounds or receive the flowers. In a case of this kind, does the average florist lose valuable time in looking up lots and then run the risk, after all, of finding that the flowers have been misplaced or have afterward been stolen? Sometimes we are driven almost crazy by calls from the two cemeteries to meet customers there at a certain time. If there is any good way of systematizing this work we shall be grateful for the information, for our patrons, of course, refuse to pay for flowers which have been left at the wrong place. Sometimes we have had 100 or more orders to deliver, without knowing where to place them or in whose care to leave them.

J. DUNSTAN.

WREATH ON EASEL.

The accompanying illustration of a wreath on an easel is from a photograph of a design made by the Galveston Floral Co. The wreath was of magnolia leaves, with Bridesmaid roses at the bottom and a bunch of pink sweet peas on the upper left side. A little Sprengeri was used, but the fine green mostly was Adiantum Farleyense. The chiffon added no little to the effect.

This is a design which can be varied in innumerable ways. The base of the design may be of prepared magnolia or laurel leaves, of galax, leucothoe or boxwood, and the flowers can be varied to suit individual tastes. Such a wreath ought always to bring a good price, for it never fails to please the purchaser.



Wreath of Green and Roses.

ATLANTA, GA.—W. C. Grimshaw, who for the last three and a half years has been with Alex. McConnell, of New York, has returned to this city and taken his old position with the West View Floral Co.

SMITH'S PITTSBURG STORE.

A Third Story Store.

The retail flower store of the A. W. Smith Co., Pittsburg, is notable for a number of things. To begin with, it is equipped and operated along the lines of highest class service. It also is one of the largest stores in the country, having over 100 feet of show windows. But what to many will appear as the most remarkable feature is that the store not only is on two floors, but that the largest and a most important selling room is on the third floor of the office building in which the main store occupies the corner of the street floor. The third story salesroom is reached by a private elevator from the street flower store, and by five public elevators belonging to the building proper. One of the accompanying illustrations shows this third story salesroom, where everything pertaining to the business is on display and sale. An inspection of the photograph, taken just before Christmas, will indicate that here cut flowers, plants, seeds, bulbs, baskets, vases, decorative materials and all the little side lines carried by a first-class flower store are on sale. A private telephone communicates with the main store, and pneumatic tubes convey money and orders from one section to another. During the recent holidays the third story salesroom was just as crowded as the main store, and customers generally find it as convenient to do their shopping there as in the street store.

On the third floor also are located the offices of the company, presided over by W. Jarvis Smith, the work-rooms, shipping-rooms and the large refrigerators operated by artificial cooling apparatus,



Third-floor Salesroom of the A. W. Smith Co., Keenan Building, Pittsburg, Pa.

where cut flower stock is kept. All work is made up out of sight of the customers, which adds not only to the appearance of the store but to the facility with which a large business can be handled.

The Street Store.

The main store on the first floor is one of the handsomest in the country, as a glance at the other accompanying illustration will show. As in the modern flower stores, there are no counters here, and there never is any rush or litter. On two sides there are over 100 feet of show windows, which are kept attractively decorated. Along the other side and end of the store is a mezzanine, under which is the cut flower display case, fifty-two feet long, and cooled by artificial refrigeration. Here flowers are arranged, not stored. This display case always is arranged for effect, the flowers being in brass receptacles, designed and patented by the Smith Co. The salesmen sell the stock from these display cases, and the vases are replenished from the stock box in another room. There never is any haste, noise or excitement in this store, the effort being to create an artistic atmosphere. There is a fountain plashing near the front entrance; there is music, and about the room there are cages of canary birds, which add to the charm, and it is more the rule than otherwise for customers to take seats and enjoy their surroundings after their orders have been taken and shot to the work-room through the pneumatic tubes.

No less an authority than Philip Breitmeyer says that the Smith Co. has the ideal flower shop of this country.

History of the Firm.

A. W. Smith, following a natural love for plants and flowers, put up a greenhouse in 1874. The stock he grew was handled so well that his trade kept on increasing until the concern now has thirty-five houses, but grows in them only the things which cannot conveniently be bought in the market. The output practically all is handled through the retail store. In 1892 Mr. Smith opened his first store, and about this time his sons, having completed their education and having inherited the business tastes of their father, came into the firm, in the end taking charge of the retail department and giving their father better opportunity to look after the growing end.

Last year the firm was incorporated, with the following officers: President, A. W. Smith; secretary and manager, A. W. Smith, Jr.; treasurer, W. Jarvis Smith. It was only last October that they moved into the large store in the Keenan building, with its over 9,000 square feet of floor space.

Progressive Ideas on Retailing.

The members of the Smith organization had several ideas which were unusual among florists a few years ago. One of these ideas was the necessity for system. Everything has been governed by system from the start, and they have so systematized every operation that business moves like clockwork. Another idea new at the time they began to put it into practice was that advertising is a potent and profitable influence for the retail florist who handles it the right way. Another idea was that the purchaser of small means should not be ignored, and they have always found a way to make it possible for a customer to get something pretty and good, and that he would not be ashamed to present to anyone, for a price he could afford to pay. Today, notwithstanding the large business that has been built up, A. W. Smith, Jr., will point out a sign in gold letters in one of their windows: "The Home of the Dollar Box."

They believed at the start that it pays to advertise, and now they know it, having kept at it consistently until the name is known in every home. The following is one of their advertisements now running in all street cars in the city:

"Travelers over both continents say no other flower store compares with this, not only in America but in all the world. Pittsburgers are profitably enjoying these unparalleled advantages. Have you seen our display today? You are always welcome."

BUILDING UP A RETAIL TRADE.

[A paper read before the Florists' Club of Philadelphia, January 4, 1910, by Edward A. Stroud.]

I will tell you a few of my experiences and some of the methods I have employed in conducting a retail business which I established some years ago in Overbrook.

It is possible for a florist in town to confine himself to a few departments of the business and make a success of it financially, but I do not think this is possible with a florist in the suburbs. To make his business a success he has to take up many different lines of work. He should be a landscape gardener, a grower of plants and flowers, a decorator, and, in fact, a general all-round man.

Versatility Needed in the Suburbs.

After a family has moved from the city, with its confined quarters, and few opportunities for the cultivation of their taste in the planting of their grounds, and, as a rule, with little or no knowledge in this direction, it is of vital importance



Store of the A. W. Smith Co., Keenan Building, Pittsburg, Pa.

that the suburban florist be well versed in this department, so that he may advise them wisely and correctly.

If the suburban florist is fortunate enough to have some ground in addition to his greenhouses, where he can show his customers results which may be obtained in the immediate vicinity, he could give them object lessons. This I believe would accomplish more good than any catalogue he could issue.

For example: The hardy border, with the best and up-to-date perennials; the rose garden; the spring show of bulbs, pansies, forget-me-nots, and English daisies. The peony bed, with its varieties neatly labeled. The summer garden filled with annuals and new cannas, the fall border with late asters and helianthus, followed by the hardy chrysanthemums. Some years ago there was not a May-flowering tulip in Overbrook; from the method described I sold this fall some 15,000 bulbs, and from a small bed of columbine last spring I sold 1,000 plants.

Now, of course, to carry on this business it is necessary to make desirable connections with the nurserymen, seedsmen and plantsmen, and also the wholesaler of cut flowers, acting as their agent. Let me give you an example: When Mr. A. comes along and admires a certain beautiful rose in bloom, and desires one, you take his order, go to the phone, order the same, and thus make a quick turnover with comparatively little labor.

Buying Stock Better Than Growing.

My idea of a retail business in a growing community is to use your glass principally for show houses, keeping them supplied from the large growers. It is foolish to try to compete with them in the growing line. An important factor is the sale of house plants. There is scarcely a home in which there is not a growing plant. Then, too, a great many people enclose their porches with glass in winter-time, making a temporary conservatory, to be filled with foliage and flowering plants, which of necessity must be replaced from time to time, making a profitable source of income.

The sale of Christmas and Easter plants is so universal that its importance need hardly be mentioned.

After spring comes the spring bedding, which probably, taking the whole season through, embraces the biggest volume of the work. Of late years this department has grown to such an extent that I depend entirely on the large growers of bedding plants, placing my orders early, so as to insure a good quality of stock. It seems to me there is a great deal more money made in buying geraniums at $18 per thousand out of 2½-inch pots in February, and selling them for $80 per thousand from 4-inch pots in May and June, than by growing them myself; besides, I can then confine myself to a few specialties which oftentimes I cannot buy.

Under the head of bedding plants comes the filling of porch-boxes. I have been trying to get away from the usual filled box, of geraniums, coleus, petunias, verbenas and cheap vines, using instead such decorative plants as crotons, pandanus, dracænas, ferns, etc. The cost of filling such a box as I have described is considerably more, instead of $2.50 to $3, running from $8 to $10, but wherever I have used them they have more than pleased and repaid the purchaser, the reason being that they give an immediate effect, combined with lasting qualities, if given proper attention. Also, at the approach of frost the boxes can be taken into the conservatory.

The Sale of Cut Flowers.

The sale of cut flowers is the next branch in importance. My experience has been that one cannot get, or expect to get, the same prices as the city florist receives, for the reason that in a growing community the florist caters almost exclusively to a family trade, people who want the flowers but not the frills, considering a fancy, ribbon-tied box unnecessary. I have found that people of wealth like to buy flowers frequently at moderate rates, say from $1 to $2 worth, but will not spend large amounts except on special occasions, when they will go the limit. Even so, I have found at Christmas time few among my customers who are willing to pay $3 per dozen for red carnations, or $25 per dozen for Beauties.

To meet this demand for moderate prices I have had to grow flowers which will satisfy the buyers and at the same time give me a profit. These flowers which I grow for this purpose cannot always be bought at the wholesalers'. The following varieties are some of them: Starting in the fall with the dahlias, cosmos, hardy chrysanthemums, Paper White narcissus; later on the stocks, wall-flowers, schizanthus, daisies and indoor bulbs, following with the spring flowers, peonies, sweet peas, Spanish iris, outdoor-grown bulbs, etc.

I have an arrangement by which I supply flowers once a week, on any day the customer desires, at $1 and upwards a week. This plan has met with fair success.

In decorations the public seems to have more confidence in the city florist, think-

ing that he is necessarily more up-to-date and more competent. It is only by showing the people that we are capable of the same work as the city florist that we are able to get them to trust us with their orders. Decorating and the use of flowers and plants is an art which cannot always be acquired. It is not merely the mechanical part, but the knowing how to blend colors and the proper arrangement to give the best effect. I have seen a bouquet spoiled where the mechanical work was excellent, but where the ribbon with which it was tied did not blend in color, and the trade of an artistic person was lost by this error.

Advertising is Neglected.

I feel we are in a transition stage in our business, when new methods and new ideas are needed. What was considered beautiful ten years ago is in many cases distasteful now. One point in which we are far behind other lines of business is in advertising. I would advocate the sending out with the monthly bills a small card, calling attention to some specialty which we have for sale during the next month. I am anxious to see our business put on a higher plane, to make it more of a profession, not mere labor. It is a shame to see the way the shrubbery is butchered in our suburbs, just because the work is entrusted to anyone who comes along. We are far behind our European neighbors horticulturally, and should do. As people are becoming more cultivated, the love of the beautiful is growing, and it is time for us to wake up. In many cases the public is far ahead of the florist, knowing far more about the business in general than he does.

I am afraid the desire to get money quickly has done more to put our business on a wrong basis than anything else. So many people have been advised incorrectly, and have got such poor results, after a large expenditure of money, that they have given up in despair.

In conclusion, I would not advise anyone starting a business in a suburban community, unless he is well trained and has sufficient capital to purchase enough ground to erect a store, office and greenhouse, in a prosperous locality. Even with this equipment it will require patience and probably a loss of money until one is thoroughly established, after which I see no reason why it should not be a profitable investment.

RENTING DECORATIVE PLANTS.

In all large cities there is a demand for plants for temporary decorations, and the average retailer is without conservatory space sufficient to permit him to carry this stock, so there is a field for someone to do a good business in the renting of palms and similar plants.

Appreciating the opening for this line of business in Chicago, Fred Wittbold proceeded to develop this branch for the George Wittbold Co. He has now been at it several years, and has so worked it up that last year the company received more than $18,000 for the rental of plants. The entire range of glass on the Clark street side of the city establishment is devoted to the storage of stock used exclusively by Fred Wittbold in conducting the renting department. The volume of business done hardly would be guessed at by one not familiar with the circumstances. Think of it! Eighteen thousand dollars for plants that were brought back, usually the next day!

Of course, there always is a demand for plants for wedding decorations, but Mr. Wittbold has encouraged the use of plants at funerals, and the undertakers are among his best customers. He gets $10 and up for a few hours' use of palms and ferns from hundreds of funerals each year.

Of course, the retail florists are the best customers of Mr. Wittbold's renting business. Comparatively few of the retailers undertake to carry stock of decorating sizes in sufficient quantity to keep them going; when they have weddings they simply order the plants of Wittbold. So general has the practice become that Fred Wittbold in the social season has thirty to forty wagonloads out most of the time.

The Wittbold plant-renting department, like all the other branches of the Wittbold business, has the coöperation of the Wittbold advertising department, which is in charge of Louis Wittbold, secretary of the corporation. Reproduced herewith is one of the daily newspaper advertisements for this end of the business, one that is reported to bring excellent results.



Beautiful Plants

We'll Rent or Sell Them

You'll enjoy having one of these beautiful plants. Get one for your home, rent one or two for your office, or rent a wagon load (30 plants in a load) for banquets, social functions, etc.

The price will sink into insignificance in comparison with the enjoyment you'll have with beautiful plants.

'Phone us—tell us the variety that you would like and we'll tell you the price.

No doubt you have often thought you would like to have a beautiful plant, but never took the trouble to buy one. Take the initiative now and 'phone us.

PHONE LAKE VIEW 557

WITTBOLD

737-739 BUCKINGHAM PLACE, CHICAGO

Newspaper Advertisement for the Rent and Sale of Plants.

we can only attain to their high standard by teaching the people that their grounds, gardens and plants should be taken care of by a man who has been trained in all departments of the business.

There is great need for young men in this work. I would like to see a course in floriculture started in our colleges, on the same plane as the course in agriculture. For experimental purposes the public parks could be utilized. The school gardens are a step in the right direction. I do not know what our florists' clubs are doing to help along this work, but they

HOW TO KEEP GREENS.

Will you please tell me the best way to keep galax, magnolia leaves, leucothoe sprays, and hardy and dagger ferns?

E. O. E.

There are various ways of keeping such necessary greens as leucothoe, galax, fern leaves, magnolia, etc., for use in a retail store, and all are more or less satisfactory.

Galax leaves, leucothoe sprays, fancy and dagger ferns—in fact, all greens of this nature having stems—will retain their freshness best if kept in water and stood in a cool place. Do not immerse the leaves in water; the stem only should get into the water.

In the case of leucothoe or fern leaves, keep about two or three inches of water in the receptacles. Galvanized pails are best suited for this purpose. Avoid crowding too many leaves into one pail, as this will injure the leaves.

Magnolia leaves, Italian oak, etc., which have no stem to speak of, should be kept in the same baskets in which they are received, or in boxes. In either case the air should be excluded by a wrapping of heavy paper. A layer of damp—not wet—sphagnum moss should also be kept over the leaves to preserve their freshness. These cases should then be kept in a cool, not too dry place.

If you have not the room to keep ferns, etc., in pails of water, then they may be kept in the same manner as the magnolia.

After considerable experimenting, I have found the foregoing methods the best and most practical. H. S.

TAX ON GROWING STOCK.

Attempts have been made, at various times, in various parts of the United States and with various degrees of success, to levy a tax upon the growing stock of florists. At no other time or place, however, has the movement toward such taxation been so persistent and so systematic as the present movement in Massachusetts, which was described in the Review of December 23 and December 30. Since the situation in Massachu-

setts is causing so much agitation and discussion throughout the country, the REVIEW's readers will naturally be interested in the following communication from Christ. Winterich, of Defiance, O., narrating his experience:

"In the spring of 1909 the auditor here undertook, of his own accord, to try to tax the local florists. The board of review called me three times to the office and asked me to list my plants for taxation, to the amount of at least $1,500, but I tried to put them off. The prosecuting attorney also wanted me to pay a tax on my plants, but I refused, until another florist yielded to them and paid $50 as a tax on his stock. Then a member of the board of review advised me to pay a tax of $100, in order to avoid a law suit. I did so, and at the same time I asked the board not to increase my assessment for the next five years. This was promised, but it remains to be seen whether the promise will be kept."

FORCING HYDRANGEAS.

There is much to be learned by the grower of a general stock in regard to the hydrangea before he can turn out stock that in any way approaches that grown by expert handlers of this plant. Articles have frequently appeared in the REVIEW telling how the gardeners on private estates handle the superb specimens seen at Newport and other places, also articles in Seasonable Suggestions telling when to lift, etc., but I do not remember reading a general article giving the method of handling from the stock plants up to their flowering pots. The average small grower cares nothing for this plant for Easter forcing, but he thinks much of it for Memorial day trade, and I think if you could give us an article covering the whole ground—sand bed to spring sales—it would be appreciated by many.

Some plants were brought past our place last spring on their way to the cemetery that bore heads of bloom larger than the pots they were growing in. How do the experts produce flowers on every shoot and we only on some? We had a batch of shapely, field-grown plants that were being held in a cool house, but a sudden drop in temperature has completely spoiled the large leaves, but not the terminal shoots in any case, which are plump and perfect. These are now in a carnation house. We want them for Memorial day. Will these make new leaves? A batch of June propagated stock that have been under glass all summer are about nine inches in height, with single stem. Will these bloom this spring? A pair of strong eyes push up through the surface of the soil at the base of the plants. Should these be rubbed off? G. F. B.

The culture of hydrangeas will be referred to from time to time in the cultural calendar of the REVIEW. As you state, these plants are more popular at Memorial day than at Easter with the average retail florist. They require considerable forcing to flower them for so early an Easter as we will have this year, and this early forced stock never approaches in quality such as are flowered later in the season. To give detailed culture of hydrangeas would require considerable space. I will boil it down for you.

Take cuttings of soft wood in January, February or March—the earlier in the season the better. These can be easily rooted in an ordinary propagating bench, such as carnations will root in. Pot off into 2½-inch or 3-inch pots when rooted. Grow along in a temperature of 48 to 50 degrees at night. If propagated early they may require a shift before they are planted outdoors, which should be when danger of frost has passed.

Choose a rich piece of ground. Apply water freely in dry weather. Early in October these plants can be lifted and placed in 7-inch and 8-inch pots. A few small ones may go in 6-inch pots. Keep outdoors for a while, but never let them get more than slight freezings. Place under glass (in a coldframe will answer) and keep drier at the root after the early part of November. The aim should be to ripen the wood to a nice brown color in full sun, with little frost. On the approach of colder weather store in a cellar or pit, which is frost-proof. They will need little water until started, but should be freely aired to prevent them from becoming moldy. Lifted plants which are wanted at Memorial day will not require any further potting, nor should they be pruned, unless it be to shorten some long shoot. If placed in heat early in March, starting with 50 degrees at night and advancing 5 to 10 degrees later in the season, they will flower when wanted. They can be advanced or retarded as wished. It is always well to open them in a lower temperature. They then have more substance and a better color. At all times while growing, hydrangeas require a lot of water and, once the pots are root-bound, liquid manure should be afforded twice a week. In this way only can big flower heads be secured. Plants should carry three to six flower heads each, any one of them of greater diameter than the pots they are growing in.

The other plan of growing hydrangeas is to keep them in pots all the time, giving them successive shifts from 4-inch to 6-inch and 6-inch to 8-inch pots and plunging them in a bed of ashes outdoors in a sunny spot, where they are within easy reach of the hose. From 6-inch pots grown thus I have had six large heads each and from 8-inch pots as many as eight to a dozen, but allowing three to six the plants will look well. Cuttings taken as late as June and carried over winter in 4-inch pots will give one mammoth head each if potted into 5-inch or 6-inch pots when started.

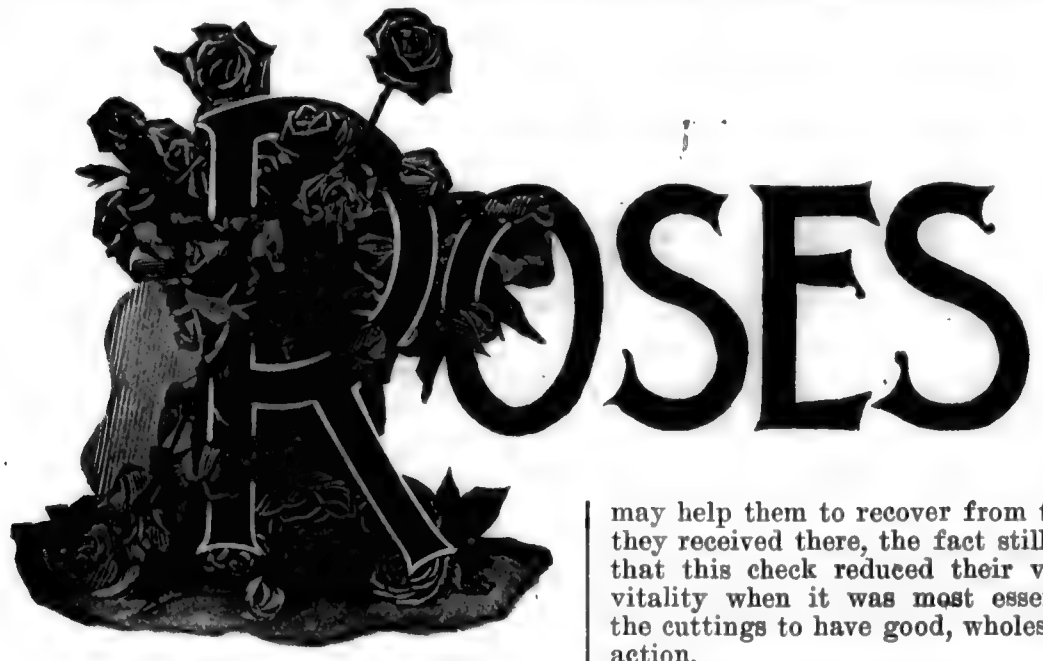
Well-ripened wood and plenty of water and feeding while growing are necessary for successful hydrangea culture. The time to prune the plants is after and not before flowering.

The loss of leaves on the field-grown plants will not harm them at all. If the buds are fresh and plump they are all right. Those in 4-inch pots may have a shift to 5-inch or 6-inch and will flower, probably giving one good head each. Leave the eyes at the base. They will send up some nice shoots, from which you can secure cuttings for another season's plants. C. W.



Fred Wittbold.

MANKATO, MINN.—The Windmiller Co. reports a satisfactory holiday trade. Red roses, carnations, poinsettias, azaleas and holly wreaths were the favorites at Christmas.



LEAFLESS ROSE PLANTS.

We are sending you by this mail one of our rose plants. We have a number that are affected this way, though not many are so bad as this one. What is the trouble with them and what is the cause and cure? We find a great many small, grayish white mites around the affected plants, and as we have sent the soil attached, you will find them. Have they anything to do with the trouble? The first sign of the disease is that the leaves begin to lose color and wilt up as though they were burnt, and then they drop off. J. W. R.

The sample did not reach me until some days after your letter. The insects had by that time made their escape. It is best to confine them in a corked bottle when sending them by mail, as they are certain to escape from a paper bag. I presume they are termites, popularly called white ants. They do not attack living tissue, but confine their depredations to dead and decaying matter.

To effect their destruction, get some bisulphide of carbon, make holes in the soil about a foot apart, pour in a few drops and then cover the holes. The fumes, being heavier than air, instead of rising will permeate the soil and kill the ants.

I could find no trace of disease in the specimen plant. The trouble seems to be poor culture. As the leaves were all gone when it reached me, I had no data to go by. The roots showed no sign of disease, but were poor for the size of the plant.

To help get the plants into good condition, give the soil a light sprinkling of wood ashes, stir the surface to the depth of one inch and water liberally. Do this at least once a week till they begin to recover, when they can have liquid food.

Keep the night temperature at 56 to 58 degrees, and the day temperature at 60 to 75 degrees, according to the sunshine. Use the syringe every bright day. Ribes.

THE PROPAGATING HOUSE.

The propagating house now requires a great deal of attention, because the quality of stock in this house leads to success or failure during the coming year, for any carelessness or neglect at this time will surely show its effects in the later condition of the plants. Many of the diseases which trouble the plants during the dark winter months are started while they are yet in the propagating bench, and though good future treatment may help them to recover from the check they received there, the fact still remains that this check reduced their vigor and vitality when it was most essential for the cuttings to have good, wholesome root action.

It takes constant attention to avoid sudden changes in temperature. Especially is this necessary when the span of the house is low and the benches are near the glass, as the cold air coming in may reach the cuttings before the temperature can be modified. It is easily seen that in a small house, with a bottom heat of from 62 to 65 degrees and a house temperature of 60 degrees, the temperature may quickly change, and it is these sudden fluctuations that cause a great deal of the trouble. So I say again, keep a constant watch on the thermometer.

The amount of moisture is also an important matter in rose propagation. The grower is required to be guided by weather conditions, but you may be on the safe side by having plenty of moisture in the air. If it is cloudy and the sand does not require water every day, put some on the walks frequently, and this will help to keep a moist atmosphere until the roots have progressed far enough to give the necessary supply.

If there has been a spell of dark weather, and then the sun comes out bright and hot, it is well to give them shade, for after a period of cloudy weather the leaves are soft and are liable to wilt if not attended to carefully.

When the cuttings are potted, the soil should be as nearly as possible of the same temperature as the sand, so as to prevent a sudden chill to the soft roots. It is practically impossible to keep the potting shed at an even temperature, for there is a constant changing of air, due to the opening and closing of doors, and therefore the young plants should not be in the shed any longer than necessary.

W. J. Vesey, Jr.

BAY TREES.

Please state a remedy for scale bugs on bay trees, also how to fix soil for bay trees to make them start, as I have two in bad shape. M. G. C.

I suppose the ordinary brown scale is the one troubling your bays. It is not easy to remove these from the foliage. You can syringe with water containing whale oil soap, kerosene emulsion or seal oil soap, also any of the special remedies used for San Jose scale. If you will lay your plants on their sides the day after applying it, use a hose to which a fine spray nozzle is attached and direct the pressure against the lower sides of the leaves, you will blow off many of the pests. Use the hose occasionally on your plants and scale will not trouble you much. In the winter the plants do not like fire heat, and should be kept in a cool pit. A little frost will not harm them in the least.

Bays in Belgium are grown in a black, peat-like soil. They succeed well in good fibrous loam to which is added some decayed cow dung and fine bone. Scratch away all the loose surface soil and give a liberal top-dressing if they do not need repotting or retubbing. C. W.

OUTDOOR SPRENGERI.

Can Asparagus Sprengeri be grown in the open field during the summer for the foliage, just as it is used from the greenhouse? If not, what would you suggest to grow outside for foliage to be used with cut flowers? H. H. G.

Asparagus Sprengeri grows splendidly planted out in rich soil in the field and, treated thus, will yield an abundance of greenery. Some of the thalictrums have nice foliage, which mixes in well with flowers. A row of these will provide you with quite a lot of useful foliage.

W. C.



DISEASED BOSTONS.

In the Review of December 30, on page 11, I notice, under the heading, "Diseased Bostons," that C. S. desires information. I would like to suggest to C. S. that a probable cause of his trouble lies in the dusting with tobacco dust. Of course I have not seen the ferns and can only surmise as to the nature of the disease, but as W. H. T. states that the injuries appear local, and I have had plants of several kinds injured by a heavy dusting of tobacco dust left on the plants several days before being washed off, I think it is just possible that this may be the trouble with these Bostons. Fred C. Morris.

CULTURE OF FERN.

I send a specimen fern. Will you kindly inform me as to the culture of it?

M. E. H.

Grow the fern in good loam, containing a little well spent cow manure and some sand, in a shaded house where the night temperature will average 50 degrees. Ferns like a moist atmosphere. W. C.



HOW WE GROW CARNATIONS.

A Visit to the Lorch Establishment.

The "carnation belt" of Pittsburg runs between Sharpsburgh and Bakerstown. At least, carnations do splendidly out there and every florist in that section is making a specialty and a success of them. Oh, yes! Good carnations are also grown in other parts contiguous to the Smoky City, which you will see when you come here to the carnation convention this month.

One of the largest and most successful growers out there is Albert Lorch. The firm is A. T. Lorch & Co., of De Haven. His crop is in splendid form just now, and he is anxious that distant growers shall visit him convention week. Albert's father was a popular German minister in Pittsburg, but from his childhood the boy had a pronounced fondness for flowers and gardening, and in his early teens he set actively and practically to work in the business. He worked for me for several years, and right proud I am of him today, his application to the business, and the success he has made of it.

Among his neighbors are John L. Wyland, or "Uncle John," as we fondly know him; S. J. Hatch, another of my old workmen, and F. H. Westhoff. They all make a specialty of carnations and a success of them. As the soil and situations of all of them are much the same and the varieties they grow and methods of cultivation are about alike, I have asked Mr. Lorch to tell you how he handles his crop, and this will practically answer for all. He says:

"We have twenty-one acres of land at Allison Park, on the B. & O. railroad, ten miles from Pittsburg and fifteen minutes' walk from the depot. Or you can reach it by the Butler short line trolley cars from Pittsburg, stopping at Sample Station. We have seven greenhouses, and all are devoted to carnations. One house is 40x300, two are 22x300, one is 30x130, one 16x120, one 12x100 and a lean-to 10x40. Our heating plant consists of one 125 horse-power and one eighty horse-power boiler, and two return tilting steam traps. As fuel we use slack and coal, also natural gas.

"We grow about 30,000 plants, mostly Lawson, Winsor, Beacon, Perfection, Enchantress, White Enchantress and some Afterglow. The Lawsons do fine with us. We have dropped Sarah Hill and Lloyd. We also buy and try about 100 each of what appear to us the most promising new sorts each year.

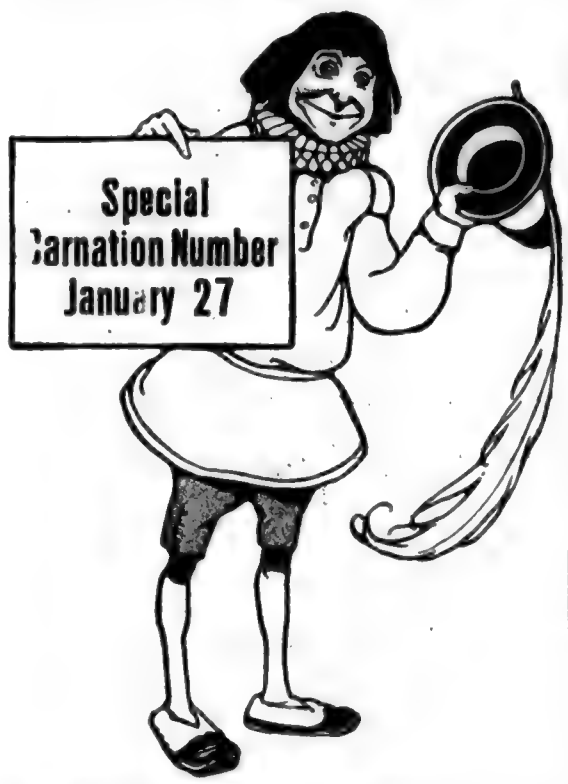
"We begin propagating early in December, using an ordinary bench for this purpose. First, we clean the bench and scald it with hot lime, then place one inch of rough cinders on it, then one inch of fine cinders on top of this, then three inches of clean, sharp river or bank sand on top of all, tamping it firmly. I find the best cuttings are those from the flower stems, and the best time to take them when the flower buds are showing color. These we insert in the sand in rows two and one-half inches apart and one-half inch asunder in the rows. Don't let warm sunshine reach them. Temperature about 50 degrees. When rooted we pot them into 2¼-inch pots, and, later, shift from these into 3-inch pots. We prefer this method to planting at once into flats or benches.

"As soon after April 1 as weather conditions permit we plant out the young stock from the pots to the field; if properly hardened off before being set out, a slight frost won't hurt them in the least. We plant in rows twenty-eight inches apart and eleven inches asunder in the rows. This gives plenty of room for using a horse cultivator between the rows, a boy leading the horse, and we cultivate in this way once a week, and hoe between the plants once in two weeks.

"We prepare the soil in the field by giving it a heavy dressing of cow manure in the fall, plowing it in and letting it lie in the rough until spring, then replow, harrow, smoothen and line off for planting. For greenhouse use we prepare the soil in the same way in the fall, and repeat the manuring, plowing in spring, and bring indoors in June.

"We begin planting in the greenhouses July 5 and stay at it with all our strength until it is finished. We ventilate freely, for carnations like lots of fresh air. And as near as practicable our temperatures run from 50 to 56 degrees.

"In fumigating, for some years we have been using hydrocyanic acid gas exclusively, and find the C. P. grades are the only ones to use. We have used the commercial grade, but got poor results. For a house 22x300 we use one-half gallon earthen glazed crocks, which we space every twenty-five feet in both center walks. In these we place one and one-half inches of water and one and one-half ounces sulphuric acid C. P. The cyanide comes in crystal form, which we first pulverize, then place two ounces in a tissue paper poke, one for each crock, which two men take to the far end of the house. Then they start to return, each in his respective walk containing the crocks, and drop one in each crock as they pass it. In this way they get none of the deadly fumes, and can get out quickly. Of course it is understood that the house is tightly closed. The best time to do this work is in the evening of a calm day. Great care must be taken with the following varieties, which will burn readily if the fumes used are too strong: Beacon, Perfection and Afterglow." WM. FALCONER.



With full report of the Pittsburg Convention and Exhibition. An extra good issue for advertisers. Send copy early.

FLORISTS' PUBLISHING CO.

334 Dearborn Street, CHICAGO

WITHERED LEAVES AND BLOOMS

I am mailing you a box containing specimens of carnation blossoms and foliage. Kindly inform me what the trouble is.

A great many of the blossoms wither in the bud or open only the outside petals. The trouble first showed itself by the ends of the leaves on the new shoots taking on a dried, dead appearance, like the enclosed samples. When the bud appeared it looked all right until the petals began to show; then they would begin to wither. The trouble was first noticed on the Red Lawson, but spread to all varieties, including White Perfection, Enchantress, etc. The plants

looked fine when benched and sent up a fine crop of buds, and no trouble was apparent until about the middle or latter part of November. There is no sign of spot on the plants.

I have grown carnations for nine years and have never had any trouble from disease of any kind until last year, when the plants showed in the late fall this dying at the ends of the leaves, but they seemed to grow out of this and there was no withering of the buds. I gave them careful cultivation and was careful in the selection of cuttings for this year. Is this year's trouble a continuation of last year's by using cuttings from those plants, or is it some deficiency in the soil? My soil was made up in the fall of 1908, of garden loam, manure (mostly cow manure), ashes and lime in the usual proportions. Will it be safe to propagate from these plants for next year?

I. L.

The specimens forwarded were in such a frozen condition that they disclosed nothing from which one could form any opinion regarding your trouble. From your letter, however, I would judge your trouble to be fairy ring or a kindred disease. The dried ends of the petals of the blooms may be caused by thrips, but they would not cause the ends of the leaves to dry up as you describe.

For the thrips I would suggest spraying regularly with one of the nicotine extracts two or three times each week until you get the upper hand. After that, once each week will be enough to keep them in check.

For the other disease, you should spray with Bordeaux mixture about once each week until the trouble disappears. You can buy this mixture in gallon lots ready for use, from your supply house. It does not pay the average grower to bother with preparing his own, when he can get it so conveniently.

You need not hesitate to use cuttings from these plants for propagating, providing they do not show any sign of the disease. A. F. J. B.

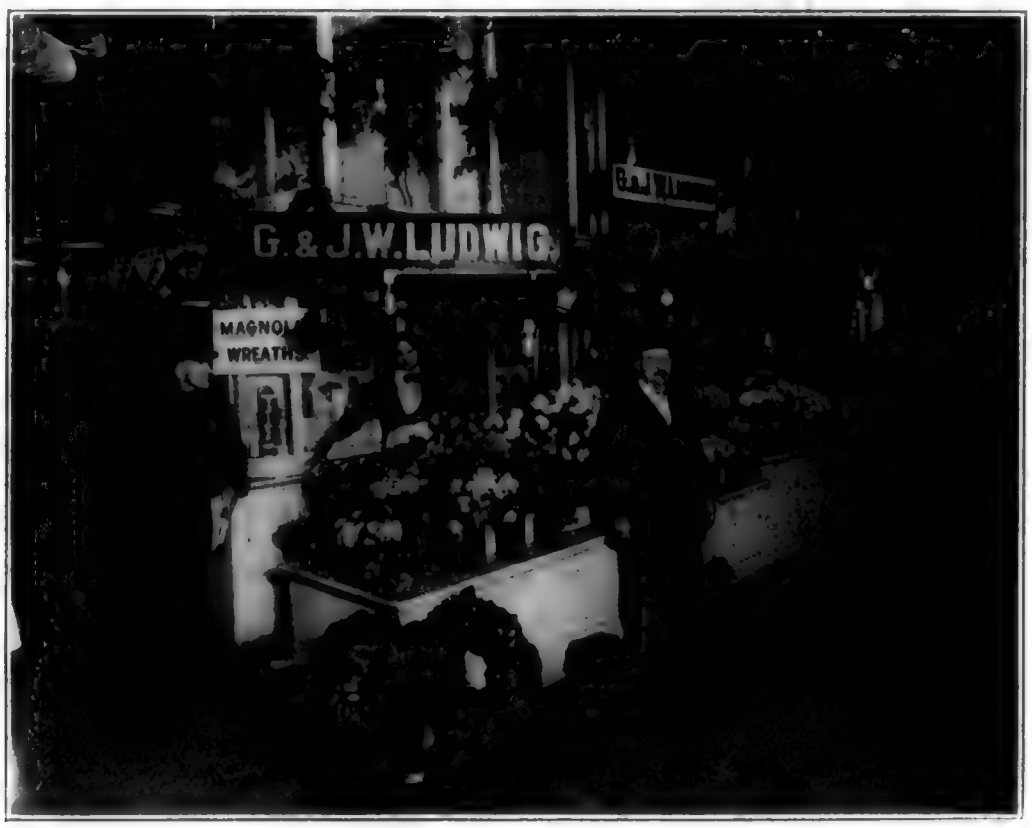
I FIND the REVIEW a cheer-up when one has the blues.—GEORGE SCHUBERT, West Hoboken, N. J.

CROP COMES SLOWLY.

Will you kindly tell me why my carnations do not bloom? The variety is Daybreak. The temperature is kept as near 50 to 55 degrees as possible. The soil is fresh compost, composed of one-half rotted manure and one-half loamy sod, rotted. They are on raised benches without much bottom heat. I have fed with liquid manure, and at last have top-dressed with fine manure. The plants are all healthy in looks and loaded with big buds, showing color, but that is all. They seem to have stood still for about three weeks. I spray a little each morning, just to keep the soil moist. C. A. S.

Your carnations' failure to come along as rapidly as might be desired might possibly be attributed to a natural decrepitude resultant from old age. It is now just about nineteen years since Daybreak was disseminated, and we thought it had died a natural death some six or eight years ago. It is at least that long since it has passed out of the wholesale markets, to give way to Enchantress and a few other varieties of the same color.

But to the point. With your plants in the condition you describe, I can hardly suggest any method by which you might hurry them along, without danger of causing splitting, etc. It frequently happens that a grower becomes impatient for a crop to come on, especially when blooms are in big demand. At such times it does seem as though the plants stood still, although they may be developing quite naturally. Cloudy weather, after prolonged bright weather, will sometimes cause slow development until the plants adjust themselves to the weather conditions. If the soil happens to be dry at the bottom the same trouble will result. A. F. J. B.



Stand of G. & J. W. Ludwig, in Allegheny Market, Pittsburg.

LUDWIG'S STAND.

Next to the French market in New Orleans, Allegheny market, at Pittsburg, Pa., is probably the most famous institution of its kind in the country. It is here that Gustave & J. W. Ludwig do business in retailing cut flowers. The accompanying illustration shows their stand, photographed about Christmas time. They do an extremely large business at all seasons, but at the holidays this year it was the heaviest on record.

SUPERPHOSPHATE OF LIME.

Kindly let me know the everyday name for superphosphate of lime and where I can purchase it. I understand it is good for sweet peas. R. G.

I do not know of any other name for superphosphate of lime, although it may have some local appellation.

This is the formula for its manufacture: One pound of bone dust, twelve ounces of sulphuric acid (oil of vitriol) and twelve ounces of water, if mixed and left to act upon each other for twenty-four hours, form superphosphate of lime. Applied as a top-dressing, mixed with half its weight of charcoal dust, it is quite beneficial to sweet peas. It should be applied at the rate of six pounds to the square rod. Superphosphate of lime should be procurable from dealers in agricultural and horticultural fertilizers.

RIBES.

BAD EFFECTS OF TAR FUMES.

We are having some serious trouble in a greenhouse which we built last summer. The house is 16x140. One side wall is seven feet high, with four feet of glass; the other is four feet high, with sixteen inches of glass. The house is benched and we used considerable coal tar on the boards, to prevent rotting. These boards were quite well dried before the house was closed in. The trouble is that the blooms fade on the plants as soon as they begin to open. The plants grown here are cyclamens, Primula obconica and Chinese primroses. Of these the worst affected are the obconicas, and next the Chinese primroses, while the cyclamens stand it best and a considerable percentage of them are unaffected. Recently we shifted a nice batch of geraniums into this house from a slightly higher temperature, and all the fine blooms faded at once.

Could you tell us the reason? We blame the fumes from the tar and are proceeding to give all the exposed tar a coat of whitewash, made of fresh lime. Do you think this advisable or could you suggest something else? We shall be grateful for any help in the matter. J. S. & S.

From the fact that coal tar was used upon the bench lumber, it is practically certain that this is the cause of all the trouble, especially as the behavior of the plants is similar to what has been observed in many houses where tar has been used.

I have never seen a house in which coal tar has been used to any extent, either upon the heating pipes or benches, in which it was possible to grow plants successfully, whatever pains might be taken to correct the difficulty. Scraping, painting and coating with cement and other materials seem to have little or no effect in getting rid of the trouble, and even when the effort has been kept up for years it has not been possible to grow plants that would be creditable.

The best thing to do is to take out everything about the house that has coal tar upon it. While tar can be burned off from iron, this remedy would not give satisfaction when upon wood.

STONEHAM, MASS.—James H. Delay has filed a petition in bankruptcy. His liabilities are $3,590; assets, uncertain.

CHRYSANTHEMUMS

SUCCESS WITH JONES MUMS.

Each year a class is provided for the Mrs. Jerome Jones chrysanthemum at the Boston exhibition, the interest from a special fund providing the prizes. Without saying anything deprecatory of the many fine white varieties introduced since the advent of Mrs. Jerome Jones over twenty years ago, it is safe to say that none of them are superior to and few the equal of that grand old variety when well done. A large vase of it at the last Boston show was more admired than any other. Having a rigid stem and magnificent foliage carried right up to the flower, its pure white, incurved blooms possess a beauty quite lacking in some of the newer introductions.

Thomas Howden, of Whitinsville, a successful mum grower, has particular success with this fine chrysanthemum, and has captured quite a number of premiums with both the white and yellow forms in Boston. He uses the same compost as for his other varieties. He believes the trouble most growers experience results from keeping it too cool. He has grown them in both boxes and pots, but got the finest flowers from the pots. After giving them their final shift he places them on an end bench in the rose house, where they do much better than when grown cool with other sorts in the chrysanthemum house.

Last season he grew some in 9-inch pots and others in boxes in a cool house all the season, but they were absolute failures. The best he ever had were in 7-inch pots, which were fed heavily. If propagated late, Mrs. Jerome Jones is not a success. James Nicol, of Quincy, makes a specialty of this chrysanthemum, and his flowers are an eye-opener to those who are under the delusion that because Mrs. Jerome Jones is old it is a back number. I believe when well grown it will give the commercial grower more money than any other variety, with the possible exception of Jeanne Nonin, which flowers a little later and realizes a good price at Thanksgiving.

W. N. CRAIG.

NOT GOOD INDOOR STOCK.

Are the following chrysanthemums of good commercial quality as cut flowers: S. Grunerwald, Parisiana White, Goacher and Carrie? What date should the buds be taken? I live in the northeastern part of Oregon. F. C. P.

Oregon is a long distance from New Jersey and, though I will try to answer F. C. P.'s inquiry in good faith, my information may not help him much.

These varieties will not make long-stemmed commercial flowers, such as the American public has been accustomed to buying. They have much the same habit and style of growth as some varieties that I distributed last year, namely, the Mary Masse family, Louis Lemaire, Coronation, Goacher's Crimson, etc. These varieties are early flowering, but they are not amenable to the style of culture generally given a chrysanthemum with us. It is almost impossible to get them to break again after the bud has been pinched out, and to get them to run up, making long stems, three feet or more in length. Grown as pot plants, however, or planted out in the garden and allowed to grow pretty much as they choose after the first pinching, they will flower profusely and give good satisfaction.

I cannot see why F. C. P. cannot grow these varieties outdoors and have good success with them. I had splendid success with Goacher's Crimson, Horace Martin, White Quintus and Marie Masse, planted outside early in May and allowed to follow their own sweet will. They were a solid mass of flowers from the middle of September onward, and while the individual stems were short, the quantity of flowers produced was prodigious. I have tried Grunerwald and Carrie inside without success here in New Jersey, but, as I have suggested, I believe they would do well outside in such a climate as I imagine Oregon to have.

There is no question as to what date the buds should be taken, because they will be producing buds right along after the first part of May. The early buds will blast and will never develop, but the buds produced in August will nearly always come good. C. H. TOTTY.

CHRYSANTHEMUM SOCIETY.

Fall Exhibition.

The executive committee of the Chrysanthemum Society of America has accepted the invitation of the Morris County Gardeners' and Florists' Society to hold its annual meeting and exhibition at Morristown, N. J., next fall.

CHAS. W. JOHNSON, Sec'y.

BULBOUS STOCK FOR SPRING.

Can tulips, jonquils, narcissi and hyacinths that were planted in the open ground in the fall produce flowers of good enough quality for funeral work, etc., the following spring? I live in the northeastern part of Oregon. F. C. P.

Yes, flowers produced on any of the aforementioned bulbs will be of just as fine quality as are produced under glass. Flowers can be kept cleaner under glass, and retarded, which is not possible with those grown outdoors. Occasionally heavy wind and rain storms will damage the outdoor stock in some measure, but you can depend on their producing flowers of excellent quality. C. W.

THE ACORN.

"Great oaks from little acorns grow," and if there is any part of the country in which the flower business is increasing faster than in another it is in the great southwest, from whence comes the accompanying illustration of the residence, grounds and greenhouse of Mrs. L. E. Wheeler. Mrs. Wheeler is located at El Campo, Tex., and styles her place the Sunset Greenhouses. She did not find that the Christmas trade called for the fifty-dollar plant combinations the New York retail florists tell about, but she nevertheless had an excellent trade, and says the business is growing steadily. While cut flowers are not called for except for special occasions, the plant trade is growing steadily. The western country is rapidly filling up, and prosperity soon comes to most of the settlers. As soon as necessities are provided for, comforts come into demand, and the florist begins to feel the increase.

CAMBRIDGE, MASS.—Robbins Bros., the florists of 630 Massachusetts avenue, are distributing among their patrons a calendar with an appropriate colored picture.



The Wheeler Place at El Campo, Tex.

looked fine when benched and sent up a fine crop of buds, and no trouble was apparent until about the middle or latter part of November. There is no sign of spot on the plants.

I have grown carnations for nine years and have never had any trouble from disease of any kind until last year, when the plants showed in the late fall this dying at the ends of the leaves, but they seemed to grow out of this and there was no withering of the buds. I gave them careful cultivation and was careful in the selection of cuttings for this year. Is this year's trouble a continuation of last year's by using cuttings from those plants, or is it some deficiency in the soil? My soil was made up in the fall of 1908, of garden loam, manure (mostly cow manure), ashes and lime in the usual proportions. Will it be safe to propagate from these plants for next year?

I. L.

The specimens forwarded were in such a frozen condition that they disclosed nothing from which one could form any opinion regarding your trouble. From your letter, however, I would judge your trouble to be fairy ring or a kindred disease. The dried ends of the petals of the blooms may be caused by thrips, but they would not cause the ends of the leaves to dry up as you describe.

For the thrips I would suggest spraying regularly with one of the nicotine extracts two or three times each week until you get the upper hand. After that, once each week will be enough to keep them in check.

For the other disease, you should spray with Bordeaux mixture about once each week until the trouble disappears. You can buy this mixture in gallon lots ready for use, from your supply house. It does not pay the average grower to bother with preparing his own, when he can get it so conveniently.

You need not hesitate to use cuttings from these plants for propagating, providing they do not show any sign of the disease. A. F. J. B.

I FIND the REVIEW a cheer-up when one has the blues.—GEORGE SCHUBERT, West Hoboken, N. J.

CROP COMES SLOWLY.

Will you kindly tell me why my carnations do not bloom? The variety is Daybreak. The temperature is kept as near 50 to 55 degrees as possible. The soil is fresh compost, composed of one-half rotted manure and one-half loamy sod, rotted. They are on raised benches without much bottom heat. I have fed with liquid manure, and at last have top-dressed with fine manure. The plants are all healthy in looks and loaded with big buds, showing color, but that is all. They seem to have stood still for about three weeks. I spray a little each morning, just to keep the soil moist. C. A. S.

Your carnations' failure to come along as rapidly as might be desired might possibly be attributed to a natural decrepitude resultant from old age. It is now just about nineteen years since Daybreak was disseminated, and we thought it had died a natural death some six or eight years ago. It is at least that long since it has passed out of the wholesale markets, to give way to Enchantress and a few other varieties of the same color.

But to the point. With your plants in the condition you describe, I can hardly suggest any method by which you might hurry them along, without danger of causing splitting, etc. It frequently happens that a grower becomes impatient for a crop to come on, especially when blooms are in big demand. At such times it does seem as though the plants stood still, although they may be developing quite naturally. Cloudy weather, after prolonged bright weather, will sometimes cause slow development until the plants adjust themselves to the weather conditions. If the soil happens to be dry at the bottom the same trouble will result. A. F. J. B.



Stand of G. & J. W. Ludwig, in Allegheny Market, Pittsburg.

LUDWIG'S STAND.

Next to the French market in New Orleans, Allegheny market, at Pittsburg, Pa., is probably the most famous institution of its kind in the country. It is here that Gustave & J. W. Ludwig do business in retailing cut flowers. The accompanying illustration shows their stand, photographed about Christmas time. They do an extremely large business at all seasons, but at the holidays this year it was the heaviest on record.

SUPERPHOSPHATE OF LIME.

Kindly let me know the everyday name for superphosphate of lime and where I can purchase it. I understand it is good for sweet peas. R. G.

I do not know of any other name for superphosphate of lime, although it may have some local appellation.

This is the formula for its manufacture: One pound of bone dust, twelve ounces of sulphuric acid (oil of vitriol) and twelve ounces of water, if mixed and left to act upon each other for twenty-four hours, form superphosphate of lime. Applied as a top-dressing, mixed with half its weight of charcoal dust, it is quite beneficial to sweet peas. It should be applied at the rate of six pounds to the square rod. Superphosphate of lime should be procurable from dealers in agricultural and horticultural fertilizers.

RIBES.

BAD EFFECTS OF TAR FUMES.

We are having some serious trouble in a greenhouse which we built last summer. The house is 16x140. One side wall is seven feet high, with four feet of glass; the other is four feet high, with sixteen inches of glass. The house is benched and we used considerable coal tar on the boards, to prevent rotting. These boards were quite well dried before the house was closed in. The trouble is that the blooms fade on the plants as soon as they begin to open. The plants grown here are cyclamens, Primula obconica and Chinese primroses. Of these the worst affected are the obconicas, and next the Chinese primroses, while the cyclamens stand it best and a considerable percentage of them are unaffected. Recently we shifted a nice batch of geraniums into this house from a slightly higher temperature, and all the fine blooms faded at once.

Could you tell us the reason? We blame the fumes from the tar and are proceeding to give all the exposed tar a coat of whitewash, made of fresh lime. Do you think this advisable or could you suggest something else? We shall be grateful for any help in the matter. J. S. & S.

From the fact that coal tar was used upon the bench lumber, it is practically certain that this is the cause of all the trouble, especially as the behavior of the plants is similar to what has been observed in many houses where tar has been used.

I have never seen a house in which coal tar has been used to any extent, either upon the heating pipes or benches, in which it was possible to grow plants successfully, whatever pains might be taken to correct the difficulty. Scraping, painting and coating with cement and other materials seem to have little or no effect in getting rid of the trouble, and even when the effort has been kept up for years it has not been possible to grow plants that would be creditable.

The best thing to do is to take out everything about the house that has coal tar upon it. While tar can be burned off from iron, this remedy would not give satisfaction when upon wood.

STONEHAM, MASS.—James H. Delay has filed a petition in bankruptcy. His liabilities are $3,590; assets, uncertain

CHRYSANTHEMUMS

SUCCESS WITH JONES MUMS.

Each year a class is provided for the Mrs. Jerome Jones chrysanthemum at the Boston exhibition, the interest from a special fund providing the prizes. Without saying anything depreciatory of the many fine white varieties introduced since the advent of Mrs. Jerome Jones over twenty years ago, it is safe to say that none of them are superior to and few the equal of that grand old variety when well done. A large vase of it at the last Boston show was more admired than any other. Having a rigid stem and magnificent foliage carried right up to the flower, its pure white, incurved blooms possess a beauty quite lacking in some of the newer introductions.

Thomas Howden, of Whitinsville, a successful mum grower, has particular success with this fine chrysanthemum, and has captured quite a number of premiums with both the white and yellow forms in Boston. He uses the same compost as for his other varieties. He believes the trouble most growers experience results from keeping it too cool. He has grown them in both boxes and pots, but got the finest flowers from the pots. After giving them their final shift he places them on an end bench in the rose house, where they do much better than when grown cool with other sorts in the chrysanthemum house. Last season he grew some in 9-inch pots and others in boxes in a cool house all the season, but they were absolute failures. The best he ever had were in 7-inch pots, which were fed heavily. If propagated late, Mrs. Jerome Jones is not a success. James Nicol, of Quincy, makes a specialty of this chrysanthemum, and his flowers are an eye-opener to those who are under the delusion that because Mrs. Jerome Jones is old it is a back number. I believe when well grown it will give the commercial grower more money than any other variety, with the possible exception of Jeanne Nonin, which flowers a little later and realizes a good price at Thanksgiving.

W. N. CRAIG.

NOT GOOD INDOOR STOCK.

Are the following chrysanthemums of good commercial quality as cut flowers: Grunerwald, Parisiana White, Goacher and Carrie? What date should the buds be taken? I live in the northeastern part of Oregon. F. C. P.

Oregon is a long distance from New Jersey and, though I will try to answer F. C. P.'s inquiry in good faith, my information may not help him much.

These varieties will not make long-stemmed commercial flowers, such as the American public has been accustomed to buying. They have much the same habit and style of growth as some varieties that I distributed last year, namely, the Mary Masse' family, Louis Lemaire, Coronation, Goacher's Crimson, etc. These varieties are early flowering, but they are not amenable to the style of culture generally given a chrysanthemum with us. It is almost impossible to get them to break again after the bud has been pinched out, and to get them to run up, making long stems, three feet or more in length. Grown as pot plants, however, or planted out in the garden and allowed to grow pretty much as they choose after the first pinching, they will flower profusely and give good satisfaction.

I cannot see why F. C. P. cannot grow these varieties outdoors and have good success with them. I had splendid success with Goacher's Crimson, Horace Martin, White Quintus and Marie Masse, planted outside early in May and allowed to follow their own sweet will. They were a solid mass of flowers from the middle of September onward, and while the individual stems were short, the quantity of flowers produced was prodigious. I have tried Grunerwald and Carrie inside without success here in New Jersey, but, as I have suggested, I believe they would do well outside in such a climate as I imagine Oregon to have.

There is no question as to what date the buds should be taken, because they will be producing buds right along after the first part of May. The early buds will blast and will never develop, but the buds produced in August will nearly always come good. C. H. TOTTY.

CHRYSANTHEMUM SOCIETY.

Fall Exhibition.

The executive committee of the Chrysanthemum Society of America has accepted the invitation of the Morris County Gardeners' and Florists' Society to hold its annual meeting and exhibition at Morristown, N. J., next fall

CHAS. W. JOHNSON, Sec'y.

BULBOUS STOCK FOR SPRING.

Can tulips, jonquils, narcissi and hyacinths that were planted in the open ground in the fall produce flowers of good enough quality for funeral work, etc., the following spring? I live in the northeastern part of Oregon. F. C. P.

Yes, flowers produced on any of the aforementioned bulbs will be of just as fine quality as are produced under glass. Flowers can be kept cleaner under glass, and retarded, which is not possible with those grown outdoors. Occasionally heavy wind and rain storms will damage the outdoor stock in some measure, but you can depend on their producing flowers of excellent quality. C. W.

THE ACORN.

"Great oaks from little acorns grow," and if there is any part of the country in which the flower business is increasing faster than in another it is in the great southwest, from whence comes the accompanying illustration of the residence, grounds and greenhouse of Mrs. L. E. Wheeler. Mrs. Wheeler is located at El Campo, Tex., and styles her place the Sunset Greenhouses. She did not find that the Christmas trade called for the fifty-dollar plant combinations the New York retail florists tell about, but she nevertheless had an excellent trade, and says the business is growing steadily. While cut flowers are not called for except for special occasions, the plant trade is growing steadily. The western country is rapidly filling up, and prosperity soon comes to most of the settlers. As soon as necessities are provided for, comforts come into demand, and the florist begins to feel the increase.

CAMBRIDGE, MASS. - Robbins Bros., the florists of 630 Massachusetts avenue, are distributing among their patrons a calendar with an appropriate colored picture.



The Wheeler Place at El Campo, Tex.

SEASONABLE SUGGESTIONS

Azaleas.

"When shall I start my azaleas so that they will flower for Easter?" That is the substance of many queries now. Everything depends upon the temperature which can be given them and the varieties being grown. Deutsche Perle, for instance, will flower in a cool house, and so will Hexe, Mme. Petrick, Apollo and Vervæneana. Six weeks from start to finish suffices to flower azaleas in an average night temperature of 60 degrees. Provided this heat is not at command, it will be better to start the plants by the first part of February. The varieties naturally late flowering should be placed in heat before the naturally early ones.

Acacia Armata.

Acacia armata, while not sold in anything like the quantities of azaleas, ramblers and some other plants, is always in fair demand at Easter. Provided the plants are being held cool, it would be well to place them where they can have some fire heat about January 20. Acacias will not stand forcing like azaleas, and a night temperature of 45 to 48 degrees is quite high enough. Grown thus, they will open slowly and possess far more substance than if forced. A. Riceana, A. heterophylla, A. Baileyana, the beautiful A. pubescens and other varieties all bloom naturally in February and March and will only require a cool, sunny house to be in their prime in late March.

Hydrangeas.

Already the earliest hydrangeas are making rapid growth and have required spacing more than once. Let them have an abundant water supply and see that green aphis is not allowed to lodge in the ends of the young growths. We do not like the temperature to exceed 50 to 52 degrees for the first few weeks, but as the flower heads show, 60 degrees or even 65 degrees at night can be given to hurry them along.

The number of hydrangeas flowered for Easter is trivial by comparison with those grown for Memorial day sales. Plants should be kept cool and somewhat dry for the latter holiday; just clear of freezings, and a dry atmosphere is what they want for some weeks yet.

Shamrocks.

There is only ten days between St. Patrick's day and Easter this year. While the extra demand for flowers on the former date is not yet very considerable, it increases each year and is well worth catering for. The sales of shamrock plants now number many thousands each season. From one or two specialists who had the field to themselves for a year or two, more and more are now dabbling in their culture. These clovers want a cool house. A temperature such as suits mignonette or violets is right for them. They sell best in small pots and pans and should be placed in these before the end of January. Use a light compost with considerable sand and some old hotbed or mushroom manure added to it.

Marguerites.

Discontinue all pinching where the marguerites are wanted for Easter trade. They should have their final potting about the end of January. Where well potbound, the water supply must be generous, and liquid manure or a scattering of a highly concentrated chemical fertilizer once a week will keep them toned up nicely. A temperature of 50 degrees at night should not be exceeded. This is a good time to take a batch of cuttings where nice, bushy plants in 6-inch pots are wanted for Memorial day or June sales.

Show Pelargoniums.

Growth on show pelargoniums becomes accelerated with the turn of the year and the plants will need spreading out once a week, and as the pots fill with roots rapidly any potting should be attended to from time to time. It will not pay to attempt flowering any of these for so early an Easter as the next will be. If wanted at Memorial day there is still time to pinch back the stronger shoots to keep the heads symmetrical, but for April flowering pinching must be discontinued. A cool, light and freely ventilated house is what these showy plants revel in.

Lilies.

The present winter is giving us some abnormally low temperatures. On many days the solar heat has been barely noticeable and, with much snow on the roofs, growth on the lilies has been rather slow. It will take considerable forcing to get the giganteum type of longiflorums in season. Provided these are now six inches or over in height, they are all right if given 60 degrees at night until buds show, and after that time 5 to 10 degrees more, according to the chances of securing them by March 27.

Be careful not to water lilies too freely in the early stages of growth. It is the fertile cause of much so-called disease. When once in active growth, with the pots filled with roots, they take an abundant water supply. Lilies are an erratic crop. Leaving disease out of the question, there is always the probability of the plants flowering two months apart, unless the tardy ones are forced and the earlier ones retarded. February will soon be here, and if buds are showing by the first part of that month they can easily be held for Easter. It should be possible to see buds not later than the middle of the month to be sure of their being in season.

Spiraeas.

It will be better to start spiræas at once to be sure of having them well open for Easter. Under a stage will answer all right for the first fortnight. Then give them a side stage in a house where 55 to 60 degrees at night is maintained. More heat can be given if they are likely to be backward. You cannot overwater these plants, and you should never fumigate them unless it be in mild doses, the foliage being somewhat tender.

MILWAUKEE.

The Market.

The continued cold and disagreeable weather was undoubtedly the cause of the inactivity in local business since New Year's. While there was considerable funeral work, still, with a liberal supply of stock in all lines, it was not enough to cut much of a figure. Roses and violets were equal to demand. Carnations of the poorer grades were at times too plentiful. The stevia supply is diminishing, while bulbous stock is coming in more heavily. The shorter stemmed Beauties are more in demand than the longer ones. Sweet peas are not any too plentiful.

The continued dark weather in December is making its effects noticeable now, for it is stated that with most carnation growers fully one-third of the cut consists of splits.

Club Meeting.

Although the weather was extremely cold, quite a number attended the club meeting held January 6, and it was the most spirited one in some time. President Dallwig called the meeting to order, and, after the routine work was completed, he called on Fred Holton to act as master of ceremonies and install the officers for 1910. This he did in a most acceptable manner.

After N. Zweifel, president-elect, took the chair, a lengthy discussion regarding the 1910 flower show took place. After a lot of matters were adjusted to the satisfaction of all, the chair named a committee to look after the guarantee list, which this year will undoubtedly be signed by members of the club only.

It was also voted, lest they might forget, to send an invitation to the American Carnation Society, which meets in Pittsburg the latter part of this month, to convene in Milwaukee in 1911. President Zweifel, who is an ardent member of the society, urged everyone to attend who could possibly get away.

The following were appointed on the standing entertainment committee for 1910: G. Rusch, chairman; Fred Holton, Wm. Zimmermann and G. H. Hunkel.

In view of the fact that the club has a comparatively small number of members, it was voted, at an extra meeting the same night, that the club would pay the initiation fees of all members whose names would be taken up at the February meeting. So there is no reason why a whole lot of employees and others should not become members at that time.

Various Notes.

August Poehlmann, of Morton Grove, Ill., called on several growers on Thursday, January 6, and spent the evening with his mother, who lives in our city. He expressed himself as well satisfied with the stock he saw.

Alex. Klokner, of Wauwatosa, vice-president-elect of the Milwaukee Florists' Club, left January 5 for California. He intends to be gone about six weeks.

Nic Zweifel, of North Milwaukee, is mourning the loss of a fine strip of trees, which up to a short time ago adorned and protected the north side of his property. This has been purchased by the Northwestern railroad, which is building a belt

line to the west. With the disappearance of the woodland, which was not his property, Mr. Zweifel anticipates an increase in the coal bill from now on.

Word was received from Watertown, Wis., January 9 that the aged mother of the Loeffler brothers, who supply the local market with extra fine violets, had died. The funeral took place January 11, with interment at Watertown.

At the office of the C. C. Pollworth Co. they say that they do not risk sending many plants these days. The heavy snowfall early last week caused their own stock to come in three hours later than usual.

Visitors: Otto Sylvester, Oconomowoc, Wis.; Mrs. Hinchliffe, Racine, Wis.; R. Alberts, La Crosse, Wis.

While reports from all around us speak of prospective coal famines, the coal men in our city gave out the news that there is still plenty of coal in local yards.

E. O.

DETROIT.

The Market.

If the first half of the first month in the year is any criterion, then 1910 will be a banner year. So far business has been most satisfactory.

Good stock is immediately taken off the hands of the commission men, and the prices received for it are satisfactory to all concerned.

Club Meeting.

Considering the importance of the subject for discussion, the meeting of the club on Monday evening, January 3, was poorly attended. There was a decided drop in the temperature during the afternoon, with a gale blowing from the north. This, no doubt, was what kept the growers at home, or rather at the greenhouses.

The subject of the evening was a discussion on having a fall flower show. After considerable debating, a motion was made by Robert Rahaley that we hold a show sometime next November and that committees be immediately appointed to go ahead with the arrangements. Some of the florists were in favor of laying the whole matter over until the next meeting night, but when the question was put the ayes won.

The committees appointed are as follows. Perhaps some changes may be made, should some of the members refuse to serve, but it is hardly possible that any will do so, as we have a list of willing workers:

Arrangement: William Dilger, chairman; E. A. Fetters, Albert Pochelon, Fred Breitmeyer, W. Taepke.
Premium: Michael Bloy, chairman; Herman Knope, W. B. Brown, Robert Klagge.
Finance: Albert Pochelon, chairman; J. F. Sullivan, Frank Danzer, August Von Boeselager.
Entertainment: E. A. Scribner, chairman; Robert Rahaley, Thomas Browne, J. K. Stock.
Publicity: Frank Danzer, chairman; J. F. Sullivan, Hugo Schroeter.

John P. Kahl was unanimously elected a member of the club.

Various Notes.

It is a question whether the fad of wearing the costly artificial flowers which were so popular in the early part of the winter cuts much figure with the sale of the fresh stock. In this city this fad has already received its death knell, at least among the better class of people. It was not long before the millinery stores started catering to this business, and all kinds of cheap imitations of flowers were seen on the streets. This naturally killed the sale of the really good artificial flowers. The writer is of the opinion that this fad has but served to increase the habit of wearing flowers, and now we florists are deriving the benefit.

B. Schroeter cut the first Formosa lilies January 2. Mr. Schroeter thinks pretty well of this lily for use as a cut flower. It is quite substantial, the petals being like leather. Coming along just when the cold storage lilies are through and before the giganteums, it fills this gap nicely.

Mrs. J. F. Sullivan is still on the sick list. She has been ailing for some time, and it is doubtful if she will be able to take her accustomed place in the store any more this season.

Neatly printed cards distributed throughout the potting sheds and offices of E. D. Smith & Co., in Adrian, bear the following words: "Work and play are both essential to mankind, but cannot be combined without impeding progress and marring pleasure; hence the old adage, 'Work while you work, play while you play.' Accuracy is the most important function of all work and is only attained by concentrated thought upon the object in view."

R. H. Ellis, of Leamington, Ont., has just installed a new eighty-five horsepower tubular steam boiler, to take care of the thirteen houses now in course of erection.

Honorable Philip Breitmeyer spent several days in New York the latter part of last week as the guest of the automobile men of that city.

Herman Klagge, son of Robert Klagge, is just recovering from a severe attack of scarlet fever.

A dancing party for the members of the Detroit Florists' Club and their friends is scheduled to take place at Harmonie hall this evening, January 13, and I think I am safe in prophesying that everyone will have a fine time. These parties are an annual affair with the club, and are looked forward to with great pleasure by the old members as well as the young.

H. S.

ST. LOUIS.

The Market.

The business done among local florists since the holidays has not been any too large. Besides funeral work there is little doing among the downtown florists, or those north and south. In the west end they say that a few weddings, balls, receptions and dinners have kept them fairly busy.

The wholesale market was well supplied last week, and one could get almost everything in season and as much of it as he wanted. Roses of all varieties are especially plentiful. Killarney, Beauty and Richmond are coming in fine. These are selling for about half what they were ten days ago. Violets are coming in more plentifully, and are down to 50 cents to 75 cents per hundred. The bright weather brought in heavy consignments from Kirkwood. Carnations, too, are more than the demand calls for, and are selling at cheap prices.

Bulbous stock is abundant. Lilies, however, are not overplentiful. Smilax and asparagus had a big call last week. Other greens also sell well.

Various Notes.

W. H. Kruse, at 2846 Arsenal street, had quite a loss by fire last week, it destroying the stable, delivery wagon and two storm buggies. The timely arrival of Mr. Kruse saved his three horses. His loss is nearly $800, partly covered by insurance. No damage was done to the greenhouses.

William H. Hill, of L. Baumann & Co., Chicago, spent a few days here last week.

The Kahrs Floral Co. has given up its store at Sixth and Locust streets. It is reported that they will reopen at the corner of Sarah and St. Louis avenues.

A. C. Brown, of Springfield, Ill., is consigning some extra fine Killarney and Richmond roses to this market.

The Academy of Science has elected Prof. William Trelease, director of the Missouri Botanical Garden, its president for the year of 1910.

Miss Matilda Meinhardt, president of the Ladies' Society of the S. A. F., called a meeting of all the local members of the society at the Washington hotel, Monday, January 10.

Charles Beyer did a fine decoration of plants at the opening of the large wholesale shoe house of Roberts, Johnson & Rand Shoe Co., last week. There were more than fifty floral pieces sent by the many friends of the firm.

Walter Weber, who has charge of the greenhouses of the H. J. Weber & Sons Nursery Co., is sending in an extra fine cut of carnations to the W. C. Smith Wholesale Floral Co.

There are quite a few applications for the office of park superintendent, left vacant by the death of George Ostertag.

The National Clock & Electric Mfg. Co. will show one of its differential temperature alarm clocks at the Florists' Club meeting this week and demonstrate its workings.

W. C. Young and his son, John, returned home Saturday, January 8, from their trip to New Orleans. They visited Florida on their return trip and report a splendid time.

Jabez Gadd, one of the old-timers, has returned to the city and is now in the employ of the Eggeling Floral Co.

C. Young & Sons Co. furnished the big Imperial ball at the St. Louis Club last week. The Ellison Floral Co. is furnishing the big, fashionable mask ball at the St. Louis Club this week, both the largest events in society this season.

The new officers of the Engelman Botanical Club are: President, H. P. Chandler; secretary and treasurer, C. W. Fullgraf. Their New Year's meeting took place January 10 in the botanical laboratory hall of the Central high school. Dr. R. R. Gates presented "The Structure of the Plant Cell," with lantern slides. The attendance was large and the first meeting in the New Year was an interesting one.

J. J. B.

WOBURN, MASS.—A storehouse attached to a greenhouse on the estate of Charles A. Sanborn, 309 Washington street, was destroyed by fire January 5.

BATTLE CREEK, MICH.—Burt & Coggan, who have greenhouses on South avenue and a store in the Arcade building, will open a store also at 11 West Main street, in this city. The new store will be one of the finest establishments in southern Michigan and will be used as the firm's headquarters, while the Arcade store will be continued as a branch. Their holiday trade was the largest in their experience, and the present outlook is most encouraging.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
THE REVIEW brings results.

COLLECTIONS are said to be good.

DID you send each debtor a statement of account January 1?

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THE REVIEW frequently receives perfectly legitimate inquiries from those whose modesty prompts them to omit name, address or other mark by which they can be identified. Anonymous inquiries never are noticed. But one to hand this week contains 50 cents to pay for a reply, with no means of identifying the sender. If that party will supply name and address, the money will be returned.

COUNCIL OF HORTICULTURE.

There will be a meeting of the National Council of Horticulture at the Auditorium Annex, Chicago, January 17, 1910, at 10 o'clock a. m., to arrange details for next year's work. All interested in exploiting horticulture along broad lines, or in other matters properly belonging to the work of the Council, are invited to coöperate. It is earnestly hoped there will be a good attendance.

H. C. IRISH, Sec'y.

OBITUARY.

H. McK. Twombly.

Hamilton McKown Twombly, capitalist and railroad man, died January 11 at his home in Madison, N. J., after a long illness. Mr. Twombly married Adele Vanderbilt, the daughter of William H. Vanderbilt, and for many years was an active figure in the direction of the Vanderbilt railroad interests. He was a director in forty railroad and other corporations.

Mr. Twombly was a patron of horticulture and was engaged, at the time of his death, in a large landscape undertaking at his estate in Madison, where Arthur Herrington is superintendent, and where a part of the glass operated by Charles H. Totty is located.

Mrs. Josephine Garland.

Mrs. Josephine Garland, wife of the late Solomon Garland, died Friday, January 7, at 715 Buckingham place, Chicago, the residence of her son-in-law, Fred Wittbold.

Mrs. Garland was 69 years of age, and was well known to the older generation of florists in and about Chicago. Solomon Garland was for years, in the early days of the industry, a leading grower for the Chicago market, and it was because of his establishment, and those of his sons, that Des Plaines became a well-known center in cut flower production. Mrs. Garland was the mother of Warren, Frank, George, Solomon, Jr., Mrs. Percy Jones and Mrs. Fred Wittbold, all the sons being growers except George, who is a greenhouse builder, and the daughters being the wives of florists, Mrs. Jones now conducting the wholesale commission business of her late husband.

The funeral was held at the old family home at Des Plaines, Ill., on the afternoon of January 10, and was largely attended, there being many flowers.

CHICAGO.

The Great Central Market.

The market was completely frozen up in the middle and latter part of last week and, in spite of moderating weather, there has been no great change this week, although conditions are slowly improving.

It is not often that business is as light in this market as it was during the below-zero days of last week. The cold was so severe and has been so long continued that nothing more than the necessary things were done by anyone, meaning an almost complete suspension of the flower business. Shipping fell away to a lighter volume than at any time this season, and the city trade was confined to a few good jobs for the retailers who cater to the social element, and to funeral work for the rank and file. About the only stock for which there was any real demand was white roses, and there was an accumulation in almost all other lines. The average prices made by carnations would hardly compare with those made in midsummer or during the time of the spring glut, and Beauties seldom have sold lower than they did last week.

The supply of stock was not large for the season, the accumulation being almost entirely due to the absence of demand. Hardly any of the flower stands about town have been operating, and these stands under favorable conditions sell an enormous quantity of stock. They are able to move large quantities at moderate prices, and they give a strength to the market which is not thoroughly appreciated until a time comes when this support is withdrawn. Then the necessity for these stands is brought out in sharp relief.

As the weather has become warmer there has been a little improvement in demand, but trade still is light and the supply in excess of the requirements. All the wholesalers feel, however, that as soon as the weather gets warm enough for people to get about in some comfort there will be a prompt increase in business and that the market will advance sharply to somewhere near seasonable values; all that is needed to tone the market up is a place to put the surplus, such as the Greek stands afford.

Beauties are in extremely large supply, of splendid quality and selling at as low prices as ever were recorded in January. Other roses are in comparatively light crop. The call for funeral work is making a good demand for short roses, and these sell relatively better than the longer grades. It is the long, fancy stock, especially of Killarney, that is moving slowly and failing to realize the price it should have. Carnations are not in specially large supply, but there are many more than the demand has required—in fact, carnations have been the wholesaler's principal problem, and some extremely low averages have been made. Violets also have suffered severely during the unusually cold weather. The demand is so largely for corsage wear that when people cannot go on the streets the sale is limited. Quality is excellent, and many retailers have been making funeral work

Fine Stock

A supply to warrant our pushing to secure new customers

Our supply is the largest and finest in the history of our house; we are doing a splendid business, but there still are buyers who might deal with us to their own profit, and the size of our supply warrants us in addressing these specially. We want your business, or a share of it. Give us part of your orders and compare our stock and our service with what you get elsewhere.

Killarney

We are especially strong on this best selling of all roses. Large cuts of a quality that leaves nothing to be desired. All lengths, but particularly heavy on select, the grade the average store uses in greatest quantity.

Beauties

Summer and winter, in season and out, year after year, we have the best Beauties in this market, and the steadiest supply.

Carnations

We want to hear from the buyers who use fancy Carnations in large lots; we can handle these orders as easily as smaller ones.

Violets

We are doing a splendid business on Violets because the buyers would rather have our Violets than any others.

Miscellaneous Stock

Sweet Peas in pink, white and lavender; excellent Jonquils; plenty of Easter Lilies, Callas, Stevia, Freesias, Paper Whites, Romans and Tulips, but the latter still are short in stem. Green goods of every kind; finest Fancy Ferns

Fancy Valley Always on Hand

We handle the **"Chicago Market Brand"** exclusively. Mr. Bruns is recognized as the leading commercial grower of Valley in the west. Many leading stores will use no other. We can supply any quantity.

Price List

AMERICAN BEAUTY	Per doz.
Long stems	$4.00
Stems 30 inches	3.00
Stems 24 inches	2.50
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00

	Per 100
Killarney, special	$12.00 to $15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Richmond, special	12.00 to 15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Maid and Bride, special	10.00 to 12.00
" " select	6.00 to 8.00
" " seconds	4.00
Mrs. Field	4 00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common and split	1.50
Select, large and fancy	2.00 to 3.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	.75 to 1.00
" " single	.75
Sweet Peas, fancy	1.00 to 1.50
Jonquils	4.00
Tulips	4.00
Valley	3.00 to 4.00
Easter Lilies, per doz., $2.00	15.00
Callas " $1.50-$2	
Stevia	1.50 to 2.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Freesias	4.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri, per 100	2 00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax, per doz., $2.00	15.00
Ferns, per 1000, 2.00	.25
Galax, bronze " 1.00	.15
" green " 1.00	.15
Leucothoe	.75
Mexican Ivy, per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

We Handle All the Advertised Articles

No Need to send long distances for a trial lot of any of the new things that come on the market—WE HANDLE them all—have them put in with your regular shipment of Supplies from us and save doubling express Charges :: ::

We Have

Johnson's Evergreen Brand Fertilizer.
Aphine, the New Insecticide.
Revero Hose, the best brand for greenhouse work.
National Clock Co.'s Temperature Alarms
and many other things that you can buy of us better than of the manufacturer. Inside prices on everything.

MAIL ORDERS OUR SPECIALTY

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

of violets because they could buy stock so cheaply.

Callas are in lighter supply than usual at this date, but Easter lilies are again plentiful. Tulips still are limited to short Proserpine and a few yellow, and go slowly. Jonquils are selling fairly well. Now and then there is a flurry in Romans, the result of a run of funeral work. Freesia seems to sell well in limited quantity. Paper Whites are doing a little better than they did earlier in the season. Sweet peas are not yet much of a factor, but give promise of popularity as soon as the crop comes on. Valley sells steadily.

The greens market is quiet, but there are light supplies of asparagus strings and smilax. A little increase in the demand and these will prove short.

Benthey-Coatsworth Co. Retires.

The market was taken by surprise January 10 by the announcement of the retirement of the Benthey-Coatsworth Co., which has done a wholesale commission cut flower business in the Atlas block since 1898. It appears from the statement of L. Coatsworth, president of the company, that the matter has been in contemplation for some time, but it was not until January 5 that a determination was reached, and the store was closed January 9. Mr. Coatsworth states that the affairs of the company will be wound up and the charter surrendered.

The principal consignor of the Benthey-Coatsworth Co. was Frederick J. Benthey & Co., New Castle, Ind., who have the greenhouse establishment built and formerly conducted by L. Coatsworth. This consists of eleven houses, something over 100,000 feet of glass, practically all in roses, the varieties being Beauty, Killarney, Richmond, Maid and Bride, with a few greens and one or two other items. Beginning January 10, this stock was consigned to Kyle & Foerster, making an important addition to their supplies. F. F. Benthey also will be associated with Kyle & Foerster.

Payne in Bankruptcy.

Henry Payne, Hinsdale, Ill., filed a petition in voluntary bankruptcy in the United States district court January 7. The same day he cut all the salable greens in his houses and let the fires go out. The liabilities scheduled total $10,400, the assets $10,100. All but about $3,090 of the liabilities are secured by mortgage on his real estate. The unsecured creditors are coal men, seedsmen,

An Aphine Test

On Sweet Peas and Double Violets

Violets and Sweet Peas a Specialty

JOHN H. SLOCOMBE
FLORIST
555 Townsend Ave.

NEW HAVEN, CONN., Dec. 13, 1909.

GEORGE E. TALMADGE, INC, Madison, N. J.

GENTLEMEN:—We grow double violets and sweet peas and so cannot use cyanide after peas are up in November. We have not yet found an insecticide that would kill green and black fly and not give the violets spot—or as cyanide kills peas, and tobacco spots, we would like to know what tests you have made on double violets and sweet peas. If your goods fill the bill we can use a lot of it. Yours truly, J. H. SLOCOMBE.

OUR REPLY

Madison, N. J., Dec. 20.—Replying to your favor of the 13th inst., we are today sending you a sample of Aphine that you may try it on your plants to see whether it will do the work for you. This will be more satisfactory to you than any promises we may make as to what Aphine will do. We will appreciate it if you will advise us of the results of your test.

THE RESULTS

New Haven, Conn., Dec. 29, 1909.—Your sample of Aphine received and tested a few days ago. It looks to us like a good thing, so we are enclosing check for $2.50 for one gallon of same. Yours truly, J. H. SLOCOMBE.

Western Union New Haven, Conn., Jan. 4, 1910.—Ship immediately C. O. D., two gallons Aphine. J. H. SLOCOMBE.

Another Public Test of Aphine

Has been arranged to be held at the Boston Flower Market, Boston, Mass., on Saturday, January 22, 1910 :: ::

(Further particulars in next week's issue of this paper.)

If you are not familiar with the new insecticide discovery, Aphine, send for descriptive circular.

If your supply house does not yet handle it, write us for the names of our nearest selling agents.

$2.50 per gallon

Used at an average strength of 1 part Aphine to 15 to 40 parts water.

Aphine Manufacturing Co., Madison, N. J.

Mention The Review when you write.

Orchids

We have large daily supplies of finest Cattleyas, $6 to $9 doz.

Also Dendrobium Formosum and all other seasonable Varieties. Order of us.

American Beauties

Large users of Beauties will find it to their advantage to get their stock of us. A big cut is on and the quality can't be beat. Prices low for the season

Freesia

We have Purity, the finest Freesia ever grown, as well as the old variety. Prices, $3.00 to $5.00 per 100.

Mignonette

No box of flowers you send out will be considered complete without Mignonette. Ours is fancy. $6.00 to $8.00 per 100.

White Lilac Now ready, $1.50 per bunch.

Valley Fancy, $3.00 to $4.00 per 100.

Violets Up-to-date stores rely on us.

Lilies $15.00 per 100.

Jonquils $3.00 to $4.00 per 100.

Killarneys, Carnations, Greens

All staple stock in large supply and fine quality.

Time to think about St. Valentine's Day Violets and other Flowers

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

McKINLEY DAY, January 29

Advertise it in the papers and in your window—and

ORDER YOUR CARNATIONS OF US

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
CARNATIONS, well, you know the grade grown around Milwaukee; if not, try a shipment.
VIOLETS, only Wisconsin grown. They have a violet odor. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write.

supply dealers, commission men who had made cash advances and Hinsdale merchants. Bassett & Washburn have a claim for coal loaned in the last several weeks with the neighborly idea of tiding Mr. Payne over his difficulties.

Club Meeting.

The interest now being taken in the affairs of the Chicago Florists' Club is shown by the fact that there were forty-one members present on the zero night of January 6, when L. H. Winterson was elected secretary. Of the eight candidates for trustee H. N. Bruns, John P. Degnan and Alex. Henderson had the highest number of votes and were declared elected, Mr. Bruns becoming chairman. These were the only contests. George Asmus was reëlected president and E. F. Winterson was reëlected treasurer. H. E. Philpott, of Winnipeg, Manitoba, was elected vice-president.

Edgar B. Washburn, of Bassett & Washburn, was elected to membership, and the following names were proposed: J. F. Dumke, 7047 Wentworth avenue; J. Fichter, 1965 Summerdale avenue; William Graff, 1332 Byron street. J. J. Shennele resigned.

The club voted to apply for membership in the Outdoor Improvement Association. T. E. Waters made a report for the committee on club badges. An auditing committee was appointed, consisting of T. C. Yarnall, H. N. Bruns and L. H. Winterson.

Over the refreshments there were interesting informal talks. Among those who spoke were W. J. Kiemel, J. C. Vaughan, H. R. Hughes, E. F. Winterson and Walter Scott, several of whom had more or less to say about wearing artificial flowers, but Victor Bergman sized this up by saying it is a passing fad, not much of a fad at that, and of no consequence to florists.

Various Notes.

The mother of the Garland family died January 7 at the residence of her daughter, Mrs. Fred Wittbold. A more extended notice appears in the obituary column.

Milo Crozer, Cedar Rapids, Ia., is in town this week.

E. C. Amling reports the receipt of orders from Indianapolis by telepost, Bertermann Bros. Co. having adopted that method of communicating with this market. Some time ago, when the wireless was operating between Kansas City and Chicago, Sam Murray was in the habit of sending Mr. Amling orders by that method. These leading retailers are nothing if not up-to-date.

J. S. Wilson, Des Moines, was in Chicago twice last week, on his way to and from Cincinnati, where he attended the funeral of Mrs. Wilson's brother.

A. F. Longren and W. C. Johnson

WESTERN

Chas. W. McKellar

ORCHIDS

51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, January 17, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to	$ 7.50
Laelia alba, white	"		6.00
Dendrobium Formosum, white,	"		6.00
Cypripediums, green, per 100, $15.00	"		2.00
Assorted, selected flowers	Per box,	$5.00 to	25.00
Gardenias	Per doz.,	3.00 to	5.00
AMERICAN BEAUTY—Specials..	"		5.00
30 to 36-in.	"	3.00 to	4.00
20 to 24-in.	"	2.00 to	2 50
15 to 18-in.	"	1.25 to	1.50
Shorter	"	.75 to	1.00
Killarney, special	Per 100		12.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
My Maryland, special	"		10.00
" select	"		8.00
" seconds	"	5.00 to	6.00
Richmond, special	"		10.00
" select	"		8.00
" seconds	"	5.00 to	6.00
Mrs. Field	"	5.00 to	10.00
Bridesmaid	"	5.00 to	10.00
Bride	"	5.00 to	10.00
ROSES, our selection, mixed	"		4.00
CARNATIONS			
Select	Per 100,	$1.50 to	$2.00
Fancy	"		3.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,	.75 to	1 00
" single	"	.75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00	"	15.00
Sweet Peas	"		1.00
Bouvardia	"	4.00 to	6.00
Paper Whites and Romans	"		3.00
Jonquils	"	3.00 to	4.00
Tulips	"	3.00 to	4.00
Stevia	"		1.50
Mignonette	"	4.00 to	8.00
Freesia	"	3.00 to	5.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
" "	Per bunch,	.35 to	.75
" Sprengeri	"	.35 to	.75
Adiantum	Per 100,	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.00
" " " "	Case 10,000,		7.50
Leucothoe	Per 100,		.75
" bronze	"		1.00
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

We have a splendid crop of

BEAUTIES, ROSES
Fancy Carnations

and will gladly have your esteemed orders. Prompt attention to all orders.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$4.00
30-inch	3.00
24-inch	2 50
18 to 20-inch	2.00
12 to 15-inch	1.50
Short stem	1.00

ROSES	Per 100
Cardinal, extra long	$15.00
" long	$10.00 to 12.00
" medium	8.00
" short	6.00
Maid, Bride, Perle, select	12.00
" " " long	8.00 to 10.00
" " " medium	6.00
" " " short	4.00
My Maryland, extra select	12.00 to 15.00
" long	10.00
" medium	6.00 to 8.00
" short	4.00
W. Killarney, Richmond, Killarney, ex. select	15.00
" " " " select, long	10.00 to 12.00
" " " " medium	6.00 to 8.00
" " " " good short	4.00
Good short stem Roses	4.00

Our Extra Special grade of Roses charged accordingly.

CARNATIONS	Per 100
Extra fancy	$ 4.00
First quality	3.00
Splits	$1.50 to 2.00
HARRISII	20.00
TULIPS, Proserpine	3.00 to 4.00
NARCISSUS PAPER WHITE	3.00
ROMANS	3.00
VALLEY	3.00 to 5.00
VIOLETS	.75 to 1.00
MIGNONETTE, large spikes	6.00
STEVIA	2.00
ADIANTUM	1.00
ADIANTUM CROWEANUM, fancy	1.50
SMILAX per doz., $2.00	
SPRENGERI, PLUMOSUS SPRAYS	3.00
PLUMOSUS STRINGS each, 60c	
FERNS per 1000, $2.00	
GALAX " 1.00	
LEUCOTHOE " 7.50	1.00
Wild Smilax per case 5.00	

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

started on the road this week with E. H. Hunt's line of Easter supplies. A. C. Brown, Springfield, Ill., is consigning E. H. Hunt some fine stock of his new seedling carnation, Superba.

Bassett & Washburn are cutting a large crop of Formosa lilies, some of them with stems four feet long.

Peter Reinberg is cutting his annual January crop of Beauties.

Winterson's Seed Store is at work getting stock in shape for the spring business in seeds.

The A. L. Randall Co. has closed its poultry annex on Lake street and disposed of the lease, the poultry supply business to hereafter be conducted in the main building on Randolph street, along wholesale lines.

Vaughan & Sperry say there is a good sale for jonquils.

George Reinberg is having some trouble with the fuel question. He is burning two to three cars of coal a day, and finds it impossible to accumulate any in the bins.

W. L. Kroeschell, of Kroeschell Bros. Co., is one of the trustees of the Independent Religious Society that has Sunday services in Orchestra hall.

Henry Van Gelder, manager of the Percy Jones business, says he thinks he made a record last week by selling a quarter of a million ferns, principally case lots, the largest sale being 20,000 to the Chicago Rose Co. He also says shipping trade is beginning to pick up again.

W. E. Lynch was on the sick list for two or three days last week.

E. E. Pieser says the only thing that has been the matter with the market is too much cold weather.

W. C. Florentine, who has been with Emil Buettner for three years, has bought eleven acres of land at Downers Grove and is preparing to build a range of greenhouses in the spring. He will begin

Colorado grown Cut Flowers

SHIPPED TO ANY CITY IN THE WEST

You Can't Beat Them

THE PIKES PEAK FLORAL CO.

COLORADO SPRINGS, COLO.

125,000 Square Feet of Glass

Mention The Review when you write.

with about 15,000 feet of glass, planting to carnations the first season, but also will grow outdoor stock.

August Poehlmann says that the Poehlmann force has been busy handling fuel and making cuttings. These zero days have made the coal fairly fly. Propagation is progressing at a rapid rate in anticipation of a large demand for young stock this season.

C. W. McKellar says the orchid market has tightened up again.

The John C. Moninger Co. has completed the addition to its factory, which increases its capacity about one-third. Work is going forward on a new catalogue of steam and hot water heating for florists only. It is understood that the Moninger Co. has concluded an arrangement with the Herendeen Mfg. Co., whereby the Chicago firm has the exclusive sale of Furman boilers in the greenhouse field.

One of the week's visitors was John Tiplady, of Lake Geneva, Wis.

Bowling.

The Florists' team in the City tournament bowled at 11 p. m. Thursday, January 6. The boys had just come from a meeting of the Florists' Club and did not make their best showing. Here are the scores:

Player.	1st	2d	3d	T'l.
A. Zech	166	179	175	520
E. F. Winterson	144	122	147	413
F. Ayers	126	151	145	422
Geo. Asmus	170	163	187	520
J. Zech	148	168	142	458
Totals	754	783	796	2333

In the two-men team contest in the City tournament A. Zech and Winterson, with a score of 1,130, were ten points inside the money.

The scores made in the Florists' League January 5 were as follows:

Carnations.	1st	2d	3d	Violets.	1st	2d	3d
Ayers	154	151	138	Bergman	176	203	186
Pasternick	141	152	173	Lorman	104	129	162
Winterson	135	178	114	Kruchten	119	142	111
Farley	182	158	147	Lieberman	160	116	149
A. Zech	158	155	142	Yarnall	148	184	155
Totals	770	794	715	Totals	707	714	763

Roses.	1st	2d	3d	Orchids.	1st	2d	3d
Fisher	169	187	200	Huebner	147	121	153
Goerisch	124	139	147	Vogel	116	115	131
Pieser	135	128	131	Asmus	137	179	160
Skafgard	122	88	136	Graff	155	166	148
Wolf	169	164	135	J. Zech	132	172	153
Totals	719	705	749	Totals	687	753	744

Western Florist Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.

DENVER, COLO.

Mention The Review when you write.

DES MOINES, IA.

The Market.

Business last week was rather slow. The weather conditions were such as to cause a slump in all lines of trade, except the coal business.

Various Notes.

Julius Ledig accepted $500 from the gas company in settlement for damage done his greenhouse stock by a leak in the main pipe in the street. His claim was for $1,000, but he thought $500 would do him more good now than to fight it out in the courts.

J. S. Wilson returned Saturday from a trip to Cincinnati, O.

The coal situation with all the greenhouse men here has been a serious problem, as most of us have been getting only enough coal to keep from freezing out. We hear that the Grosvenor Nursery Co., with greenhouses on the east side of the city, was frozen out last week.

BOOSTER.

THE REVIEW can supply any horticultural books at publishers' prices.

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$4.00
30-inch stems	3.00
24-inch stems	2.50
20 inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride, fancy	$8.00 to $10.00
" good	4.00 to 6.00
Bridesmaid, fancy	8.00 to 10.00
" good	4.00 to 6.00
Killarney, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
White Killarney, fancy	8.00 to 10.00
" " good	4.00 to 6.00
Mrs. Jardine, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	4.00 to 6.00
Perle	8.00
Roses, our selection	4.00
CARNATIONS, fancy	3.00
" good	2.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies...per doz., $2.00	
Sprengeri, bunch, $0.50 to 0.75	
Ferns.... per 1000,	2.00
Galax.... " 1.00 to	1.50

All other stock at lowest market rates.

No charge for packing.

Prices subject to change without notice.

Mention The Review when you write.

PLEASE omit my advertisements of vincas and dracænas, for they have sold them all.—DANA R. HERRON, Olean, N. Y.

Beauties

Beauties of splendid quality are in good supply with us, and we shall have a large cut for the next several weeks. The stock is sure to give satisfaction.

We have Jonquils—you need them

Carnations, Roses, Violets

SEND ALONG THE ORDERS

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

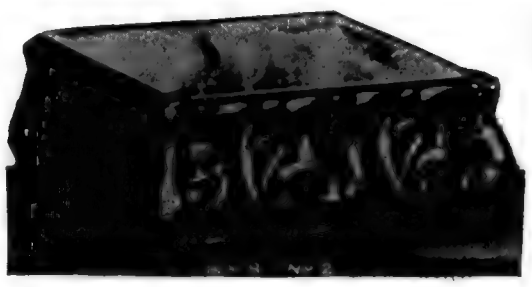
PRICE LIST

AMERICAN BEAUTY	Per doz.
36 to 40-inch stem	$4.00
24 to 30-inch stem	$2.50 to 3.00
18 to 20-inch stem	1.50 to 2.00
12 to 15-inch stem	1.00 to 1.25
Short stem	.75
	Per 100
Bride	$5.00 to $10.00
Bridesmaid	5.00 to 10.00
Killarney	5.00 to 10.00
White Killarney	5.00 to 10.00
My Maryland	5.00 to 10.00
Mrs. Field	5.00 to 10.00
Richmond	5.00 to 10.00
ROSES, our selection	4.00
Carnations, good	1.50 to 2.00
" fancy	3.00
Violets	.75 to 1.00
Valley	3.00 to 5.00
Harrisii Lilies....per doz., $2.00	
Callas " 2.00	
Tulips	3.00 to 4.00
Jonquils	4.00
Asparagus.....per string, .50	
" Sprengeri, per bunch,	.35 to .50
" Plumosus "	.50 to .75
Galax... ..... per 1000, $1.25;	.15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax.....per doz., $2.00	
Fancy Ferns.....per 1000 2.00	.25
Boxwood.....50 lb. case, 7.50	
Wild Smilax.....50 lb., 5.00	

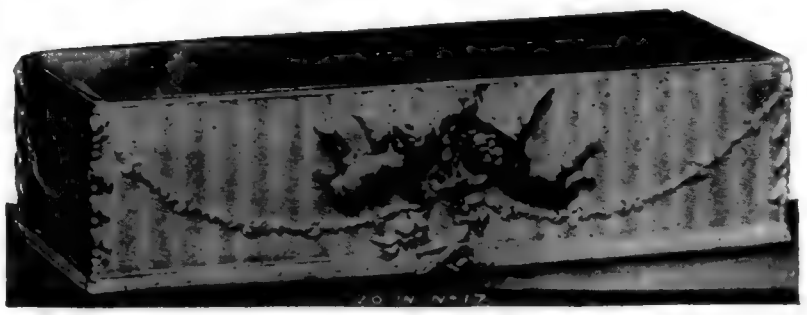
Prices subject to market changes.

A Great Success—the New

Dellwood Fern Dishes and Window Boxes



They are light, neat, attractive and are made from an unbreakable composition. They have a pan to contain the soil, with an extra drip pan below. Strong and durable. Made in antique assorted finishes, in the following sizes: 5x7 in., 8x8 in., 4x13 in., 4x18 in. and 5x20 in., and are from 4 to 5 in. high.



Complete description and list of prices, YOURS FOR THE ASKING.

Manufactured by

GOLD FURNITURE CO., 2300-2318 S. Western Ave. Chicago

N. Y. Office, E. J. SCHWABE, 814 Broadway

Distributor for principal cities in U. S.

NO MATTER

What you want---Order of us

Our supply is large in all lines and we can send you anything in cut flowers that is to be had anywhere in this market—right quality and right price.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

BEAUTIES	Per doz.
36-inch and over	$5.00
30-inch	$3.00 to 4.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00
ROSES (Teas)	**Per 100**
Bride and Maid	$5.00 to $ 8.00
Richmond, Killarney	5.00 to 10.00
White Killarney	5.00 to 10.00
My Maryland, Perle	5.00 to 10.00
Roses, our selection	4.00
CARNATIONS, medium	2.00
" fancy	3.00 to 4.00
MISCELLANEOUS	
Harrisii Lilies	20.00
Valley	3.00 to 5.00
Violets	.75 to 1.25
Paper Whites	3.00
Romans	3.00
Jonquils	3.00
Mignonette	4.00 to 8.00
Stevia	1.50 to 2.00
Sweet Peas	1.00
Callas.....per doz. $2.00	
GREENS	
Smilax Strings.....per doz.,	1.50 to 2.00
Asparagus Strings.....each,	.50 to .60
Asparagus Bunches..... "	.35 to .50
Sprengeri Bunches..... "	.35 to .50
Adiantum..... per 100,	.75 to 1.00
Ferns, Common.....per 1000,	2.00
Galax..... "	1.00
Leucothoe	.75
Boxwood.....lb., 25c	
Wild Smilax .....$2.50, $3.50 and	4.50

SUBJECT TO MARKET CHANGE.

Niessen's News Column

Adding variety to your stock, we believe, will increase your sales. Each season brings a larger variety of cut flowers and a better grade, which mean larger values. We wish to mention a few items that we can furnish of good quality and at reasonable prices.

PANSIES
$1.00 per 100 flowers.
All bright, cheerful colors, of an unusually fine strain.

PEAS
$1.00 per 100.
Pink, white and lavender.
Choice flowers and long stems.

WHITE LILAC
$1.25 per bunch.

SINGLE DAFFODILS
$5.00 per 100.

DOUBLE VIOLETS
Lady Campbell.
$1.00 per 100.
Picked the same day they are shipped to you.

DAISIES--White and Yellow
$2.00 to $3.00 per 100.

MIGNONETTE
$3.00 to $6.00 per 100.

VALLEY
Firsts: $3.00 per 100.
Fancy: $4.00 per 100.

Special

Carnations
In five hundred lots, all fancy varieties, our selection of colors, $3.00 per 100.

Narcissus Paper Whites
$2.50 per 100.
500 for $10.00.

Carnation Cuttings

See our advertisement among the classified *ads.* If we have not listed the variety that you want, write us, and we can very likely furnish it. We guarantee the stock to give satisfaction.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

White Lilacs and Daffs.

You want something new and pretty. Something that will combine with other flowers and give a touch of spring. We have it for you, White Lilacs and Daffs. White Lilacs are worth $1.00 for a bunch of a dozen heads. Golden Daffodils, Single Trumpets, bring $5.00 to $6.00 a 100.

WILD SMILAX for the Decorator.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The advance guard of spring flowers has added variety to the market earlier than usual. Tulips, freesia, daffodils and white lilac of a quality that scorns apology can be obtained in quantity this week. La Reine tulips with good stems appeared January 7, freesia of mid-season quality is now in sufficient quantity to be considered a factor, while daffodils and white lilac are coming in such numbers that the wholesalers no longer whisk them off to grace some exclusive social event, but show them with a smile pleasant to see that clearly says: "They are here when you want them."

Business is not brisk. There is not much going on socially. Production has been cut down by the cold. The market is gradually recovering from the burden of the crop that missed the holidays. Prices have fallen to a depressing point, carnations suffering especially, but the whites no longer drop below the colored sorts, for white at present figures can be used in cheap work. While the crop of good carnations is not especially heavy, it is ample for all demands. Violets, too, have dropped a point for the week ending January 12; there are more than enough for the indoor events and the outdoor demand is cut off by certain death from exposure.

Some idea of the volume of the sweet pea business can be obtained by the statement that an order for 1,000 lavender was filled by a wholesaler from a single shipment, for if you can get that number of lavender from a single grower, unaided by sunshine, a much larger number of white and more still of pink could be obtained. Sweet peas are selling, but not well.

Mignonette is in oversupply. The gardenia market is erratic. The growers have certainly solved the problem of midwinter production, for, while the demand is heavier than it ever has been, prices are falling to a point that takes the gardenia out of the diamond class. Cattleyas are a trifle easier. Bouvardia is nearly over. There is no especial demand for the excellent pansies now arriving.

The rose market is less overstocked than a week ago; Beauties have fallen to about their normal midwinter price, with the medium grades scarcer and in more active demand than the specials. White roses are a strong feature of the market. The best Brides command twice as much as the best Maids, easily bringing more than Killarney. The production of white roses is necessarily much smaller than pink, the proportion in everyday use being something like one to six. Mrs. Jardine continues to lead the pink class. Richmond has fallen back, bringing no more than Killarney, which is easily the favorite rose of the day, to judge by the quantity consumed. The demand for adiantum has been heavy, choice fronds commanding excellent prices. Shipping is brisk.

Valley in Nineteen Ten.

The Philadelphia market has for years enjoyed a reputation for fancy lily of the valley that its supporters claim was superior to anything obtainable elsewhere. This reputation was largely built up by the late Aldrich J. Pennock, known as the valley king, whose business sagacity and cultural ability placed him in the front rank of our valley forcers. Mr. Pennock's untimely death caused a crisis in the flower market, known only to a few, though none the less real. How was the demand for choice valley to be filled in nineteen ten? There were many retailers who depended on this market for their stock. Were they to be offered an inferior article or told to go elsewhere? Not at all! Philadelphia rose to the occasion. A few conferences, a little figuring, and it was all settled before anyone knew what was doing. Briefly stated, the mantle of the valley king has been divided, Walter P. Stokes has assumed one-half, while the other, with its added honors and responsibilities, will be worn by the firm of Casper & George L. Pennock. The quality of the new crop valley, which is now overlapping the old, shows that no anxiety need be felt regarding valley for the coming season.



Three Weeks

and the Social Season of 1910 will end

It is with satisfaction we find our growers in splendid shape to care for the extra demand at this time.

Beauties, Maryland, Richmond

and the two

Killarneys



in all lengths, by the dozen, hundred or thousands; quality never better; particularly strong on Beauties. Special prices in quantity.

	Special	Fancy	Extra	1st	2d	3d
Beauties.....per doz.	$ 6.00	$ 5.00	$ 4.00	$ 3.00	$2.50	$1.50
Maryland.....per 100	20.00	15.00	12.00	10.00	6.00	
2 Killarneys.... "	20.00	15.00	12.00	10.00	6.00	
Richmond..... "	20.00	15.00	12.00	10.00	6.00	
Gardenias.....per doz.	5.00	4.00	3.00	2.00		
Cattleyas..... "		9.00				
Cattleyas.....per 100		70.00				
Valley..... "	5.00		4.00	3.00		
Carnations.... "	4.00	3.00		2.00		

Ribbons Some of the choicest novelties, exclusive patterns—an endless variety to choose from. Supplies of all kinds.

Catalogue on request.

Open 7 a. m., close 6 p. m. Not open for business on Sundays

Not responsible for flowers after delivery to express company

S. S. Pennock-Meehan Co.

The Wholesale Florists of

1608-20 Ludlow St., PHILADELPHIA

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write.

Krick's Florist Novelties



Manufacturer and patentee of the Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc. (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. Just the thing for plant growers; will sustain a weight of 100 lbs.



1164-1166 Greene Ave., BROOKLYN, N. Y.

Mention The Review when you write.

Both forcers have in round numbers doubled their production and both are prepared for further increase should the need exist.

Various Notes.

Leo Niessen says that the burning question of the day is coal.

Stephen Ager spoke on "The Cultivation of Bulbs in Pots" before the Germantown Horticultural Society in the lecture room of Association hall, Monday evening, January 10.

Tomatoes grown in our greatest greenhouse made their appearance in the Philadelphia market January 6. They came from the Florex Gardens, at North Wales, and were distributed by Eugene Bernheimer, who is adding the rosy red of the tomato to the rose red of the Beauty for the time being at least.

The Floracroft Greenhouses of Walter P. Stokes were first in the market, so far as known, with La Reine tulips, January 7. They had stems, as well as flowers, and were welcome.

W. E. McKissick & Bros. have just cause to be proud of their freesia, large, pure white flowers with foliage, something like twenty-four inches of it. You know the flowers that bloom in the spring generally look as though they wish they hadn't in midwinter, to judge by the stem at least. Not so here.

Theodore Edwards, of Bridgeton, N. J., was, if I mistake not, first in the market with Trumpet Major at Christmas, a fact that should have been credited to William J. Baker.

Israel Rosnosky has just returned from a busy trip down east. He promises to be at the Fort Pitt hotel, Pitsburg, Jan-

The Florists' Supply House of America

DECORATIVE FOLIAGE

Ordinary greens are scarce and very perishable at this season. We offer in their place a far superior substitute. Beautiful and lasting. We confidently recommend our freshly received **Magnolia Leaves,** green and brown; **Adiantum Ferns, the True Maidenhair; Pteris Ferns,** in several varieties; **Asparaugs Sprays, Plumosus** and **Sprengeri, Araucaria Leaves, Tiers from Araucaria Excelsa, Sea Moss, Japanese Air Plants, Cycas Leaves** of perfect symmetry.

Send for our Illustrated Catalogue of Everything in Florists' Supplies.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

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uary 24, ahead of his carnation friends.

Stockton & Howe have been sending Berger Bros. a grade of Bride roses that make one wonder whether the growing of this rose is not a lost art outside of Princeton and one or two other favored spots. Unfortunately, John Berger has been incapacitated by a bad fall on the ice.

Robert A. Craig is pleased with a fine stock of Lorraine begonias from leaf cuttings.

The friends of Louis J. Reuter, formerly of this city, will be pleased to know that the My Maryland roses of S. J. Reuter & Son, at Westerly, R. I., are in first-class condition, along with Myers & Samtman.

Charles Henry Fox gave a silver cup for the little toy dog that had the best florally arranged cage at the toy dog show held at the Bellevue-Stratford not long ago. The winner was a tiny poodle, which was content to lie in a basket of American Beauties. PHIL.

NEW YORK.

The Market.

We had a week of old-fashioned winter weather, including a sleet storm on Wednesday that coated the entire city with ice. Business was stagnant. Many shipments were frozen, especially violets, and all through the week the night arrivals from Rhinebeck did not reach the market until after 8 o'clock in the evening, too late for the retailers' needs, and this was one of the reasons for the drop in prices. Violets have lost more than half their value since Christmas, and 60 cents per hundred Saturday and Monday would buy the best of them. Fortunately for the market, the supplies have lessened, and this holds it steady at about last week's quotations. This condition is likely to hold during the present week, as apart from the automobile show no event of importance calls for any extra quantities.

Beauties are plentiful and prices have receded to the November standard. There is an overabundance of Killarney. There have been too many carnations for daily digestion, and values are below normal. Orchids hold their own fairly well, as do

BERGER BROTHERS

WHOLESALE FLORISTS

1305 Filbert Street, Philadelphia, Pa.

Recognised Headquarters for Some of the Finest Stock Coming Into the Market.

OUR BRIDE and RICHMOND ROSES are Unequaled.

Carnations, Valley, Violets, Easter Lilies and Spring Flowers.

Our shipping facilities could not be improved. We are midway between the two railway terminals.

Mention The Review when you write.

gardenias, and the supply is not now excessive. Narcissi are hard to move at any price. Bulbous stock is fast increasing in quantity. Lilies and valley are sufficient for all possible demands.

Club Meeting.

An attendance of over 100 January 10 indicated the growing interest of the members in the progress of the Florists' Club. J. K. Allen moved that the elections of all the new officers be made unanimous. President Turner welcomed his successor and C. H. Totty escorted A. L. Miller to the rostrum, where he thanked his fellow members for the honor of the position and promised his best efforts to make the club's year successful. C. B. Weathered escorted Vice-president Manda to the platform and Mr. Manda gave a pithy and interesting address, referring to his twenty years of membership, his appreciation of the honor and his belief that 1910 would be a banner year for the club. Secretary Young and Treasurer Rickards, both reëlected, reaffirmed their loyalty and their appreciation of renewed confidence. Harry Bunyard, the new trustee, said the Florists' Club was known in the United States and throughout the world, both of which countries he had visited, and that the awards made by it were considered of the highest value everywhere. F. R. Pierson, as trustee, promised an active attention to the club's welfare, and Phil Kessler followed in a similar strain. C. H. Totty responded for William Duckham in his absence.

The special plant committee reported progress. Resolutions on the death of John Seligman were read and a copy of same ordered sent to his family. C. H. Totty, for the committee appointed to entertain the American Rose Society, reported progress and promised a full re-

NEW CROP
Flower Seeds
For Florists Are Now Ready



Absolutely Free!

In order to further acquaint the florists with Michell's High Grade **Flower Seeds**, we will send (if requested), during the month of January, with every order of **Flower Seeds** which amounts to $5.00 and over, a

Florists' Budding Knife

Made of the finest English steel, white handled, with two blades, brass lined, a knife that is sold by us for $1.25.

Guaranteed in Every Respect

Send for our Handy Flower Seed Order Sheet.
Our General Wholesale Catalogue Now Ready.

DAHLIA ROOTS

(Best commercial varieties.) (Strong field grown clumps.)

Plant now to obtain cuttings for outdoor spring planting.

	Each.	Doz.	100
Jack Rose. Color of Jacq. Rose	$0.30	$3.00	$25.00
Mrs. Roosevelt. Light pink, shaded lighter toward petals	.15	1.50	10.00
Mme. Van den Dael. Pink, shell pink shaded deep rose pink	.15	1.50	10.00
Mme. A. Lummiere. Pure white, with deep red shading on tip	.15	1.50	10.00
Delice. Soft pink, suffused lavender	.30	3.00	25.00
White Century. Glistening white	.15	1.50	10.00
20th Century. Rosy crimson, petals tipped white, white disc around center	.15	1.50	10.00
Storm King. Pure white	.15	1.50	10.00

Amos Perry. Bright scarlet
Burbank. Rich brilliant
Columbia. Bright scarlet, tipped white
Prince of Yellow. Canary yellow
Aegir. Cardinal red
Aunt Chloe. Rich black maroon
Countess of Lonsdale. Amber and salmon combined
Kriemhilde. White center, tipped rose
Mary Service. Apricot, shaded orange, tipped purple rose
Mrs. J. J. Crowe. Clear yellow
Charm. White in center, edged yellow and salmon
Mrs. D. B. Crane. Pure white
Pink Pearl. Pink-white towards center
Volker. Canary yellow
Winsome. Pure white
Arabella. Primrose, shaded pink and lavender
A. D. Livoni. Clear pink
Miss Dodd. Pure yellow
White Swan. Pure white
Perle D'Or. Pure white
Lyndhurst. Bright scarlet
Wm. Agnew. Dazzling scarlet
C. W. Bruton. Clear yellow

10c each; $1.00 per dozen; $8.00 per 100.

HENRY F. MICHELL CO.
Seed Growers and Merchants
Market St. above 10th St., Philadelphia, Pa.

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Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address
ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

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Ribbons that create a lasting impression

fresh from our mills daily—**Taffetas, Satin Taffetas, Messalines**—rich, lustrous ribbons your trade will like. Prices and samples on application.

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH STREET

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port at the February meeting. J. H. Pepper reported for the transportation committee, announcing a rate of 2 cents per mile via the Pennsylvania railroad to the Pittsburg carnation convention, providing ten are in the party, making the cost $8.40 each way, and $2.50 for Pullman accommodations. The rear of the Pullman was guaranteed cool and at the disposal of the carnationists who desired to take their exhibits along. The secretary was instructed to send a notification to each member of the club. A goodly number have already signified their intention of attending. Those desiring to go are requested to send word at once to Mr. Pepper.

C. H. Totty, for the awards committee, reported a visit to the Cottage Gardens, Queens, L. I., December 16, to see the carnation, Mrs. C. W. Ward. The committee gave it eighty-eight points and confirmed the granting of the preliminary certificate.

Messrs. Kessler, De Forest, McKnight and W. H. Siebrecht, Jr., were elected to membership and after a public introduction each one then present addressed the club and promised his best efforts on its behalf. Charles McTaggert, W. H. Kuebler, S. Masur and H. H. Halse, treasurer of the Wilson-Hoyt Co., were proposed. The resignation of George Sykes, of the Lord & Burnham Co., Chicago, was accepted with regret.

W. F. Sheridan moved for a committee to arrange for the annual dinner on the same lines that made the last one such a success. The following committees were appointed:

Legislative: Patrick O'Mara, C. B. Weathered, F. R. Pierson.
Essay: W. F. Sheridan, J. H. Pepper, John Young.
Awards: C. H. Totty, Harry Turner, William Duckham, I. S. Hendrickson, F. H. Traendly, Robert Simpson, Chas. Weber, W. H. Siebrecht, Sr.
Exhibition: A. J. Manda, W. E. Marshall, R. E. Berry, Jas. Scott, J. Roehrs, Jr.
House and entertainment: J. B. Nugent, R. M. Schultz, Robert Koehne.
Outing: Harry Bunyard, Andrew Wilson, W. G. Badgley, J. K. Allen, Henry Weston, Philip Kessler, Jos. Manda, John Rassbach, Robert Wilson, Charles Schenck, John Birnie.
Dinner: W. F. Sheridan, J. B. Nugent, Charles Schenck, C. H. Totty.

Invitations to the annual smoker of the Morris County Gardeners' Society, Wednesday evening, January 12, were acknowledged with the thanks of the club. The Greek-American Florists' Association also sent an invitation to the club for its annual ball January 17.

The treasurer's report was read by

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



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W. C. Rickards and gave great satisfaction, showing a balance of $3,863.35 in the treasury.

After the intermission Edwin Pierson and W. H. Siebrecht, Jr., were introduced and made interesting addresses. The new address of the club's secretary was announced as Room 806 of the Childs building, 110 West Thirty-fourth street. Touching resolutions on the death of the New York Florists' Bowling Club were read by Captain Berry. Tributes and criticisms were made by Messrs. Nugent, Weathered and Faulkner.

An abundance of liquids and turkey constituted the promised "blow-out" of the new president and Mr. Nugent presided at the carving. Thanks were given the outgoing officers on a rising vote and to Mr. Miller for, as Robert Berry expressed it, his magnanimity and generosity.

A vase of handsome pink carnations was exhibited by E. N. Engren, of Aqueduct, L. I., and eighty-five points and a preliminary certificate rewarded his enterprise.

Various Notes.

The plantsmen did a good New Year's trade, and everything was cleaned up to their satisfaction. With Easter a little over ten weeks away, they are already setting their houses in order. The outlook is for a grand supply of everything in flowering plants, and the earliness of Easter this year makes a careful planning necessary. The movement to make the date of Easter permanent meets with their hearty approval.

Harry Jacobs, of S. Jacobs & Sons, Brooklyn, has been suffering from an attack of pneumonia, G. E. Bradshaw from la grippe, and A. J. Guttman from another of Job's comforters.

Much sympathy is expressed for Oscar Boehler, of West Hoboken, because of the serious damage done his greenhouse plant by fire last week.

President Pierson, of the S. A. F., has honored the New York Florists' Club by appointing two of its officials, its president and vice-president, as state vice-presidents of the national society.

The Pittsburg carnation convention will draw a goodly deputation from New York, including President Pierson and ex-President Traendly, of the S. A. F., and several of our carnation enthusiasts and specialists. The club members can correspond with Secretary Young at his office in the Childs building, West Thirty-fourth street, and arrange for transportation, etc.

The Greek-American Florists' Association will celebrate Monday evening, January 17, by holding its third annual ball at Terrace garden, Fifty-eighth street and Lexington avenue. The larger hall was made necessary by the great success of last year. The committee is an excellent one, and the old war horses, Messrs. Nicholas, Cotsonas, Lecakes and Christatos, will keep the reputation of the society bright. A great crowd is assured and an excellent entertainment.

L. W. Wheeler, of California, formerly treasurer of the New York Florists' Club, will be in the city this week.

The seedsmen's catalogues are going out in a mighty flood daily, and all the houses have spread themselves this year in artistic covers and increased size and fine engraving, anticipating the increased demand of the coming prosperous season.

J. C. Spencer, of Utica, is visiting his daughter at Mount Vernon, and attended the club meeting Monday evening.

Mayor Breitmeyer, of Detroit, was in New York last week, attending the auto show, and while in the city was intro-


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States Hinsdale, Mass.

Mention The Review when you write.

THE KERVAN CO.

113 W. 28th St., NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.
Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.
Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.

FERNS and GALAX New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.
Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

Mention The Review when you write.

Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.

EVERGREEN, ALA.

Mention The Review when you write.

Southern Wild Smilax Ferns, Pines, Palms, Holly

Louisville Floral Co., Louisville, Ala.

Mention The Review when you write.

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.

New Reduced Price List



To fit	Per doz.	100
4-in. pots	$1.00	$ 7.00
5-in. pots	1.10	8.00
6-in. pots	1.20	9.00
7-in. pots	1.35	10.00
8-in. pots	1.60	12.00
9-in. pots	1.85	14.00
10-in. pots	2.10	16.00
12-in. pots	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
W. H. GREVER, Manager
146 Hughes Avenue, BUFFALO, N. Y.

Mention The Review when you write.

Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross
NOTHING LIKE IT FOR THE MONEY
Gustave Schroeder, Artificial Flower Manufacturer
1524 Prospect Ave., Cleveland, O.
Samples sent on receipt of 16c to cover postage.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.35 per 1000.
Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.
J. N. PRITCHARD, Elk Park, N. C.

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Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS
CUT FLOWERS OF ALL KINDS



Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.

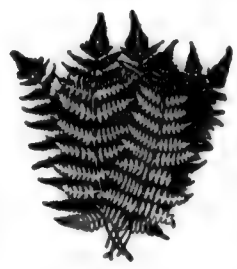


15 Province St., and 9 Chapman Place, BOSTON, MASS

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $1.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. BANNERS ELK, N. C.

Mention The Review when you write.



Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Mention The Review when you write.

WHOLESALE PRICE LIST

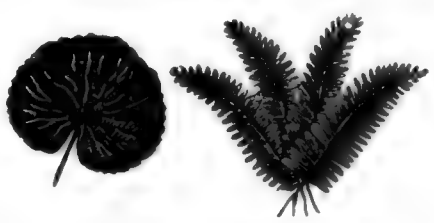
GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50	per 1000
Galax, green, violet size, 2 to 2½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

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GALAX LEAVES. DAGGER FERNS.

Dagger Ferns or Fancy Galax Leaves, bronze or green; all A-1 stock, guarante n also send samples. Once tried you will always use our stock. **A. L. FORTUNES**
70 Liberty Street, Brooklyn, N. Y.

Mention The Review when you write.

Galax, Ferns, Holly, Leucothoe

Galax, bronze, 5000 case, $2.25; 1000, 50c.
Ferns, dagger, 70c per 1000.
Leucothoe, green or bronze, $2.00 per 1000.
Holly, full berried, 50-lb. case, $2.00.
Green Sheet Moss, 50-lb. bale, $1.60.

This advertisement is good for 30 days. Cash with order. F. O. B. First-class stuff.

GRANT PRESNELL, Del Rio, Tenn.

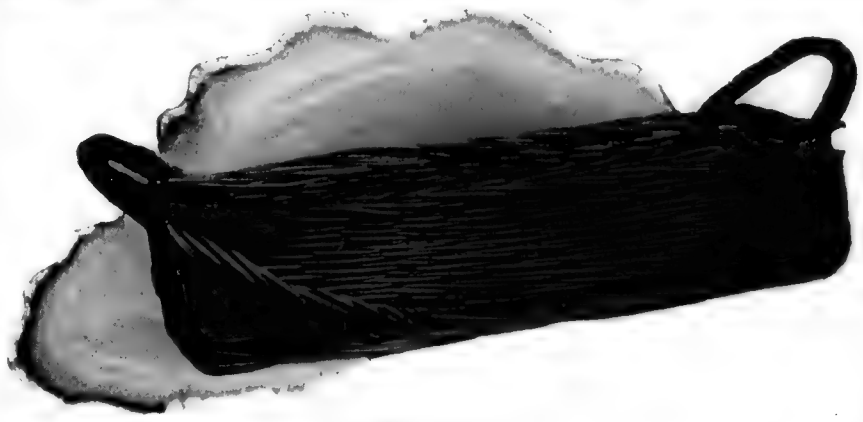
Always Mention the Florists' Review when writing advertisers

duced to Mayor Gaynor by his friend Harry Bunyard.

A. T. Boddington received this week a carload of cannas from his growers and shipped a carload to the Winterson Seed Store, Chicago.

John Saxe, senior member of the well-known firm of Saxe & Floto, Waterbury, Conn., has just passed under an operation for appendicitis and his speedy recovery is hoped for.

W. A. Sparling, secretary of the Stumpp & Walter Co., has returned from a successful trip through the south and



No. 822, Colonial.

FLORISTS' BASKETS

Window and Porch Box Baskets are among the best sellers. They are made in all sizes, from 18 inches long to 6 feet. They are adapted o hold plants in pots, or filled with earth and growing plants, or vines. Have a wonderfully pleasing and artistic value upon the surrounding settings. Last spring we could not fill all orders; now we are better equipped. Order now. Any that do not please you may return. State sizes and colors wanted.

PRICES TO THE TRADE:

18-in. long, each, $1.70 | 30-in. long, each, $2.50 | 42-in. long, each, $3.30
24-in. long, each, 2.10 | 36-in. long, each, 2.90 | 48-in. long, each, 3.70
Without handles, 50c each, less.

——Illustrated Catalogue upon request.——

MADISON BASKETCRAFT CO., Madison, Ohio

Mention The Review when you write.

west and is now visiting his local trade.

The three mayors, Mayor Breitmeyer, Mayor Stumpp and Mayor Gaynor, were hobnobbing last week at City hall.

J. Austin Shaw.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As gardener on gentleman's place, in or near Chicago preferred; single. Chas. E. Siegk, 3625 Ellis Ave., Chicago.

SITUATION WANTED—By florist, English, middle aged; good grower; references; wages $75.00 per month. Address No. **113**, care Florists' Review, Chicago.

SITUATION WANTED—By thoroughly experienced florist; German, age 28, single, to take charge of commercial or private place. B. Wuensche, General Delivery, Portland, Ore.

SITUATION WANTED—As assistant gardener on private place; five years' experience; age 25; good references; vicinity of New York. Address No. **130**, care Florists' Review, Chicago.

SITUATION WANTED—By first-class all-round grower, 20 years' practical experience in rose and carnation; progressive and not afraid of work. Address No. **132**, care Florists' Review, Chicago.

SITUATION WANTED—By single man, 10 years' experience in roses, carnations, mums, all pot and bedding stock; good designer; first-class references. Address No. **141**, care Florists' Review, Chicago.

SITUATION WANTED—By a single man, 33 years old, 15 years' experience as carnation grower, also bedding plants; good references; state wages. Address No. **143**, care Florists' Review, Chicago.

SITUATION WANTED—By young man, grower of roses, carnations, mums, pot and bedding stock; able to take charge; excellent habits; please give full particulars. Address No. **142**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman or grower by reliable grower of cut flowers, potted plants, designer, etc.; 12 years' experience; single; best references; reasonable wages. Address No. **135**, care Florists' Review, Chicago.

SITUATION WANTED—Thoroughly experienced express order clerk desires permanent position with wholesale, retail or mail order house; state full particulars in first letter. Address No. **126**, care Florists' Review, Chicago.

SITUATION WANTED—As maker-up, designer and general store man; 12 years' experience; honest and of good habits; good worker and capable of taking full charge if necessary; middle west or Canada preferred. Address No. **139**, care Florists' Review, Chicago.

SITUATION WANTED—By a sober, industrious, middle-aged man, 15 years' experience in floral and horticultural branches; capable to take charge of small place, private or commercial, within 200 miles of Chicago. Address No. **112**, care Florists' Review, Chicago.

SITUATION WANTED—By a married man, after January 10th; a first-class grower of carnations, mums and general stock; strictly sober and not afraid to work; fully capable of taking charge; can furnish excellent references from former employers; state wages in first letter; answers from up-to-date place only expected; in central or southern Indiana, Ohio or Kentucky. Address No. **145**, care Florists' Review, Chicago.

SITUATION WANTED—By competent storeman, decorator and designer, by Jan. 10th or later; have had wide experiences and consider myself a first-class, all-round man; married. Address No **131**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a practical grower of roses; carnations, mums, palms, ferns, forcing of bulbs, etc., capable of taking entire charge of a large plant; a life experience; references; please state wages, etc. Address Florist, 1225 Race St., Philadelphia, Pa.

SITUATION WANTED—By a young man of good habits, steady, sober and a willing worker; five years' experience in general greenhouse work; a section of roses or carnations preferred: age 25; satisfactory references. Address No. **136**, care Florists' Review, Chicago.

SITUATION WANTED—By a capable, active, single, 38 years of age, German-American, thoroughly understanding growing general stock for retail trade, including outside planting and management; I am willing to take place that has a future, at a very reasonable price. Address No. **123**, care Florists' Review, Chicago.

SITUATION WANTED—For next spring; industrious, reliable, landscape gardener and florist, 28, married; life experience in park, cemetery and private gardening; gardener, college graduate; planting plants prepared; will go anywhere; life job preferred; good wages expected; references. Billy Heyden, 218 North 4th St., Harrison, New Jersey.

HELP WANTED—Good grower of carnations, mums and bedding plants. Apply to Frank Beu, 4435 North Fortieth Ave., Chicago.

HELP WANTED—A good man for ferns, azaleas, mums and general greenhouse work; wages $15.00 a week. Address No. **103**, care Florists' Review, Chicago.

HELP WANTED—Sober, reliable man to take charge of new range, carnations and roses; state experience and salary expected. Thos. Franks & Son, Champaign, Ill.

HELP WANTED—Grower for carnations and bedding plants; must be reliable and a hustler; young married man preferred; an up-to-date place in northern Michigan. Address Box 73, Chassell, Mich.

HELP WANTED—We have a good opening for a young man well up in growing plants for retail and catalogue trade; state experience, wages expected, and present situation. Joseph Bancroft & Son, Cedar Falls, Iowa.

HELP WANTED—At once; competent man to take charge of 2000 ft. glass, garden and lawn; house for married man; must be a hustler, sober and honest; wages right to right party. Address H. W. Girton, Ridgway, Pa.

HELP WANTED—At once; a good all-round grower for cut flowers and plants, and capable of taking charge; house, 5-rooms, on premises; married man preferred; state wages, age and experience. Address No. **138**, care Florists' Review, Chicago.

HELP WANTED—Experienced manager greenhouses, vegetables, flowers, with three to five thousand to invest in greenhouses; sixty by one hundred fifty in operation; 4 acres; growing western city, two hundred fifty thousand. Address No. **109**, care Florists' Review, Chicago.

HELP WANTED—Thoroughly experienced man to grow carnations, roses and mums; strictly sober, honest and reliable; no others need apply; must be good willing worker and well recommended; will pay $15.00 per week; state age and nationalty. Chas. A. Moss, Spartanburg, S. C.

HELP WANTED—At once; a good all-round greenhouse man to grow stock for retail catalogue place; a good propagator, not afraid of work, sober and reliable; able to take charge when needed; state wages, nationality, married or single and reference in first letter. J. E. Jackson, Gainesville, Ga.

HELP WANTED—At once; a good all-round grower who understands growing carnations, mums, pot plants; a good propagator; must understand planting flower beds; steady, sober, married man preferred; 35,000 ft. of glass. P. N. Obertin, 567 Chicago St., Kenosha, Wis.

WANTED—To buy about 5000 square feet of second-hand glass, sizes 12x14 or 10x12; who has it? Address No. **122**, care Florists' Review, Chicago.

WANTED TO RENT—Retail greenhouse property in Ohio or middle west, of 5000 to 10,000 feet. Address No. **144**, care Florists' Review, Chicago.

WANTED TO RENT—Small greenhouse property, with mushroom house preferred. Address, giving particulars, Wm. Kirkham, Mt. Vernon, Ind.

FOR SALE OR RENT—Greenhouse, store, dwelling and stock complete; located on main street in growing south side suburb of Chicago. Owner, 731 Barry Ave., Chicago, 1st flat.

A YEAR'S ADVERTISING FOR $2.00—Send for the 1910 Floral Ad. Series; fifty-two strong, business-pulling ads. for two dollars; hundreds of florists used them with great success last year; if you want more business send for the series today; money back if dissatisfied. Floral Advertising Club, Newburgh, N. Y.

PARTNER WANTED—Married man, with some capital, to take interest with a prosperous florist, landscape gardener and vegetable grower near a large city; must be a good grower and manager in bedding plants and nursery; honest, sober and industrious; excellent opportunity. Address No. **134**, care Florists' Review, Chicago.

FOR SALE—12 acres rich black soil, with three greenhouses, near city. H. W. Williams, 424 Fulton St., Peoria, Ill.

FOR SALE—Nurseries, greenhouse and retail business in rapidly growing town; write for particulars. H. A. Curtis The Florist, St. Petersburg, Fla.

FOR SALE—Two acres fruit and garden; village 2500; greenhouse attached to dwelling; heated with Wilks' boiler; no other greenhouse; rare chance; ill health; write immediately. Floral Gardens, Tecumseh, Mich.

FOR SALE—$1800 cash will buy a first-class florist store, good will; finest reputation, and excellent references from wholesalers, established 20 years and doing a good business; going into other business. Cella's, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—10,000 ft. glass, nearly new, stocked for cut flowers and bedding stock; thoroughly established trade; no competition; 8 acres market garden land; 1½ miles from best market in state; cause, poor health. Glenwood Greenhouses, Glenwood Springs, Colo.

FOR SALE—Store, centrally located in Ohio city of 200,000 population; will sell for $1000 cash if sold at once; reason for selling, other business; good opportunity for man who understands the business; full information. Address No. **140**, care Florists' Review, Chicago.

FOR SALE—One Marsh steam pump water motor, runs with water pressure of 50 pounds, cost us $175, will sell for $50; 2, 2½-inch Jennings valves, at $2.50 each; all in good shape; packed; F. O. B. Kendallville; would exchange for anything we can use. The Johnson Floral Co., Kendallville, Ind.

FOR SALE—4500 ft glass, over 1 acre of land, 8-room house, modern improvements, centrally located between Providence, R. I., and Boston; good opportunity in town of 10,000; stocked with carnations; present owner going to Europe; will be sold cheap. F. W. Woodbury, 228 Doyle Ave., Providence, R. I.

FOR SALE—3400 ft. glass, well stocked with carnations, lilies and potted plants; city 25,000, in Iowa; 8-room dwelling, 6 lots. Address No. **114**, care Florists' Review, Chicago.

FOR SALE—Greenhouses and store; the only florist business in city of 25,000; modern and newly built greenhouse, 22,000 ft. glass; 5-room house and everything that is needed in the business; I am leaving for Europe; do not answer unless you have the money. Address Muskogee Carnation Co., C. E. Taube, Manager, Muskogee, Okla.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors, 11-ft. high, 14-ft. long, 6 ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass, price f.o.b. Pittsburg, $140.00. A.W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—Three greenhouses, 8000 square ft. glass, in city of 30,000 inhabitants; growing business and good trade; cottage, five rooms, adjoining same; good water; hot water heating; plant practically new; reason for selling, death of proprietor, and no one to continue the business; terms reasonable. Address No. **137**, care Florists Review, Chicago.

FOR SALE—First-class retail florist's business, doing the best trade in fast growing city of hundred and fifty thousand population; without doubt one of the best opportunities on the continent today; proprietor's health compels him to retire; would retain interest if desired, assisting with introductions, advice, etc. Address No. **111**, care Florists' Review, Chicago.

FOR SALE—A greenhouse property centrally located in the middle west, 25,000 ft. glass; majority houses only 3 years old, all in good condition; trade well established; stock in first-class condition; carnations, roses, chrysanthemums, sweet peas, callas, lettuce and bedding stock; terms reasonable, with small amount of cash; an opportunity seldom offered to secure a good paying business. Address No. **131**, care Florists' Review, Chicago.

FOR SALE—Greenhouses The Chicago Rose Co., Libertyville, Ill. (Joseph Ziska, succ.); about 50,000 sq. ft. glass, 15½ acres land; barn, living rooms, horses, wagons, with railroad switch on premises, which saves hauling coal or other material by wagon, everything modern; same can be had very cheap; houses planted with Brides, Bridesmaids, Richmonds, Killarney and carnations; all new stock, in first-class condition. Inquire of Joseph Ziska, 56 Wabash Ave., Chicago, Ill.

FOR SALE—A bargain for someone who is a florist or greenhouse truck man; I'm not one; first-class greenhouses, built in summer of 1908, about 6000 feet of double strength glass, 16x24 in., roofs 12x16, single in sides; hot water heat; six rows two-inch pipe under each table; we sleep all night; stocked with 700 Easter lilies, 2500 flowering carnations, 400 roses, flowering, and lot of potted plants; possession at once or later; I am sick of paying for my daughter's mistakes, for whom I built these houses, she never was or will be a florist, you can guess the rest; the only greenhouses in this county seat of Arapahoe county, Colorado, a fruit farming and manufacturing, rapidly growing community; the town has 2000 inhabitants, is 10 miles from the heart of Denver, where you can unload all you cannot sell here; street cars run in and out to Denver, car-fare 10c, and four railroads also; nearest depot, express, freight, etc., are two blocks from greenhouses; the houses have deep cement foundations, good cement boiler and coal house; I paid net cash for everything, cost me about $3400.00 cash; the lots these houses are on, are in the center of the town, are cheap at $600 cash; I will take $3000 for all stock, houses and lots, $500 cash and the balance one to five years' time at 7 per cent interest; all free from debt, abstract down to date; if I can't sell by March 1, 1910, I'll rent it for $40.00 a month, as my daughter is weakly and I have rheumatism and enough to live on without this damp business. The lots of these fine greenhouses are 41x87½ feet, total outside measurement, all houses stand on, is 50x125 feet; these houses run north and south, and the lowest place under any gutter is six feet; height from ground to ridge of roofs is little over twelve feet; ten beds in house 6½ by about 38 feet long; rose house, the center house, is double glassed on sides and north end; globe valves on each table; sun shines over houses 300 days out of the year; located one and a half blocks from post-office, in heart of town, good for retail location; twenty tons good coal, $1.75 to $3.75 per ton, is in bins; all tools, hose, etc., required, go with above price; seven ventilators in each house, 2x4 feet, opened by patent openers; on a 50x125 ft. lot, next to greenhouses, south, is a 5-room, new, frame, modern, well-finished cottage, priced $1650, $500 down, balance long time; house stands near street, plenty room to double up and expand; best land in rich bottom of Platte river three-quarters of a mile from greenhouses, can be rented for $15 an acre, with irrigating water; can buy for $300 acre; city water, pure artesian, good force for watering houses, 25c per 100 cubic feet up to 1600, then 22½c; cubic foot is seven and one-half gallons; my residence cost $10,000.00 and stands in center of 250 feet of land north of greenhouses, leaving you space on which to expand, and at the same time a good retail spot; if you mean business, come or address the owner, Gulp's Greenhouses, Box 116, Littleton, Colo.; phone, Littleton 451.

FOR SALE—Greenhouse, two years old, and one acre of best Michigan land in town of 1000, near town of 50,000, at junction of two good railroads; house stocked, and equipped with good water supply and new Spencer boiler; plenty radiation; fine market; must sell now; cheap; good reasons for selling; if interested write at once. Address No. **124**, care Florists' Review, Chicago.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways; orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. **84**, care Florists' Review, Chicago.

FOR SALE

Cast iron sectional hot water heating boiler, capacity 7,175 sq. ft. Suitable for greenhouse work. A bargain. Otto A. Wurm & Co., 50 Adams Ave. West, Detroit, Mich.

Situation Wanted

By the 1st of January or later, by reliable and experienced florist and gardener, single, 34 years; first-class references furnished; please state particulars. Address No. **79**, care Florists' Review Chicago.

SITUATION WANTED

By a grower of ornamental nursery stock; Hollander, single; 14 years' experience in growing roses, shrubs, etc.; wants position as foreman; also willing to work in a good florist business where roses, carnations, etc., are grown; good reference; state full particulars in first letter; open for engagement at once. Address No. **106**, care Florists' Review, Chicago.

Situation Wanted

A first-class florist of proven ability desires a position as manager or foreman. 18 years' experience; expert grower; also used to retail trade, selling, designing, etc.; west or south; either wages or commission; at liberty any time after February 1; references. Address No. **138**, care Florists' Review, Chicago.

Situation Wanted

As manager for gentleman's place, public institution, park, cemetery, etc.; practical experience in all branches; reference, first-class. Address, with particulars, C. L., care Joseph Linfoot, 1015 E. McMillan St., Cincinnati, O.

WANTED

A vigorous working gardener for a large cemetery; must be married, absolutely temperate, active and tidy in person, courteous in manner, and have experience with greenhouses, outdoor flower gardening and decorating, and general routine work; must be able to handle workmen to good advantage; house on place; give full particulars as to self and experience. Address No. **127**, care Florists' Review, Chicago.

Wanted

Competent counter hand for vegetable seed department; energetic young man, capable for road work later, preferred. Particulars to

Northrup, King & Co., Minneapolis, Minn.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. **48**, care Florists' Review, Chicago.

Situation Wanted

By A-1 grower of pot plants, ferns, roses and general stock; experienced in waiting on trade; 12 years' practical experience, strictly sober and industrious, capable of taking charge; wages expected, $18.00 per week. Address No. **133**, care Florists' Review, Chicago.

A BUSINESS OPPORTUNITY

Wanted a partner with $5,000.00 or more and a good practical knowledge of the florists' business to take one-half interest in an established business, 15,000 feet of glass, with boiler capacity for as much more; also room for 50,000 feet more of glass, which could be made to pay big interest on investment, with a growing wholesale business which now exceeds by nearly half my present ability to produce; centrally located, four railroads and all express companies; all correspondence to be confidential. Address No. **53**, care Florists' Review, Chicago.

NOTICE

Members of the Illinois State Florists' Association. Notice is hereby given that at the next annual meeting, to be held at Urbana, Ill., Feb. 15 and 16, 1910, a resolution will be presented proposing to amend Section 8 of the Constitution to read as follows:

The Association shall hold its annual meeting and exhibition on the 4th Tuesday of February at Urbana, Ill. Ten members to constitute a quorum.

J. F. AMMANN, Sec'y.

FOR SALE

Well established florist business in town of 7000 in southern Indiana; consists of 3 houses—60000 sq. ft. of glass, well stocked with carnations and general line of plants for retail trade; a dwelling, seven rooms, and several acres of ground; no opposition; price, $3,500.00; part cash and rest on easy payments to suit purchaser; can give possession at once; correspondence invited. Address No. **125**, care Florists' Review, Chicago.

STORE AND RETAIL BUSINESS FOR SALE

A fully equipped and only store in town of 15,000 in New York State, the entire good will and an established business for more than 15 years; business now $8,000 to $10,000 per year and can be much increased by a good live man; on account of poor health am willing to sell at a sacrifice and $3,000 will buy it. If you mean business

Address No. 81,
Care Florists' Review, Chicago.

What Are We Offered

For a Nason steam trap, Devan greenhouse phone, three stations and two desk rests; two steam radiators, also 100 feet of 1½ and 2-in. pipe and fittings.

WM. ELLIOTT & SONS
42 Vesey Street, NEW YORK, N. Y.

For Sale!
A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salab e sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address

No. 68, Care Florists' Review Chicago

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Alexander McConnell

571 Fifth Avenue, Windsor Arcade NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street Cable Address: ALEXCONNELL Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, Pittsburg, Pa.

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

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We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

Sharkey FLORIST

Phone 5195 Madison Sq.

Late with THOS. YOUNG, JR.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Steamer and Theater Work My Specialty

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

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DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2840 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

IOWA SEED CO., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

41 North Pearl St., - - ALBANY, N. Y.

Rock's Flowers Kansas City

Wm. L. Rock Flower Co.

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

OSTERTAG BROS.

Washington and Jefferson Aves.

Both Long Distance Phones, St. Louis, Mo.

BOSTON.

The Market.

Business was only moderately good last week. Weather conditions had much to do with this. With a severe cold wave one day, sleet and rain the next, then another cold snap, cut flower production was materially reduced, but there were plenty of flowers to go around and some to spare. Roses are less abundant, and while down in price have cleaned up well, with the exception of Bride and Maid, which are hard to move. Killarney and White Killarney are now of extra fine quality, and Richmond are seen with splendid stems. Carnations are not much changed in price; a few fancies bring $5 to $6, but the general run sell at $2 to $4 per hundred.

Violets have taken a drop, and more are now sold below the dollar mark than for some time. The increased use of artificial flowers for corsages is affecting the sale of these and other flowers. Sweet peas are coming of good quality. Trumpet Majors and tulips are more plentiful and inclined to drag. Paper Whites, Romans and stevia are all abundant. Easter lilies and callas are ample for all demands. Cattleyas are selling better than ever before in Boston. Cypripediums are in oversupply. Gardenias are in fair supply, as is valley. Green stock meets with a steady sale. The present week opens with somewhat improved business, and the outlook is more encouraging.

Various Notes.

The annual lecture course opened at Horticultural hall January 8, when a large and interested audience listened to

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1394 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's Flowers of Quality Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

The Flower Shop

136 West 42nd Street

Telephone 259 Bryant New York

In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

SATISFACTION GUARANTEED

The West View Floral Co.

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Choice Flowers Rare Plants For All Occasions

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507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

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The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, NEW YORK
Telephones 4025-4026, 38th Street,
Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.
Cable Dardsflor, Western Union — Established 1874

WARENDORFF
NEW YORK CITY.
The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.
Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

Washington, D. C. 14th and H Streets — Blackistone — Also 1601 Eutaw Place, **Baltimore, Md.**

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High St., COLUMBUS, OHIO

CLEVELAND
..The..
J. M. Gasser Company
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

JOHN WOLF
SAVANNAH, GA.
Wholesale and Retail Florist

JULIUS BAER
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Long Distance Phone
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THE SMART SET FLORAL CO.
Broadway and 83rd Street
NEW YORK
Telephone 1790 Riverside.
Prompt and personal attention given your orders by expert artists.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

Seattle and Coast
Orders Carefully Filled
Graff's Flower Shop
923 1st Ave., Seattle, Wash.

C. C. POLLWORTH CO.
WHOLESALE FLORISTS
Milwaukee, Wis.
Will Take Proper Care of Your Orders in WISCONSIN

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for all occasions, from cradle to grave.

ST. LOUIS, MO.
Flowers Delivered in City or State on Short Notice
F. H. WEBER
BOYLE AND MARYLAND AVENUES
Both Long Distance Phones

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

WILLIAM J. SMYTH
FLORIST Cor. Michigan Ave. and 31st St., Chicago
We ship to all points in Illinois and Iowa.
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The Minge Floral Co.

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TERRE HAUTE, IND.
JOHN G. HEINL & SON, 129 South 7th Street

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JACOB SCHULZ, 550 So. Fourth Ave.

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

A. C. BROWN, SPRINGFIELD, ILL.
LARGE GREENHOUSES

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LEADING FLORISTS
241 Massachusetts Ave., Indianapolis, Ind.

Minneapolis Floral Co., Wholesale and Retail Florists
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

E. H. Wilson speak on "Plant Collecting in the Heart of China." The stereopticon slides were remarkably fine, those showing the original type of Primula Sinensis flowering in the crannies of the rocks being particularly fine. Meconopsis integrifolia, Aconitum Wilsoni, Cypripedium Thibeticum and a host of trees and shrubs were shown. The remarkable wealth of rhododendrons, primulas and other plants was commented upon. The lecturer stated that so vast a region still remained unexplored that many years must elapse before we know anything of the floral treasures China contains.

Alexander Montgomery, Jr., will shortly start in business as a rose grower at Hadley, Mass. A large tract of land containing ideal soil has been secured, and several large, up-to-date houses will be erected.

At the coming meeting of the Gardeners' and Florists' Club January 18, E. H. Wilson will give a stereopticon lecture on his experiences as a plant collector for James Veitch & Sons and the Arnold Arboretum, in China. Ladies are invited to this lecture, which will bring out an extra large attendance. The new officers will be installed and are expected to make appropriate addresses.

December proved an unusually cold month here, and the snowfall of December 25 and 26 will be long remembered as the most disastrous on trees and shrubs within living memory. Charles Sander says he does not believe $10,000 would make good the damage to fine spec-

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

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S. A. ANDERSON
440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

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Write, Telephone or Telegraph.
All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.

Wholesale and Retail Florists
906 Grand Avenue, KANSAS CITY, MO.
All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by

Geiger the Florist
1505 Pacific Ave.

Write, Wire or Phone Your Orders to

YOUNG'S

1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

J. W. WOLFSKILL

FLORIST

Telegraph Orders a Specialty.
218 W. 4th St., LOS ANGELES, CAL.

The Cleveland Cut Flower Co.

CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.

40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

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ALL ORDERS PROMPTLY EXECUTED

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PROVIDENCE, R. I.

and all New England Points
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Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

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J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

Teresa Badaracco

Art Florist ST. LOUIS, MO.

imens on Prof. C. S. Sargent's estate. The larger the shrubs the heavier the damage.

E. L. Pierce, vice-president of the A. H. Hews Co., left January 10 to spend a part of the winter in Florida.

The Aphine Mfg. Co., Madison, N. J., has arranged for a public demonstration of its insecticide at the Boston Flower Market, Park street, Saturday, January 22. The demonstration will be along the lines of one recently held in New York, and the concern invites growers to bring plants which are infested with insects for testing purposes.

At Horticultural hall, January 8, William C. Rust showed two well-flowered plants of red cineraria, Matador. Martin Sullivan had some splendid specimen plants of Primula Sinensis and obconica.

W. N. CRAIG.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Friesland	Philadelphia	Liverpool	Jan. 15
Romanic	New York	Italy	Jan. 15
Friedrich Wm.	New York	Bremen	Jan. 18
Nippon Maru	S. Francisco	Hongkong	Jan. 18
Shinano Maru	Seattle	Hongkong	Jan. 18
Lusitania	New York	Liverpool	Jan. 19
Oceania	New York	Italy	Jan. 19
Baltic	New York	Liverpool	Jan. 22
California	New York	Glasgow	Jan. 22
Clyde	New York	Jamaica	Jan. 22
Carmania	New York	Egypt	Jan. 22
Kronprinz Wm.	New York	Bremen	Jan. 25
Siberia	S. Francisco	Manila	Jan. 25
Grecian Pr.	New York	Brazil	Jan. 25
Campania	New York	Liverpool	Jan. 26
Argentina	New York	Italy	Jan. 26
Moana	Vancouver	Australia	Jan. 28
Cretic	New York	Italy	Jan. 29
Berlin	New York	Genoa	Jan. 29
China	S. Francisco	Hongkong	Feb. 1
Tango Maru	Seattle	Hongkong	Feb. 1
Umbria	New York	Liverpool	Feb. 2
Celtic	New York	Italy	Feb. 2
Columbia	New York	Glasgow	Feb. 5
Saxonia	New York	Egypt	Feb. 5
Ivernia	Boston	Liverpool	Feb. 8
Manchuria	S. Francisco	Hongkong	Feb. 8
Mauretania	New York	Liverpool	Feb. 9
Main	New York	Bremen	Feb. 10
Caledonia	New York	Glasgow	Feb. 12
Canopic	New York	Italy	Feb. 12
K. Albert	New York	Genoa	Feb. 12

John King Dunn
Flower and Plant Shop
644 Madison Ave., just above Fifty-ninth St.
Phone 410 Plaza. New York City

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Corner Broadway and Gratiot Ave.
DETROIT, MICH.

FRED. EHRET

WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.
PHILADELPHIA

Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 234 Main
S. Masur
226 Fulton St., Brooklyn, N. Y.

WELLESLEY COLLEGE

Dana Hall, Walnut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

Texas Dallas Floral Co.

DALLAS, TEX.
Choice Flowers always on hand. Grown here.

Rosemont Gardens

W. B. Paterson, Prop.
116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, Florists

Telephones 1501 and L 1582
1415 Farnum Street, OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Evanston and Chicago

JOHN WEILAND EVANSTON, ILL.

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Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

ATLANTA FLORAL Co.

41 Peachtree St. ATLANTA, GA.

Spokane Florist Co.

SPOKANE, WASH. Up-to-date Florists

BEYER FLORAL CO., SOUTH BEND, IND.

Daily deliveries to Notre Dame University and St. Mary's Academy.

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BROWN

New York's Most Modern Florist Store

"The Belnord"

2360 Broadway

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Telephone No., 1219 River
Personal Attention Given Your Orders.
Satisfaction Guaranteed.

Coombs LEADING FLORIST Hartford, Conn.

Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand

McKenna

MONTREAL

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN.

WASHINGTON, D. C.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.

GUDE'S

The Park Floral Co.

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Pres.

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Jacksonville Floral Co.

20 Laura St. Jacksonville, Fla.

We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.

Choice Seasonable Flowers
ALWAYS ON HAND.

INDEX BY TOWNS OF LEADING RETAIL FLORISTS.

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Alton, Ill.....Ammann, J. F.
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Atlanta, Ga.....Atlanta Floral Co.
" " .....West View Floral Co.
Atlantic City, N. J.....Berke, Geo. H.
Baltimore, Md.....Blackistone, Z. D.
" " .....Fiedler & Co., A. G.
Battle Creek, Mich.....Fisher Co., H. A.
Boston, Mass.....Galvin, Inc., T. F.
" " .....Hoffman, S.
" " .....Newman & Sons
Brooklyn, N. Y.....Jahn, Hugo H.
" " .....Masur, S.
" " .....Wilson, R. G.
Buffalo, N. Y.....Anderson, S. A.
" " .....Palmer & Son, W. J.
Chicago.....Smyth, W. J.
" .....Wittbold Co., Geo.
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Cleveland, O.....Cleveland Cut Flower Co.
" " .....Gasser Co., J. M.
" " .....Knoble Bros.
Columbus, O.....Livingston Seed Co.
Dallas, Tex.....Dallas Floral Co.
Dayton, O.....Advance Floral Co.
" " .....Heiss Co.
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Des Moines, Iowa.....Iowa Floral Co.
Detroit, Mich.....Breitmeyer's Sons
" " .....Schroeter, B.
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Evanston, Ill.....Weiland, John
Ft. Worth, Tex.....Drumm Seed & Floral Co.
Grand Forks, N. D.....Lovell, E. O.
Grand Rapids, Mich.....Smith, Henry
Harrisburg, Pa.....Kepner, J. A.
Hartford, Conn.....Coombs, John
Helena, Mont.....State Nursery Co.
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Jacksonville, Fla.....Jacksonville Floral Co.
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Kansas City, Mo.....Kellogg, Geo. M.
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" " " .....Rock Flower Co.
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" " .....Frey, C. H.
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Milwaukee, Wis.....Pollworth Co.
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Mobile, Ala.....Minge Floral Co.
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Montreal, Can.....Hall & Robinson
" " .....McKenna & Son
New Orleans, La.....Virgin, U. J.
New York City.....Bowe, M. A.
" " " .....Brown
" " " .....Clarke's Sons, David
" " " .....Dards, Chas. A.
" " " .....Duer, John King
" " " .....Flower Shop, The
" " " .....McConnell, Alex.
" " " .....Myer
" " " .....Sharkey, John F.
" " " .....Smart Set Floral Co.
" " " .....Warendorff
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" " .....Stewart, S. B.
Philadelphia, Pa.....Ehret, Fred
" " .....Fox, Chas. Henry
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Providence, R. I.....Johnston & Co., T. J.
St. Louis, Mo.....Badaracco, Teresa
" " .....Beneke, J. J.
" " .....Ostertag Bros.
" " .....Weber, F. H.
" " .....Young & Sons Co.
St. Paul, Minn.....Holm & Olson, Inc.
" " .....May & Co., L. L.
" " .....Swanson, A. S.
San Antonio, Tex.....Baker, Geo. C.
Savannah, Ga.....Wolf, John
Scranton, Pa.....Schultheis, E. D.
Seattle, Wash.....Graff's Flower Shop
South Bend, Ind.....Beyer Floral Co.
Spokane, Wash.....Spokane Florist Co.
Springfield, Ill.....Brown, A. C.
Terre Haute, Ind.....Heinl & Son, Jno. G.
Toledo, O.....Heinl, Geo. A.
Topeka, Kan.....Hollcraft, Mrs. M. E.
Toronto, Can.....Dunlop, John H.
Washington, D. C.....Blackistone, Z. D.
" .....Gude Bros. Co.
Wellesley, Mass.....Tailby & Son
Wilkes-Barre, Pa.....Marvin's, Ira G.

WE were pleased to receive some good orders the first week our advertisement appeared in the REVIEW.—W. G. MOULTON & SON, York Village, Maine.

ENCLOSED find $1 for the REVIEW for the coming year. We do not see how we can afford to be without your paper, for even one issue.—ELKLAWN NURSERIES, James E. Weir, proprietor, Jamesport, Long Island, N. Y.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 558 Lake View CHICAGO

Send us your retail orders. We have the best facilities in the city.

Send Your **PHILADELPHIA** Orders to

CHARLES HENRY FOX

Sign of the Rose

BROAD AND WALNUT STREETS

Always on Time

David Clarke's Sons

2139-2141 Broadway

Tel. 1552, 1553 Columbus

NEW YORK CITY

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

HUGO H. JAHN

Floral Designer and Decorator

Nostrand Ave. and Prospect Place, Brooklyn, N. Y.

Telephone No. 1592 Bedford

In the heart of the Bon Ton section of the City of Churches. Send your orders for steamers, theaters, etc. One trial will convince you.

Hoffman FLORIST 59-61 Massachusetts Ave. for Commonwealth Ave. BOSTON.

GEO. C. BAKER, Florist

206 E. Park Ave., San Antonio, Texas

JOHN A. KEPNER

Box 3, HARRISBURG, PA.

Wholesale or Retail. Orders Satisfactorily Filled

J. F. AMMANN Long Distance Phones

Edwardsville, Ill. Alton, Ill.

The Fernery **E. D. SCHULTHEIS** FLORIST

Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.

HALL & ROBINSON, 855 St. Catherine Street, West.

STATE NURSERY CO. Cut Flowers

155,000 Sq. ft. of glass at your service Helena, Montana

Arkansas Valley Seed House

Lakin, Kan.

CONTRACT SEED GROWER

of Watermelon, Muskmelon, Cucumber and Squash. All seeds grown under irrigation. 20 years' experience. Wr e us after the 1st of January for estimates on 1910 crops. We also have a small surplus of several varieties of Muskmelon and Cucumber.

Write us today.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

CROP shortages do not affect the congressional seed shop. The annual distribution has begun.

FIRE at Chicago January 9 destroyed an onion set warehouse of H. H. Chester, together with some 30,000 bushels of sets.

ONCE more the cry goes up that the available supply of capable assistants is not equal to handling the increase in the seed business.

IF advance prices for the 1910 pack of peas are any indication, the canners have all the seed required, for they are no higher than last year.

THE granddaughter of Robert Buist, Philadelphia, who left home December 29, was found at Chicago January 10 and has been returned to her relatives.

W. H. BARRETT, Adrian, Mich., has bought a vacant factory building 60x320 and two stories high, and says he will use it exclusively for handling tomato seeds.

R. V. CRINE, seedsman, nurseryman and florist at Morganville, N. J., makes a specialty of corn, pepper and tomato seeds, the latter being his principal specialty and grown in a large way.

W. W. RAWSON & Co., Boston, have issued a new pamphlet on sweet pea culture in which they reverse their former advice to use nitrate of soda, which they now say causes the buds to drop and blight.

POLITICS are seething at Washington, and other matters must be of large importance to receive consideration, but it looks as though this session of congress might result in some progress in the perennial fight against the free seeds.

"PEAS are scarcer than has ever been known before," say W. Atlee Burpee & Co., in their Annual. "From our intimate acquaintance and personal inspections of stocks grown in England (although the crops there were also distressingly short), we have succeeded in making up most of our normal requirements. The prices paid, in most cases, have been double the usual cost of production, so that even with the higher prices quoted this season our margin of profit is less than half what is usually considered necessary and fair."

LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

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SAN FRANCISCO CALIFORNIA

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The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

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SWEET PEA and NASTURTIUM SPECIALISTS

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We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

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BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

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Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

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THE Canning Machinery and Supplies' Association, of which a number of wholesale seedsmen and seed growers are members, offers $100, divided into four prizes, for the best essays on "How to Increase the Consumption of Canned Goods." The essays are to contain 1,000 to 2,000 words and are to be in the hands of Frank E. Gorrell, Bel Air, Md., by January 25. The prize-winners will be read at the canners' Atlantic City convention. Here is a chance for some of the literary lights

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

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Squash, Watermelon, Sweet Corn

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Waldo Rohnert

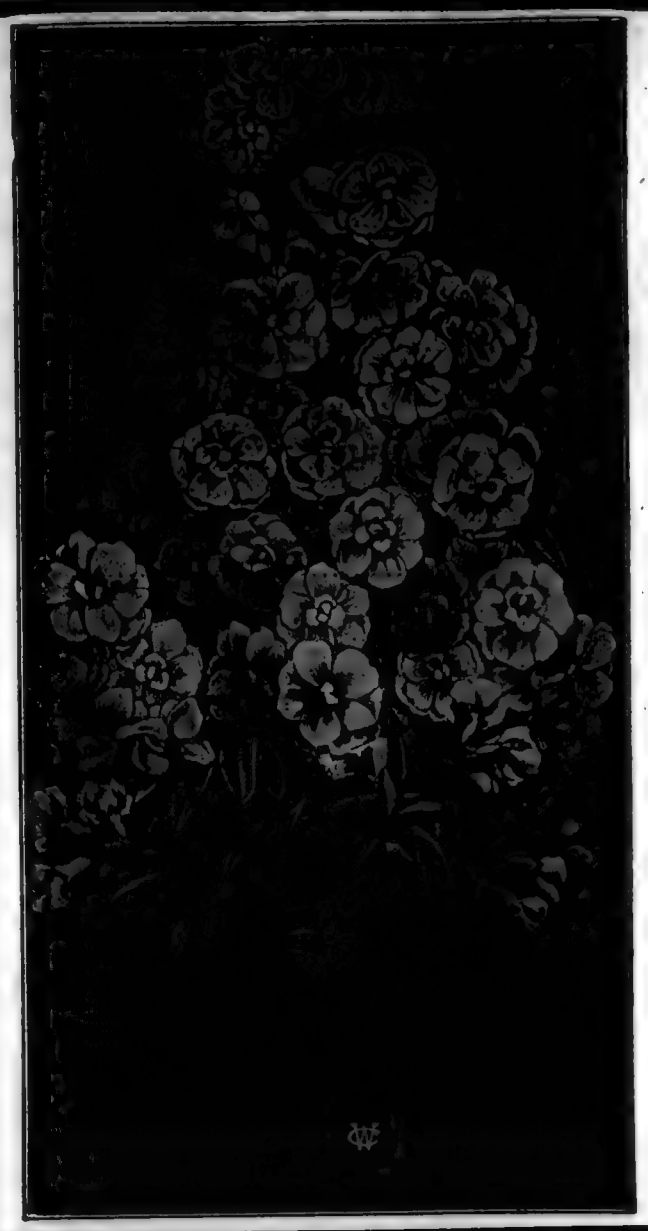
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Correspondence solicited.

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Bismarck Summer-flowering Stocks

(GILLYFLOWER)

Golden Ball—Canary Yellow

NOVELTY 1910

For the Gardener interested in Cut Flowers, this is just the right thing. The Best Novelty in the World. The Bismarck Summer-flowering Stock makes cone-shaped bushes, about 3 feet high, with wonderfully large, canary yellow clusters. It blooms throughout the entire summer season and even into the late fall. This Bismarck Summer Stock produces about 80% double flowers and is indispensable for the artistic work of the modern florist. When placed on the market in the form of a pot plant, it has no equal. **This Season's Best Novelty.** 1 packet, 15c; 10 packets, $1.25; 100 packets, $11.00.

Bismarck Stocks Snowball, Snow White Novelty of 1909

This new kind has the same good qualities as the above mentioned novelty. The flowers are very large, snow white and are splendid as cut flowers and for sale on the market. 1 packet, 15c; 1000 seeds, 50c; ¼ oz., $1.50; 1 oz., $5.00.

Giant Summer Stocks Gloria, Bright Blood Red—Excelsior Class.

Produces panicles of great length, bright and blood red; the flowers are gigantic. Great novelty. Fine for cut flowers. 1 packet, 15c; 1000 seeds, 65c.

Summer Stocks Himmelsauge (Eye of the Sky).

Belonging to the dwarf class; novelty; wonderful light blue color; the best for pot culture; produces from 80% to 85% double flowers. 1000 seeds, 30c; ¼ oz., 90c.

Dresden Summer Stocks, with large Blossoms and Everblooming.

Best for cut flowers. 1, apple blossom; 2, dark blue; 3, light blue; 4 flesh colored; 5, dark blood red; 6, chamois; 7, soft rose; 8, purple carmine; 9, red brown; 10, crimson; 11, canary yellow; 12, snow white.

Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

Erfurt Summer Stocks, with Large Blossoms; Best for Groups.

1, brilliant rose; 2, carmine; 3, crimson; 4, dark violet; 5, dark blood red; 6, flesh colored; 7, canary yellow; 8, light blue; 9, aurora colored; 10, pure white.

Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60

English Summer Stocks De Luxe Mixture, Seeds from the Open Ground.

¼ oz., 35c; 1 oz., $1.10.

Please Send Cash With Orders.

WEIGELT & CO., Seed Specialists, ERFURT, GERMANY

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Azaleas, Rhododendrons, Clematis,

Roses, pot-grown plants for forcing.

Buxus, Conifers, Japanese Maples,

Shrubs, Palms, Bulbs, Etc.

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Largest Importers, Exporters, Growers and Hybridists in the world.

SANDER, St. Albans, England

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HENRY METTE, Quedlinburg, Germany

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Grower and Exporter on the very largest scale of all

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Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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Cauliflower Seed



Wiboltt's Earliest Snowball, No. 34, at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Wiboltt's Extra Early Dwarf Erfurt, at $8.00 per lb.; 5 lbs. at $7.00 per lb.

Wiboltt's Danish Giant, "Dry Weather," at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Larger lots prices separately. We ask new customers to send cash with order.

R. WIBOLTT, Seed Grower and Seed Merchant.

NAKSKOV, DENMARK

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AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

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of the seed trade to distinguish themselves, but it is stated that "fine writing" will not be considered; ideas are what is wanted.

THE Amzi Godden Seed Co., Birmingham, Ala., has a cut flower department that is doing a large business.

EUROPEAN seeds are now arriving by every boat, but it will be later than ever before the season's imports are all in the warehouses.

COMMERCE IN SEEDS.

According to the United States Treasury Department, the foreign commerce in seeds in November of the last two years reached the following totals:

Imports, November, 1908	$4,903,282
Imports, November, 1909	6,370,494
Exports, November, 1908	4,784,048
Exports, November, 1909	3,599,813

IMPORTS.

The imports of seeds through the port of New York for the week ending December 25 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto	13	$ 116	Hemp	100	$ 534
Anise	195	1,462	Lycopod'm	10	795
Cardamom	28	2,827	Millet		14
Clover	656	19,296	Mustard	2,273	19,120
Coriander	121	781	Poppy	699	3,049
Fennel	61	486	Rape	170	1,891
Grass	186	1,854	Other		42,242

In the same period the imports of bulbs, trees and plants were valued at $17,652; peas, $7,671, and beans, $21,432.

The imports of seeds through the port of New York for the week ending January 1 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Canary	406	$ 1,114	Grass	491	$ 7,496
Caraway	300	2,029	Hemp	100	526
Cardamom	5	380	Mustard	400	4,057
Castor	6,826	30,239	Poppy	80	600
Clover	102	3,078	Other		10,505

In the same period the imports of bulbs, trees and plants were valued at $15,262; peas, $3,008, and beans, $340.

WILL ENFORCE SEED LAW.

Believing the pure seed law now on the statute books of Tennessee has been in force a sufficient length of time for the dealers of the state to become thoroughly familiar with the provisions thereof, Commissioner of Agriculture John Thompson purposes to strictly enforce this statute. He is sending letters to all the seedsmen of Tennessee, inclosing copies of the seed law, and calling special attention to Sections 1-6 and 11-12. The commissioner then adds this suggestion:

"This law has been in force for a sufficient length of time for everyone to be familiar with it, and we wish to urge you, and all seed dealers in the state of Tennessee, to comply with the new law in every respect."

The sections to which the commissioner calls special attention define commercial agricultural seeds, and set forth the penalties for violations of the law.

PROFITS IN ASTER SEED.

A Portland newspaper gives the following account of the results obtained by G. S. Crego, aster seed grower, who not long since removed from a Chicago suburb to the vicinity of Portland:

"The success of the experiment of a local gardener in growing aster seed commercially the past season was proven when the crop was threshed this week, and the gross profits were reckoned at $2,150 from one acre of land devoted to the flower garden. G. S. Crego, formerly of Chicago, the originator of the Crego aster, had the seed grown here under contract. Mr. Crego was here at the threshing, and carried away with him seed, which, at the current price, would yield the sum of $1,500. Seed of another variety of aster is estimated to be worth $500 more.

"Besides this there were cut flowers sold from the acre of asters to the value of $150 during the summer, which, with the heavy thinning of the plants, lessened the production of seeds. Mr. Crego, while visiting the Lewis and Clark Exposition in 1905, was attracted by the magnificent Crego asters sent there by a McMinnville florist. He has since became a resident of the state, and chose the soil there as the kind best suited to the production of the seed of the strain of flowers that bear his name, the local florist sharing in the glory of assisting to produce the first crop."

HERCULES ASTER.

Herr Emil Goricke, of Niemberg, Germany, near Halle on the Saale, who engages with great enthusiasm in aster cul-

Stokes' Standard Seeds

New Crop Flower Seeds

We offer you these flower seeds knowing that their quality will make you wonder whether they are not well worth double the price asked.

	Tr. pkt.	Oz.
Mammoth Verbena		
White, pink, scarlet, purple, each	$0.30	$1.25
Salvia (Scarlet Sage)		
Zurich, very dwarf (new)	.50	5.00
Clara Bedman, or Bonfire	.40	2.25
Splendens, tall	.25	1.25
Alyssum		
Benthami (Sweet Alyssum)	.10	.15
Benthami, Tom Thumb	.10	.20
Little Gem, or White Carpet	.10	.25
Saxatile compactum, yellow	.10	.20
Lobelia		
Erinus Crystal Palace compacta. Rich blue, finest for florists	.25	1.25
Erinus speciosa (Crystal Palace). Dark blue, trailing	.15	.50
Erinus gracilis. Mixed	.10	.35
Prima Donna. Velvety crimson	.25	.35
Royal Purple	.25	.35
White Gem	.20	1.00

	Tr. pkt.	Oz
Asters		
Queen of the Market, the earliest aster. Separate colors, white, pink, crimson, blue, purple, mixed	$0.20	$0.60
Semple's Branching, late. Separate colors, white, rose, crimson, lavender, purple, mixed	.30	1.00
Petunia		
Blotched and Striped	.50	1.00
Dwarf Inimitable. Fine for pots	.50	1.00
Pure White	.15	.50
Venosa. Veined varieties	.50	
Fine Mixed	.15	.50
Choice Mixed	.25	.75
Plants of California. Mixed	.50	
Giant. Single-fringed	.50	
Grandiflora fimbriata. Crimson, large-flowering, single-fringed, very striking	.50	
Large-flowering, double-fringed	500 seeds,	.75
Large-flowering, double mixed	500 seeds,	.50
New Snowball. Fine for pots	tr pkt., 30c;	oz. 1.50

Send for wholesale price list of vegetable and flower seeds.

STOKES' SEED STORE, 219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

DIRECT IMPORTATIONS

AT FOREIGN GROWERS' PRICES

From BELGIUM Palms, Araucarias, Bay Trees, Azalea Indica, etc.

From HOLLAND Boxwood, Rhododendrons, pot-grown Shrubs for forcing, etc.

From GERMANY Valley Pips. Early or late forcing.

From ENGLAND English Manetti, selected for grafting.

From JAPAN Lilium Longiflorum Giganteum, Multiflorum, etc.

Full list Japanese, Holland, English and French Nursery Stock

Write for catalogues, special lists, etc., mentioning the class of stock you are intereated in.

RAFFIA 5 grades. Bale lots only.

Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

McHUTCHISON & CO.

17 MURRAY STREET NEW YORK

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CAULIFLOWER CABBAGE Seed

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

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LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

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Wading River, Long Island, N. Y.

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Send for our new and complete Spring 1910 Catalogue.

Full List Seeds, Bulbs, Plants.

H. H. BERGER & CO., 70 Warren St., New York

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COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

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Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

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Finest grades of Berlin and Hamburg for import.

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German Stock Seeds

A GRAND SPECIALTY

Price list on application.

PAUL TEICHER, Striegau, Germany

Oldest Special House

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Boddington's Quality Sweet Peas

At the exhibition of the National Sweet Pea Society of America, held at the American Museum of Natural History, New York City, July 7 and 8, 1909, we were awarded the C. C. Morse Co.'s

SILVER CUP

for the finest collection of Sweet Peas. Open to the trade only.

Remember you may deduct 5 per cent if cash accompanies the order.

25c per lb.;

Agnes Johnstone, soft light pink
Apple Blossom, rose and white
Bolton's Pink, orange-pink
Blanche Ferry, "extra early," rose and white
Black Knight, maroon
Dainty, light pink
Duke of Westminster, blue and purple
Dorothy Eckford, pure white
Earliest of All, pink and white
Emily Henderson, pure white
Evelyn Byatt, orange-pink
Emily Eckford, mauve and blue
Flora Norton, blue and purple
Honorable Mrs. E. Kenyon, pale yellow
Jeannie Gordon, light pink
Janet Scott, pale yellow or primrose
Katherine Tracy, pink shades
King Edward VII, crimson-scarlet
Lovely, light pink
Lady Grisel Hamilton, lavender and mauve.
Lottie Eckford, lavender and mauve, picotee edged
Lord Nelson, violet and indigo
Mont Blanc, pure white
Miss Wilmott, orange-pink
Mrs. Walter Wright, mauve and blue
Mrs. Geo. Higginson, Jr., lavender and mauve
Mrs. Collier, pale yellow
Navy Blue, violet and indigo
Othello, maroon
Prima Donna, pink
Queen Alexandra, crimson-scarlet
Queen of Spain, light pink
Queen Victoria, pale yellow or primrose
Romolo Piozzanni, mauve and blue
Salopian, crimson-scarlet
Stella Morse, light pink and primrose
Shazada, maroon
Shasta, pure white
Sadie Burpee, pure white
White Wonder (double), pure white

10c per ¼ lb.;

Black Michael, maroon, lb., 35c; ¼ lb., 15c; oz., 10c.
Earliest Sunbeams, pale yellow or primrose, lb., 40c; ¼ lb., 15c; oz., 10c.

5c per oz.

Duke of Sutherland, maroon
***Gladys Unwin**, light pink
Helen Pierce, violet, feathered white
Henry Eckford, salmon-orange
***Her Majesty**, rose-crimson
***Mrs. Alfred Watkins**, light pink
***Nora Unwin**, pure white
***Paradise**, light pink
Phenomenal, lavender and mauve, picotee edged
***Primrose Spencer**, pale yellow or primrose.

50c per lb.; 15c per ¼ lb.; 10c per oz.

***Countess of Spencer Hybrids Mixed**, mixed — 75c per lb.
***E. J. Castle**, rose-crimson — 25c per ¼ lb.
***Frank Dolby**, lavender and mauve — 25c per ¼ lb.
***Phyllis Unwin**, deep rosy carmine, self — 10c per oz.

***Countess of Spencer** (true stock), light pink — $1.00 per lb.; 40c per ¼ lb.; 10c per oz.
†**Christmas Pink** (Boddington's), pink and white
†**Christmas White** (Boddington's), pure white
†**Florence Denzer**, pure white

Earliest White, pure white, lb., $1.25; ¼ lb., 40c; oz., 10c

***Enchantress**, light pink
***Florence Morse Spencer**, pink shades
***George Herbert**, almost self-carmine
***Helen Lewis**, orange-pink
***John Ingman**, rose and white
***Prince Olaf**, striped and mottled blue, white ground
***White Spencer**, pure white

$1.50 per lb.; 40c per ¼ lb.; 15c per oz.

	Per lb.	¼ lb.	Oz.
†**Watchung**, pure white	$1.75	$0.50	$0.20
†**Snow Bird** (Boddington's), pure white	2.00	.75	.20
†**Canary**, pale yellow or primrose	2.50	1.00	.30
†**Flamingo**, rose-crimson	5.00	1.50	.50

Those marked with a * are Countess of Spencer or Unwin types.
Those marked † are winter flowering.

See our Florists' **Catalogue** for Novelties and other Spencer Sweet Peas, **mailed free.** For other Florists' Seeds, **see our adv., page 41, January 6 issue of The Review.**

ARTHUR T. BODDINGTON

Seedsman, 342 W. 14th Street, NEW YORK CITY

Every Florist Who Grows
ASTERS
should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.
When writing, mention this paper.
JAMES VICK'S SONS
ROCHESTER, N. Y.
Mention The Review when you write.

ture, and whom we have to thank for the splendid Hohenzollern aster now obtainable in many tints, has developed from it the novel variety Hercules. The latter is an excellent plant for furnishing cut blooms, and because of its uniform growth it makes a good subject for groups in the open. Like the Hohenzollern, it is a true autumn-flowering aster, and must be sown early and pricked out in order to flower at its best and ripen its seeds fully. A white variety will shortly be put on the market. Hercules is said by the German gardening press to be the largest-flowered aster yet known.

ORIGIN OF SPENCER PEAS.

In a paper read before the National Sweet Pea Society in London, England, December 10, Wm. Cuthbertson, of Dobbie & Co., of Mark's Tey and Edinburgh, said in part:

"Some people argue that sweet peas are pollinated by wind-borne or insect-borne pollen, and that accounts for the variations we get in so many stocks of Spencer sweet peas. I have never been able to subscribe to this theory, because I think I have had as large an experience as most, and have not observed it happen in practice. The plan we adopt at Mark's Tey is to grow the different varieties in lines 100 feet long. There may be four lines of The Marquis, followed closely by four lines of Countess Spencer, then four lines of Helen Lewis, and so on. If the wind or insect theory of cross fertilization held good we should not get pure seed, but as a matter of fact we do. Then again, it is suggested that in America there must be insects, unknown in this country, at work there to give us the fine variations we so frequently get! I should like to have Mr. Burpee's or Mr. Morse's opinion on this point."

Under date of January 5 Mr. Burpee wrote:

"Replying to Mr. Cuthbertson's inquiry, would say that, in common with most growers and observers of Spencer sweet peas, I hold firmly to the opinion that the great majority of new varieties of this type are entirely what might be called accidental sports. No special climatic conditions or 'insect theory' seems to apply to California more than to England. It is noteworthy that sports of similar character and in several cases identically the same have been found in both countries.

"While most of the varieties so far introduced have been accidental sports, it is only fair to say that now there are quite a number of new seedlings, the result of cross-fertilization, both in California and England.

"Most of the work on the Spencer

Dreer's Double Petunias



OUR DOUBLE PETUNIAS, for more than half a century, have been the acknowledged standard. The strain this season is equal in high quality to its predecessors, and is well known to the trade.

We offer 15 distinct varieties, in strong, 3-inch pots, which will quickly furnish an abundance of cuttings. Strong, 3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

Seed of our SUPERB STRAIN OF FRINGED PETUNIAS. Double, 75c per 500 seeds; $1.50 per 1000 seeds. Single, 50c per trade pkt.; $1.00 per 1-16 oz.; $1.50 per ⅛ oz.

Our Quarterly Wholesale Price List, issued January 1st, offers a full line of seasonable Plants, Seeds and Bulbs.

Henry A. Dreer, Philadelphia, Pa.
Mention The Review when you write.

Reliable Seeds, Sow Now

			Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts., $1.25; oz.,	$5.00	$0.25
Begonia Gracilis Luminosa, best scarlet bedder	6 tr. pkts.,	2.50	.50
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6 "	2.50	.50
Echeveria Woodlawn, new, ready in 6 months after sowing	1000 seeds,	2.00	.50
Myosotis Winter Queen, finest for greenhouse cut	oz.,	4.00	.50
Petunia, Zangen's selections of Double Fringed Giants	6 tr. pkts.,	5.00	1.00
Petunia, Zangen's Single Ruffled and Fringed Hybrids	6 "	5.00	1.00
Phlox Drummondi, nana compacta, Fireball	Best for pot use. oz.,	2.50	.35
Phlox Drummondi, dwarf Roseball	" "	2.00	.30
Phlox Drummondi, nana compacta, Snowball	" "	3.00	.40
Phlox Drummondi Cecily, large flowered dwarf mixed	"	2.50	.35
Salvia Zangen's Fireball, finest for pot use	Unexcelled strain of my own raising. "	4.00	.50
Salvia Zangen's King of Scarlets, best late	" "	10.00	.50
Salvia Zurich, most valuable for early pot use	" "	8.00	.50
Stocks, Beauty of Nice, Daybreak, White, best for cutting, each, separate	"	3.00	.50
Verbena Mammoth, auricula flowered, blue, pink, purple, scarlet, striped, white, each, separate	"	1.50	.25
Mixed colors	"	1.25	.20

My new catalogue is ready now. If you are interested in Flower Seeds of horticultural and floricultural value, ask for the same. It's free.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.
Mention The Review when you write.

GLADIOLI...

Here is good value. All stock is 1½-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3.00	$25.00	Geo. Paul	$4.00	
Golden Queen	4.00	30.00	Giant Pink	4.00	$30.00
America	3.50	30.00	Le Pactole	3.00	25.00
Augusta	2.00	15.00	Klondyke	4.00	30.00
Africa	4.00		May	2.00	15.00
De Cheville	2.00	15.00	Mohawk	5.00	
Easter	1.50	12.00	Mrs. Francis King	2.50	20.00
Florida	2.00	15.00	Marie Lemoine	1.50	10.00

5 per cent discount for cash.

E. E. STEWART, - Rives Junction, Mich.
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Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

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America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

Augusta. The florists' best white Gladiolus. Bulbs, 1½ to 1¾ in., **$1.75** per 100; **$16.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

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American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. **$1.00** per 100; **$9.00** per 1000.

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ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. NEW YORK CITY

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Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, we shall be glad to mail one on receipt of a postal.

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ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.
PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.
PETUNIA GIANT, single fringed, large and fine, pkt., 20c.
PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.
COLEUS, New Hybrids, finest colors, pkt., 20c.
GIANT PANSY, finest grown, critically selected. 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.
CHINESE PRIMROSE, finest grown, single and double, 500 seeds, $1.00; ½ pkt., 50c.
PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.
SALVIA WM. PFITZER, very fine, dwarf, fiery red, extra, trade pkt., 25c.
VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.
CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.
CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

CASH. Liberal extra count.

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RUPPTON: The Home of Primroses

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Asparagus Plumosus	per 1000 seeds,	$3.50
Asparagus Sprengeri	per 1000 seeds,	.75
Petunia, large-flowering, double-fringed, tr. pkt.		1.00
Petunia, large-flowering, single-fringed, tr. pkt.		.50
Petunia, large-flowering, single California Giants	tr. pkt.	.50
Salvia Zurich	oz.,	5.00
Salvia Triumph	oz.,	5.00
Moon Flower, white seed		.35

Fresh Tobacco Stems, bale of 800 lbs., $1.75; ton, $9.00.

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——Write for prices.——

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ANT. C. ZVOLANEK, Bound Brook, N. J.

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Seeds FLORIST

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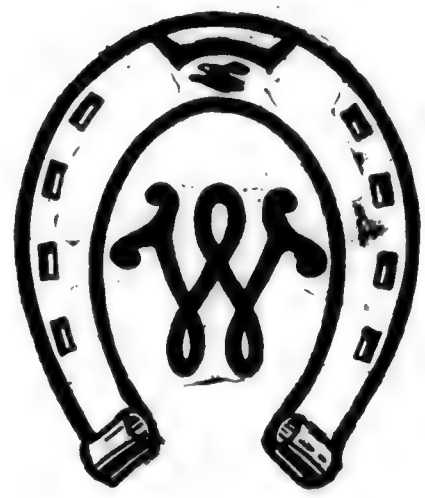
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Try them.

Ralph M. Ward & Co.

12 W. Broadway, NEW YORK

Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

H. N. BRUNS, 3040 Madison St., **CHICAGO**

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sweet peas from now on, however, by the growers should be in the way of producing true stocks, which can never be done at anything approaching the cost of growing the grandiflora type."

CATALOGUES RECEIVED.

Wood, Stubbs & Co., Louisville, Ky., garden, field and tree seeds and gardeners' requisites; John Peed & Son, West Norwood, London, England, seeds, bulbs, flower roots, roses and general supplies; John Lewis Childs, Floral Park, N. Y., seeds, bulbs, plants, shrubs, fruits, etc.; John S. Weaver, Kinzers, Pa., retail list of tobacco, aster and lettuce seed; J. K. Alexander, East Bridgewater, Mass., field-grown dahlias; Henry A. Dreer, Philadelphia, Pa., seventy-second annual edition of "Dreer's Garden Book"; T. Lee Adams Seed Co., Kansas City, Mo., field, flower and garden seeds, implements, etc.; the J. Steckler Seed Co., New Orleans, La., "Almanac and Garden Manual for the Southern States"; Henry F. Michell Co., Philadelphia, Pa., "Michell's Seed Book"; the Mangelsdorf Bros. Co., Atchison, Kan., flower, vegetable and farm seeds, tools, etc.; A. T. Boddington, New York, N. Y., florists' catalogue of seeds and bulbs; R. & J. Farquhar & Co., Boston, Mass., "Farquhar's Garden Annual"; James Vick's Sons, Rochester, N. Y., "Vick's Garden and Floral Guide"; Griswold Seed Co., Lincoln, Neb., seeds, bulbs, plants and sundries; J. M. Thorburn & Co., New York, N. Y., seeds, bulbs, plants, implements, etc.

PITTSBURG.

The Market.

The cry every year is for seasonable weather. Well, that is what we are having—plenty of snow and the thermometer courting zero right along. This, however, does not seem to be helping the cut flower business to any great extent, as the retailers are all complaining, especially about the general store trade. There have been some large decorations, but it takes the general store trade, with this, to keep up the average daily sales.

There has been a shortage of home roses, but they are gradually picking up again, and carnations are quite plentiful. Violets, which are more plentiful, are moving more slowly.

The wholesale houses do not complain. As a rule, they are not getting so much stock, and the demand just about cleans it up; so they are easy.

Club Meeting.

The Florists' Club met Tuesday night, January 4, in the Dutch room at the Fort Pitt hotel, with a large and enthusiastic attendance. The coming carnation convention seems to have put a good deal of enthusiasm into the club.

There were a few good exhibits. The display of R. &. J. Farquhar & Co., Boston, Mass., contained a fine collection of cyclamen plants grown from the strain of seed which they are offering for sale, and Mr. Farquhar read an interesting paper containing full instructions for growing them.

John Cook, of Baltimore, Md., sent a

FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Extra Early Hohenzollern, white, rose, The Bride	$0.20	$1.00
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple	.20	1.00
Giant Comet, The Bride, rose, yellow, blue, white, peach blossom	.20	1.00
Vick's Branching, white, lavender, light blue, purple, crimson, pink, rose	.20	1.00
Queen of the Market, white, pink, light blue	.10	.50
American Beauty	.20	1.50
Lavender Gem	.20	1.50
Snowdrift	.20	1.50
Antirrhinum—Giant, white, striped, scarlet, yellow, garnet	.10	.40
Pansy—Currie's International mixture	⅛ oz., $1.25;	.50	8.00
Giant Florists' Mixture	⅛ oz., .60;	.35	4.00
Salvia—Splendens	.15	1.00
Bonfire	.25	2.00
Zurich	.25	2.50
Verbena—Mammoth, white, pink, purple, blue, yellow, scarlet	.20	1.00

Send for new Catalogue and Trade Price List.

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Edward Reid, Fine Brides, Violets, Sweet Peas, Good Roses in all varieties, and all Seasonable Cut Flowers
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at prevailing market prices. We have not had a chance to get out another price list.
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Wholesale Cut Flower Prices.

Philadelphia, Jan. 12, 1910.

	Per doz.	
Beauty, Specials		$6.00
" Extra	$4.00 to	5.00
" Medium	2.50 to	3.00
" Short	1.50 to	2.00
	Per 100	
Killarney, My Maryland, Select	$12.00 to	$15.00
" " Ordinary	4.00 to	8.00
Maid, Select	8.00 to	10.00
Ordinary	4.00 to	6.00
Bride, Richmond, Select	10.00 to	15.00
" " Ordinary	6.00 to	8.00
Carnations, Fancy	3.00 to	4.00
" Select		2.50
" Ordinary	1.50 to	2.00
Harrisii Lilies...per doz., $1.50-$2.00		
Callas, ... per doz , $2.00 to 2.50		
Adiantum	1.00 to	1.50
Asparagus Plumosus, strings		50.00
" " sprays 50c		
" Sprengeri " 50c		
Smilax		15.00
Valley	3.00 to	4.00
Cattleyas.....doz. $9.00		
D. Formosum.....each, 40c to 50c		
Cypripedium.....each, 15c		
Gardenias .....doz., $2.00 to $4.00		
Violets, Double, Fancy	1.00 to	1.25
" Ordinary		.75
Violets, Single, Fancy	.75 to	1.00
" Ordinary	.50 to	.60
Sweet Peas	1.00 to	1.25
Bouvardia	3.00 to	4.00
Yellow Daisies	2.00 to	2.50
White "	1.50 to	2.00
Mignonette	3.00 to	4.00
Pansies		.75
Snapdragon	1.00 to	1.50
Romans	1.50 to	3.00
Paper Whites	2.00 to	3.00
Daffodils	5.00 to	6.00
Campernelles	2.00 to	3.00
Freesias	4.00 to	8.00
Tulips		4.00
White Lilac.....per bunch, $1.00		

St. Louis, Jan. 12, 1910.

	Per doz.	
Beauty, Specials	$4.00 to	$6.00
" Extra	2.00 to	3.00
" Shorts	.50 to	.75
	Per 100	
Bride and Maid, Specials	$ 3.00 to	$ 6.00
" " No. 1	2.00 to	3.00
Richmond	3.00 to	6.00
Carnot	3.00 to	6.00
Ivory	3.00 to	6.00
Killarney	3.00 to	6.00
Carnations, Fancy	2.00 to	3.00
" Common	1.00 to	2.00
Adiantum	1.00 to	1.25
Asparagus Plumosus, strings	35.00 to	50.00
" " sprays	1.00 to	1.50
" Sprengeri "	1.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	12.50 to	15.00
Violets, Single	.50 to	.75
" Double	.75 to	1.00
Romans	1.00 to	2.00
Paper Whites	1.00 to	2.00

Milwaukee, Jan. 12, 1910.

	Per 100	
Beauty, Long	$30.00 to	$40.00
" Medium	15.00 to	20.00
" Short	8.00 to	12.00
Bride and Bridesmaid	4.00 to	10.00
Chatenay	4.00 to	10.00
Richmond	4.00 to	10.00
Killarney	6.00 to	10.00
Perle	4.00 to	10.00
Stevia	1.50 to	2.00
Carnations, Fancy		4.00
" Good	2.00 to	3.00
Valley		4.00
Asparagus Plumosus, strings		50.00
" " sprays		3.00
" Sprengeri "		3.00
Adiantum	1.00 to	1.50
Lilies.....per doz., $2.00		
Ferns.....per 1000, 2.00		
Violets		1.00
Sweet Peas		1.00
Paper Whites	2.00 to	3.00
Stevia		2.00

Fancy Gardenias, Valley and Easter Lilies,
Choice Brides, Killarney, White Killarney and Maryland.
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We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA
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Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.
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A good market for more Choice Flowers
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Wholesale Florists
1316 Pine St. Both L. D. Phones ST. LOUIS
Supplies and Everything in Season always on hand

ROSES

J. W. YOUNG
Upsal Station, P. R. R., GERMANTOWN, PHILA.

vase of his new rose, Defiance, which aroused considerable attention and favorable comment. It has the appearance of being a good, strong grower, with a fine, large bud of a deep Bridesmaid color, which is quite pleasing, and in the opinion of many it will lead to the death and burial of Maids, if it is all it seems to be. A certificate of merit was granted by the club committee.

The Pittsburg Cut Flower Co. had a couple of vases of roses, Killarney and White Killarney, My Maryland, Maids, Brides and Richmonds, which were particularly fine.

Randolph & McClements showed an old plant, Begonia incarnata, which was known by many, and they handled it like an old friend.

It was the night for the nomination of officers, and as the old ones are the only names placed in nomination, there will be no changes this year.

There was much carnation convention talk, and the meeting adjourned late, with a special meeting of all committees called for next Tuesday evening at Fort Pitt hotel, to complete arrangements, which seem to be well in hand.

Various Notes.

Randolph & McClements had the decoration of the Fort Pitt hotel Saturday night, January 8, for the banquet of the Carnegie Steel Co., which was an elaborate affair. It is understood it was to cost $100 per plate. A number of those expected were absent, yet seventy-seven persons sat down. The scene was in the room which the carnation convention will use for its exhibition, and the decorations were in the nature of a southern garden, with fruit trees in bud and fruit. There was a large lake in the room, in which water lilies and other aquatic plants were blooming naturally. The affair was so exclusive that no outsider could get a look in on any pretext, the company looking after that themselves.

Hoo-Hoo.

WELLSVILLE, O.—B. A. Mick has opened a new store in the room formerly occupied by T. W. Brooks at Main and Sixth streets.

NEW PHILADELPHIA, O.—T. B. Stroup reports that his holiday trade showed an increase of about twenty-five per cent over that of last year. Advance orders for Christmas were light, but on Thursday, December 23, business came with a rush, which lasted until noon on Saturday. There was a good supply of both cut flowers and blooming plants and all were sold out clean. There was also a good demand for ferns, especially for Whitmani at $2 and $3.

H. E. FROMENT

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Wholesale Cut Flower Prices.

New York, Jan. 10, 1910.

	Per 100
Beauty, Specials	$25.00 to $40.00
" Fancy	15.00 to 25.00
" Extra	10.00 to 15.00
" No. 1	6.00 to 10.00
" No. 2	2.00 to 4.00
Bride and Maid, Specials	5.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 4.00
" " No. 2	1.00 to 2.00
Richmond	2.00 to 15.00
Chatenay	2.00 to 12.00
Killarney	2.00 to 12.00
My Maryland	2.00 to 12.00
Orchids	40.00 to 60.00
Carnations, Common	1.00 to 2.00
" Select and Fancy	2.00 to 3.00
" Novelties	4.00 to 6.00
Chrysanthemums	10.00 to 25.00
Adiantum Cuneatum	.25 to .50
" Croweanum	.50 to 1.00
Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
Smilax	8.00 to 12.00
Lilies	8.00 to 12.00
Lily of the Valley	2.00 to 4.00
Gardenias	10.00 to 35.00
Violets	.50 to .75
Callas	8.00 to 12.00
Cypripediums	10.00 to 12.00
Sweet Peas...per bunch, 5c to 10c	
Narcissus	.50 to 1.50
Roman Hyacinths	1.00 to 2.00
Tulips	1.00 to 2.00
Stevia, bunch	$0.15 to $0.25
Pansies "	.05 to .08
Mignonette...per doz.	.50 to 1.00
Daffodils	2.00 to 3.00

THE ad we had in your paper the last two months certainly kept us what they call "humping," for orders came in every day and they are coming yet. I am certainly more than satisfied.—WILLIAM EHMANN, Corfu, N. Y.

B. S. SLINN, Jr.

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Phones 4620, 4621, 3864 Madison Square

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Green and Bronze Galax Leaves

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CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.
Write for quotations on large quantities.
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GROWERS' CUT FLOWER CO.
Cut Flowers at Wholesale
J. J. COAN, Manager Consignments solicited
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WHOLESALE FLORISTS
55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
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122 W. 25th St., New York
FLORISTS' SUPPLIES
We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.
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MANHATTAN FLOWER MARKET, 46 West 29th Street, Telephone 1016 Mad. Sq. New York
Wholesale Florists. Consignments of Choice Cut Flowers solicited. Prompt payments. Give us a trial.
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Fancy and Dagger Ferns

Wholesale and Retail Dealer in ALL KINDS ...OF...


Bronze and Green Galax

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52 West 28th Street, NEW YORK
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YES We have MOSS, $1.50 per bale
Extra LARGE bales, $2.00
ESTABLISHED 1875 TEL. 2457 BEDFORD
H. KENNEY, 88 Rochester Ave. BROOKLYN, N. Y.
See my low prices for Wire Designs in the classified department.
Mention The Review when you write.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Buffalo, Jan. 12, 1910.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3.00
" Firsts	1.50
" Shorts	$0.75 to 1.00
	Per 100
Bride, Killarney and Maid, Special	$15.00
" " " No. 1	$ 8.00 to 10.00
" " " No. 2	6.00 to 8.00
" " " Shorts	4.00 to 6.00
Richmond	6.00 to 15.00
White Killarney	8.00 to 15.00
Maryland	10.00 to 20.00
Carnations	2.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	12.50 to 15.00
Ferns per 1000,	$2.00
Galax "	1.50
Violets	.75 to 1.25
Paper Whites	2.00 to 3.00
Stevia	1.00 to 1.25
Romans	3.00 to 4.00
Daisies	1.00 to 1.50
Sweet Peas	.75 to 1.00
Poinsettia	.15 to .25
Mignonette	3.00 to 5.00

Charles Millang

WHOLESALE FLORIST
Ground Floor of the Coogan Bldg., New York City
55 and 57 West 26th Street
6 a. m. to 6 p. m. every day in the year.
HEADQUARTERS FOR VIOLETS
Most convenient store for customers in the city
Telephone 7062 Madison
Consignments solicited.
The highest values guaranteed.
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48 W. 28th Street, NEW YORK
Telephone 3870-3871 Madison Square
The Largest Shippers and Receivers of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
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WALTER F. SHERIDAN
Wholesale Commission Dealer in
CUT FLOWERS
39 W. 28th St., NEW YORK
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Tel. 3582-3583 Madison Sq. Carnations.
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WILLOW AND FANCY BASKETS FOR FLORISTS
Dealers in Florists' Supplies
Our Specialties, Wheat Sheaves and Baskets
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43 West 28th Street, New York City
Tel. No. 3393 Mad. Sq.
We have room for a few more good growers. Prompt payments and top prices.
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WE ALWAYS GET A

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—FROM—

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(Signed)

CHICAGO GROWERS CUSTOMERS

PRICE LIST

	Per 100
Killarney	$4.00 to $10.00
Richmond	4.00 to 10.00
W. Killarney	4.00 to 10.00
My Maryland	4.00 to 10.00
Maid	2.00 to 10.00
Bride	3.00 to 10.00
Carnations	1.50 to 3.50
Violets, fancy N. Y. doubles	.50 to 1.25
Violets, single	.50 to 1.25
Sweet Peas	1.00
Lilies, doz., $2.00	
Valley	4.00
Adiantum	1.25
Ferns, per 1000, $2.00	

Extra Fancy billed accordingly

Prices NOT subject to raise without notice to regular customers.

Vaughan & Sperry

WHOLESALE FLORISTS

52-54 WABASH AVE., CHICAGO

Write for Special Prices.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 12, 1910.

	Per doz.
Beauty, long stems	$4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75

	Per 100
Bridesmaid, Special	$10.00
" Firsts	$ 6.00 to 8.00
" Short	4.00 to 5.00
Bride, Special	10.00 to 12.00
" Firsts	6.00 to 8.00
" Short	4.00 to 5.00
Richmond, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8.00
" " Short	4.00 to 5.00
Killarney, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Seconds	4.00 to 6.00
My Maryland, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Mrs. Jardine, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Cardinal	6.00 to 15.00
Perle	6.00 to 10.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.00
Sweet Peas	.75 to 1.50
Bouvardia	3.00 to 8.00
Stevia	1.50 to 2.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Jonquils	3.00 to 4.00
Tulips	3.00 to 4.00
Freesia	3.00 to 5.00
Cattleyas, per doz., $6.00–$9.00	
Easter Lilies " 2.00	
Callas " 2.00	
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays, bunch, 35c-75c	
" Sprengeri " 25c-35c	
Ferns, per 1000, $2.00	.25
Galax " 1.00	.15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz., $1.50–2.00	
Leucothoe	.75
Boxwood, $7.50 per case	

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SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

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51 Wabash Ave., CHICAGO

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The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO

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UNITED STATES CUT FLOWER CO.

Wholesale Florists

ELMIRA, NEW YORK

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PITTSBURGH CUT FLOWER CO.

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The House That Has and Sells Good Goods at Fair Prices .·. .·.

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Jan. 12, 1910.

	Per doz.
Beauty, Specials	$6.00
" Fancy	5.00
" Medium	4.00
" Short	$0.75 to 3.00

	Per 100
Bride and Bridesmaid, Fancy	$12.00
" " Medium	8.00
" " Short	4.00
Richmond	$ 8.00 to 15.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
My Maryland	6.00 to 15.00
Carnations	3.00 to 4.00
" ordinary	1.50 to 2.00
Adiantum	1.00 to 1.50
Smilax	15.00 to 20.00
Valley	4.00
Lilies	16.00
Roman Hyacinths	1.50 to 4.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.50
Mignonette	3.00 to 5.00
Cattleyas	75.00
Daisies	1.50 to 2.00
Violets	1.00 to 1.25
Single Violets	.50 to .75
Trumpets	4.00
Callas	15.00
Stevia	1.00

Cincinnati, Jan. 12, 1910.

	Per 100
Beauty, Extra	$25.00 to $50.00
" No. 1	15.00 to 35.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	6.00 to 15.00
My Maryland	6.00 to 20.00
Kaiserin Victoria	6.00 to 15.00
Rhea Reid	6.00 to 15.00
Carnations	3.00 to 6.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00

Boston, Jan. 12, 1910.

	Per 100
Beauty, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2.00 to 8.00
Killarney	2.00 to 12.00
Liberty, Richmond	4.00 to 20.00
My Maryland	4.00 to 12.00
Carnations, Special	4.00 to 5.00
" Select	3.00
" Ordinary	2.00 to 2.50
Cattleyas	40.00 to 50.00
Lily of the Valley	2.00 to 4.00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.75 to 1.00
Lilium longiflorum	10.00 to 12.50
Violets	.75 to 1.00
Gardenias	20.00 to 30.00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1.50 to 2.00
Roman Hyacinths	1.50 to 2.00
Mignonette	2.00 to 4.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 10.00
Yellow Narcissus	2.00 to 3.00
Stevia	.75 to 1.00

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $2.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.75.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

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311 MAIN STREET, Phone M-980 **CINCINNATI, OHIO**

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2-YEAR-OLD
AMERICAN BEAUTY PLANTS
from benches, at $8.00 per 100; $75.00 per 1000.

Welland & Ollnger
128 E. Third St., CINCINNATI, OHIO

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Greenhouses, NEW CASTLE, IND.

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C. E. CRITCHELL
Wholesale Commission Florist

Cut Flowers and Florists' Supplies

Consignments Solicited

WIRE GOODS OF ALL KINDS
Write for Price List

34-36 East Third Street, CINCINNATI, O.

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The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS

CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.

Phone Main 584. 316 Walnut St., Cincinnati, O.

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All Seasonable Flowers

Wild Smilax.....per case of 50 lbs., $4.50
Fancy and Dagger Ferns.....per 1000, 1.00
Green and Bronze Galax.....per 1000, .65

Pittsburg Florists' Exchange
15 Diamond Square, PITTSBURG, PA.

ROSES AND CARNATIONS
FANCY FERNS AND GALAX—High-grade Stock

ORDERS FILLED SATISFACTORILY

Detroit Cut Flower Supply House
Wholesale Commission Florist. H. V. Pearce, Prop.
6 Adams Ave. West, Detroit, Mich.
Home Phone 164. Bell, Main 974.

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PLEASE discontinue our advertisement, as we are completely sold out. This has convinced my proprietor that nobody else can sell as quick as the REVIEW does.—H. J. POTOMKIN, Mgr., Forest City, Ia.

E. G. Gillett
Wholesale Florist

Successor to GILLETT & OHMER

131 East 3d Street, CINCINNATI, O.

All Cut Flowers in Season

SPECIALTIES—American Beauties, Killarneys, Richmond, Maryland, Jardines, Brides—Heller Bros. stock—send me an order.

Greens of all kinds. **Florists' Supplies.**

WIRE WORK—This department manufactures the best work in the market. Send for illustrated catalogue. Look over your stock and send me a trial order. How about your **Hanging Baskets** for Spring?

Mention The Review when you write.

The Munk Floral Co.
WHOLESALE GROWERS OF

Cut Flowers
Columbus, :: Ohio

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Everything a Florist Uses

The Denver Wholesale Florists Co.
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DENVER, COLO.

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J. B. MURDOCH & CO.
714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

SEND FOR LIST.

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The McCallum Co.
Wholesale CUT FLOWERS
and Florists' Supply House
Headquarters of Western Pennsylvania Growers
917 Liberty Ave., PITTSBURG, PA.

Mention The Review when you write

PACIFIC COAST.

PORTLAND, ORE.—Clarke Bros. are sending their customers and friends a handsome calendar, reproducing the painting "Pansies," by Boileau.

PROPAGATING HOLLY.

Will you please let me know the best and cheapest way to get a start in growing holly? I want to get the kind that has berries on it. If they can be started from slips, when is the best time and what is the best way? If they can be started from seed, when and how should the seed be planted? I am located in Oregon. G. E. C.

This query can be answered in several ways, and a good deal depends on what quantity of plants G. E. C. wishes to grow. If he only desires a few large plants and does not want to wait several years before he can cut a crop of berries, the best way would be to import some strong, well-berried plants from Europe. These can be landed in Oregon for a couple of dollars apiece, and the plants will be large enough for immediate sale.

If, on the other hand, he wishes to grow a large quantity of stock and is not in any immediate hurry for returns from them, our advice would be as follows: Early next fall, order from some responsible European firm as many young holly seedlings as it is desired to plant. Three-year-old stock is the best to import, and a reasonable allowance should be made for plants that will not grow; in other words, if it is desired to grow 2,000 hollies, order 3,000 seedlings. These plants will arrive late in the fall, and as soon as possible they should be planted out in nursery rows. Do not plant the seedlings closer than one foot apart. About May 1 they will be ready for budding, as the stems will by that time be large enough for this purpose. Select buds from well-fruiting trees, and do not use any wood that is too soft. The method is the same as that pursued with all kinds of deciduous stock. Hollies are easily propagated in this way, and the buds start out quickly. Topping should be done about the first of September, as by this time the shoots from the bud have commenced to show themselves. Do not cut back stocks the eyes from which have not grown. Rather give them another chance and bud over again. In cutting off the wild stock above the bud after the eye has started, it is a good plan to leave a couple of inches of the hardy stem above the eye. Early the following spring the wild top can be cut down to within half an inch of the top of the bud. By this time, if the stock has been kept growing in a good, healthy condition, the young shoots should be at least a foot in length, and the following season all should show berries.

It takes several years, however, to get a good-sized plant, but the way we have described is the most satisfactory if the grower is not in too much of a hurry and wants to raise a quantity of berries. The wild stock can be purchased in Europe at a few dollars per thousand, and scions from fruiting plants can be purchased from any responsible grower on the Pacific coast. It is not practicable to grow from cuttings, and seedlings which are only fit to be used to graft or bud on can be purchased cheap in Europe. Although it takes several years to grow a supply of holly for market, the demand is and has been much greater than the supply. G.

Rooted Carnation Cuttings

Taken from plants grown in the open field the year round. Ready for immediate delivery.

PINK	Per 100	1000
Winona, light pink	$3.00	$25.00
Enchantress, shell pink	1.80	15.00
Winsor, light pink	1.75	12.00
Rose-pink Enchantress	1.50	12.00
Nelson Fisher, cerise	1.25	10.00
Mrs. T. W. Lawson, cerise	1.75	15.00
CRIMSON		
Harlowarden	1.40	12.00
YELLOW—Eldorado	1.50	12.00

RED	Per 100	1000
Beacon	$2.25	$20.00
Victory	1.75	15.00
Red Lawson	1.25	8.00
Estelle	1.15	12.00
WHITE		
White Perfection	2.25	20.00
White Enchantress	2.25	20.00
White Lawson	2.00	15.00
Flora Hill	1.50	

Asparagus Plumosus Nanus, 2½ to 3-in. pots, $15.00 per 1000, f. o. b.

25 of any one variety, at 100 rate; 250 of any one variety, at 1000 rate. Express charges prepaid on all orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Rooted Carnation Cuttings

	Per 100	1000		Per 100	1000
Enchantress	$1.80	$15.00	White Lawson	$2.00	$15.00
Rose-pink Enchantress	1.50	12.00	O. P. Bassett	4.00	35.00
Mrs. T. W. Lawson	1.50	12.00	Beacon	2.00	18.00
White Enchantress	2.25	20.00	Victory	1.75	15.00
White Perfection	2.25	20.00	Gov. Roosevelt	1.40	12.00

Express charges prepaid on all orders amounting to $5.00 or more.

BASSETT'S FLORAL GARDENS, Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

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Kentia Belm. Seeds

IN PORT

Get them fresh—Cash with order.
$4.25 per 1000; $40.00 per 10,000.

Exotic Nurseries, Santa Barbara, Cal.

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SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. Pentstemon Hybridus Grandiflorus, tr. pkt., 25c; oz., $1.00. Pentstemons, Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots ..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in., buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

Being now in the first week of the new year, we have had ample time to take a long survey of the surroundings and give a fair summary of the holiday trade. From reports from a majority of the growers, it seems that Christmas business was quite up to that of last year, though the sales were more divided than is usual. New Year's trade was at least twenty-five per cent heavier than that of one year ago, which makes a highly satisfactory starting for 1910. At the present writing we are being treated to quite a spell of cold weather, and as a result everything in the flower line is much less plentiful than it usually is at this time. Carnations and roses, especially of the lighter colors, are scarce, and if the present cold snap continues we shall be heavily pressed for flowers.

In violets the supply is even less plentiful, and the price has risen somewhat, so that the retailers are now paying $1 per dozen bunches, and they are being put up in small packages, even at that price. Daffodils and narcissi have made their appearance; the former are entirely hothouse grown, while the latter are being sent into town from the interior, and are outside stock. Valley is scarce and not of extra good quality. Chrysanthemums are really past their prime, but the Chinese growers continue to make quite large pickings of them, and, owing to the general scarcity of stock, they move well.

Maidenhair fern, asparagus and smilax are scarce again, and show the results of the close cutting for the holidays. Orchids are being sent into town in about sufficient quantities to supply the market. All kinds of outside stuff, except that already mentioned, are completely out of season, and everyone is wishing for an abatement of the cold snap, so that flowers may resume their normal condition.

Various Notes.

Several of the retail stores refused to accept consignments of outside grown

THE HOME OF
HIGH-GRADE, WATERPROOF
Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.**
Samples and prices sent on application.

A. A. ARNOLD
16-22 S. Peoria Street, CHICAGO, ILL.

Mention The Review when you write.

poinsettias from the south, on the ground that the flowers and foliage were not of sufficiently good quality to be handled over the counter.

Dr. Parker, the Santa Cruz orchid grower, is in town interviewing the local dealers.

Frank Shibeley, of the Shibeley-Mann Co., reports an extra heavy shipping trade for the month of December.

E. W. McLellan & Co., of Burlingame, are sending some extra fine Killarney roses to the local growers. J. W. Gilmore has charge of the growing at this establishment.

Fred S. Higgins has severed his connection with the firm of Clarke Bros., of Oakland, Cal. G.

LOS ANGELES, CAL.

The Market.

Business has been good since Christmas. Many receptions, parties and balls used up quantities of flowers. New Year's week saw all kinds of weather—rain, frost, hail and sunshine. The snow on the mountains extends far down the sides and gives a decidedly cool feeling to the atmosphere, even when the sun is shining.

Flowers are back to normal prices, first-class carnations selling for $1 a dozen. Valley and orchids are plentiful, with a good call for both. There has been a good shipping trade.

Various Notes.

On account of the rain, which fell heavily for thirty-six hours previously and until 8 o'clock New Year's morning, the rose tournament at Pasadena was not as much of a success as usual, a good many entries being withdrawn, but what there was was fine. This was the twenty-first annual event of the kind, and in all these years there have been only two rainy New Year's days before this. All of the entries were elaborately decorated with fresh flowers, poinsettias, bougainvilleas, roses, carnations, marguerites, marigolds, etc. Not an artificial flower was allowed. All of the schools had beautiful allegorical floats.

The night of January 5 was the coldest of the season, many oranges and lemons suffering at Riverside, Redlands and elsewhere in the "frostless belt." For the first time in sixteen years frost was felt at Catalina Island.

Many of the stores in Los Angeles were busy on Monday, January 3, with designs for the funeral of a prominent citizen. Violets were used in profusion in nearly all cases. At The Angelus two particularly handsome pieces were seen—a 5-foot standing wreath of Enchantress carnations, white roses and maidenhair, and a pillow about the same size, of carnations, roses and orchids. S. A. C.

The Standard Mailing Tube

A Great Combination of Good Qualities

Strong—Resisting crushing in mail sacks.
Light—Making mailing cost low.
Time Saving—Easiest and quickest package to make up.
Low Cost—Its low cost appeals to every grower.
Satisfied Customers—We believe that 98% of plants carried in **Standard Tubes** arrive at destination in perfect condition. Can that be said of any other package?
Full range of sizes and special sizes to order promptly.

——Samples on request.——

THE STANDARD MANUFACTURING CO., Coatesville, Pa.

Mention The Review when you write.

SILKALINE FF

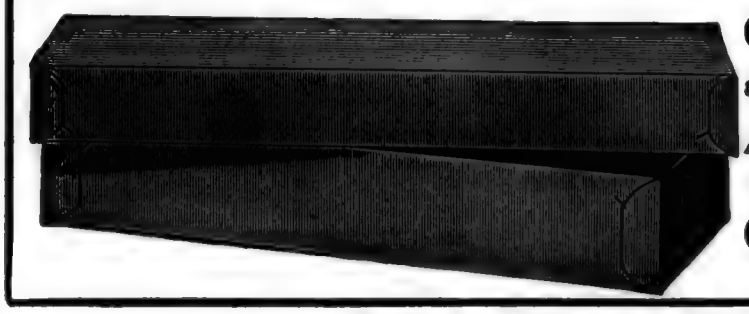
Meyer Green Silkaline
FULL WEIGHT

Guaranteed 2 oz. to the spool, 8 spools per lb., or 16 oz. actual weight of Thread per lb.

See that you get the **Meyer Green Silkaline** and take no other.
Price $1.25 per lb.

JOHN C. MEYER & CO., :: LOWELL, MASS.

Mention The Review when you write.



Cut Flower and Design Boxes

All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	3.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

Mention The Review when you write.

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x8	$2.25
18x5x8	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12.50
36x14x10	16.50
36x10x6	9.00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.
New York Office: 20 E. 42nd Street

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

W. M. FRINK, a nurseryman, has been appointed city forester at Cleveland, O.

D. C. BLISS, for twenty-five years in the nursery business at Minden, Neb., is selling out and retiring.

WILLIAM A. PETERSON, proprietor of Peterson Nursery, Chicago, was reëlected a director of the State Bank of Chicago at the annual stockholders' meeting January 11.

THE Tennessee Nurserymen's Association will hold its annual winter meeting at Nashville, January 31, in connection with the meeting of the State Horticultural Society.

F. W. KELSEY, whose withdrawal from the American Nursery Co., New York, was announced December 28, will hereafter do business as the F. W. Kelsey Nursery Co., 150 Broadway, New York.

THE Kenmar Orchard Co., of Pittsburg, Pa., has been incorporated, with a capital stock of $20,000. The incorporators are W. R. Johnston, of Pittsburg; W. F. Gwin, of Baltimore, Md., and Edward L. Worthington, of Charlestown, W. Va.

THE fruit tree business on the Pacific coast is enjoying a boom. In the north the apple orchardists, and in the south the orange growers, are enjoying such good crops and finding such good markets that stock is wanted for much new acreage.

THE Western New York Horticultural Society will hold its fifty-fifth annual meeting at Rochester, January 26 and 27. Wm. C. Barry is president and the secretary is John Hall, secretary of the American Association of Nurserymen. Many nurserymen will attend, and several have places on the program.

SALT IN WHITEWASH.

Is it proper to add salt to whitewash in using same to whitewash trunks of deciduous trees; the object being to keep rain from washing it off? A. N.

There is no harm in adding some salt to the whitewash for tree trunks and it certainly seems to make the wash hold somewhat better. C.

NECESSITIES THE MOTHER.

A few years ago one of the large and successful rose growers, who did a flourishing mail order business, found he was having so many complaints from customers because of the ruined condition of the plants sent through the mail that he felt he was compelled to change the style of his package so as to overcome the crushing in the mail sack. After repeated experiments the tube shape package was tried, and gave the best results. Since then the tube has undergone changes and improvements till now it is conceded to be the most efficient mailing package for plants known to the trade.

The manufacturers of these tubes have recently obtained from the classification committee of the railroads of the United States a special freight rate on nested tubes which cuts down the rate of freight one-third.

The strength and lightness of the tube, together with the fact that it is split open from end to end, so that the wrapped plant can be laid in carefully and when the destination is reached can be lifted carefully out without pushing or disturbing it in any way, seems to leave nothing more to be desired in the way of efficiency.

Apple Seedlings

We have some surplus, both AMERICAN and FRENCH grown.
All grades for grafting and budding.

Imported Fruit Tree Stocks

Now arriving—Cherry, Pear and Plum stocks.
ALL GRADES.

APPLE GRAFTS PIECE AND WHOLE ROOT
ORDER QUICKLY

Also a complete line of General Nursery Stock; mostly in storage.
Send List for Prices.

WANTED—APPLE SCIONS

Shenandoah Nurseries
D. S. LAKE, Prop. SHENANDOAH, IOWA

Mention The Review when you write.

MANETTI ROSE STOCKS for GRAFTING
Smooth, evenly graded, disbudded, well rooted, $15.00 per 1000
JACKSON & PERKINS CO., :: NEWARK, NEW YORK

Mention The Review when you write.

American Everblooming **HYDRANGEAS**
1 and 2-year, strong.
Sugar Maple, transplanted. Peonies in all best sorts. Anchusa Dropmore. Funkia Alba. German Iris, 20 best sorts. Hemerocallis, 5 fine var. 50,000 Lilies. Phlox, named. Gladioli, 100 named var. Tritoma Pfitzeri, Dahlias, Oxalis, etc.
THE E. Y. TEAS CO., Centerville Ind.
Mention The Review when you write.

Lilacs Charles X and Marie Legraye.
Deutzia Lemoinei, pot-grown, in fine condition.
Boxwood and Bay Trees, for immediate or spring delivery.
Orders booked now at inviting prices. Write to
F. W. O. SCHMITZ
Importer, PRINCE BAY, N. Y.
Mention The Review when you write.

WANTED LOWEST PRICE ON
600 Spruce Van Houttei, 600 Golden Spruce, 600 Weigelia Rosea, 600 Weigelia Variegata, 600 Bush Honeysuckle, 1200 1½ to 2-inch Carolina Poplar, 1000 St. Apples, assorted, 1000 St. Pears, assorted, 1000 Plums, 1000 Cherries. Give size, and age. Address
F. A. BOLLES
Coney Island Ave. and Ave. L, BROOKLYN, N. Y.
Mention The Review when you write.

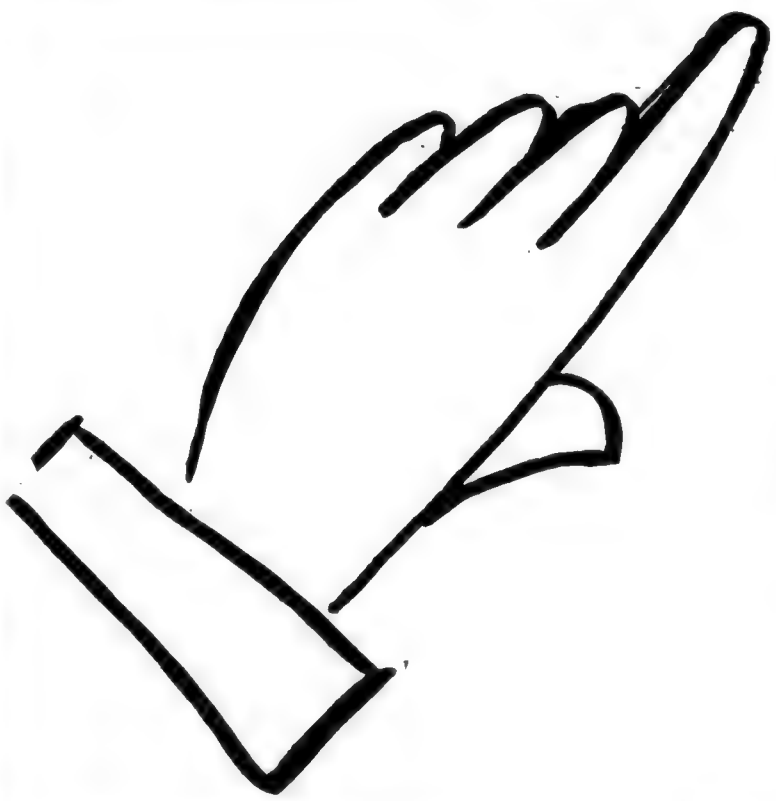
FOREST TREE SEEDLINGS
We Have Millions of Seedlings
BLACK LOCUST, CATALPA SPECIOSA Red Bud, Sweet Gum, Sycamore, Persimmon, Poplar, Ash, Elm, California Privet, and various other seedlings at very low prices.
A large stock of transplanted 2 to 6 ft. Hamamelis Virginiana; Calycanthus, sweet shrub, 6 in. to 3 ft.; Spiraea Van Houttei, 2 to 2½ ft.
FINE STOCK. SEND FOR LIST.
FOREST NURSERY & SEED CO.
McMINNVILLE, TENN.
Mention The Review when you write.

Bassett's Dahlias
Field roots—Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal, $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.
2-yr.-old Peonies, $10.00 per 100.
J. Murray Bassett, Hammonton, N. J.
Mention The Review when you write.

DAHLIAS
We are growers of the very best; have a large collection to select from. Send for prices.
David Herbert & Son
ACTO, N. J.
Mention The Review when you write.

ANNUAL SPECIAL

Carnation Number



THE WEEKLY FLORISTS' REVIEW

To be Published **January 27, 1910**

Containing a full report of the Pittsburg Convention and Exhibition of the American Carnation Society, and much other seasonable matter.

TIMELY for Special Advertising of

....NOVELTIES....

Carnation Cuttings	Building Material	Florists' Seeds
Rose Plants	Boilers	Ribbons
Decorative Plants	Insecticides	Bench Materials
Easter Specialties	Bedding Plants	Fertilizers

also Wholesale Cut Flowers and many other stocks in strong demand at this date.

"Relative to the results we are receiving from our advertisement in the Review, it gives us pleasure to state these have been most satisfactory. The advertisement had its first insertion December 9, and over 200 inquiries, for literature, etc., on our Thermostatic Instruments for Greenhouses, have already come to us, from Florists located in 31 states in the Union. The result was, indeed, an agreeable surprise to us, as we would have been satisfied with receiving half this number of inquiries.

"NATIONAL CLOCK & ELECTRIC MFG. CO., St. Louis, Dec. 21, 1909."

EARLY COPY IS A GREAT HELP

towards good display and position. If the size of your stock does not require a page adv. send a classified, but **SEND IT EARLY.**

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) **Seedlings**
EVERGREENS Specimens for August planting.
California Privet — 2-year
Ask for prices.

HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J.

Mention The Review when you write.

Peonies a Specialty

Write us for latest price list

PETERSON NURSERY,
Stock Exchange Building. CHICAGO.

Mention The Review when you write.

Get in on ROSES

From early summer propagation on own roots. Booking orders now for winter and spring delivery.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO

Always mention the Florists' Review when writing advertisers.

New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years **GENEVA, N. Y.** **800 Acres**

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart	T. Blumschen	La Fiamma
Trier	Lady Gay	Debutante
Dorothy Perkins		Hiawatha

12c each

Tausendschon Barbier **20c each**

Clematis Paniculata, field-grown, 1-year, 6c each.
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c.
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $3.00 per 100; $25.00 per 1000.
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES

The United States Nursery Co
RICH, Coahoma Co., MISS.

Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Jan. 11.—Lettuce, 35c to 40c case; radishes, 35c to 50c doz. bunches; mushrooms, 25c to 35c lb.

BOSTON, Jan. 10.—Cucumbers, $3 to $8 box; parsley, $1.50 to $2 box; lettuce, 50c to 75c box; radishes, $1.50 box; mint, 60c to 75c doz. bunches; tomatoes, 15c to 25c lb.

NEW YORK, Jan. 10.—Mushrooms steady. Cucumbers dull and weak. Lettuce in light receipt and selling fairly. Radishes firm. Tomatoes dull. Cucumbers, 75c to $1 doz.; lettuce, 75c to $1 strap; mint, 40c to 50c doz. bunches; mushrooms, 20c to 45c lb.; radishes, $2 to $3 hundred bunches; tomatoes, 10c to 20c lb.

CELERY IN UNHEATED HOUSE.

Can celery seed be sown in a solid bed in an unheated greenhouse during March in the northeastern part of Oregon, and be grown successfully there until large enough to transplant to a coldframe in April? F. C. P.

That would depend upon the temperature of the house, but I am afraid you would not be very successful. You could make a hotbed in the unheated house, to set your boxes on, and start the seed much more quickly. Celery is slow, anyhow, and although it does not mind cool weather, it would surely be slow in a cold, unheated house. Not knowing much of your climate, I can give no positive answer, but it would be little trouble to put in some fresh manure to set the boxes on, and keep them warmed up well. H. G.

ROOT ROT IN BRASSICAS.

Can you tell me why my cabbage and cauliflower plants, when small, have the root-rot or some similar disease? They turn black between the root and the seed leaf. Some of them survive by forming a sort of lump and striking out from there again. C. J. J.

The rotting of the stems of the tiny cabbage and cauliflower plants is caused by a fungus and can be avoided by selecting fresh, clean, new soil to plant the seeds in, and by planting the seed not too thickly. It is also important that they have good care, with just enough moisture to keep the soil damp, and a good, bright place to start them in. They should also be transplanted as soon as possible, as that will help them greatly. It is best to sow the seed at different times, so they will not all be up and need to be transplanted at once, or some will be neglected. Fresh air is one of the best remedies for all fungous diseases. H. G.

MAGGOTS IN TURNIPS.

Please give me a remedy for turnip maggots. I can never use my late crop of turnips, as they are honey-combed with these maggots. C. J. J.

I have never had any trouble with maggots in turnips, but have had crops of red radishes ruined and made unsalable by them. The particular variety which worked on them is known to entomologists as the sciara, or fickle midge, and is referred to in the trade as the manure gnat. The maggots are the larvæ of these gnats, which swarm around fresh stable manure, and the eggs were in the manure used on the soil. They seem to make the most trouble about five or six weeks after starting the garden. I now avoid them by putting my root crops on soil that has been manured heavily the year before, using no manure on it just before the crop is planted.

It may be a different maggot, however, that is attacking your turnips. In that case it would be well to send a sample to your state agricultural college experiment station, or to the Bureau of Entomology of the United States Department of Agriculture, Washington, D. C. All the insect enemies of vegetation are known to the authorities, and much valuable information in regard to the control of the pests is gladly given. The Department of Agriculture is for the benefit of horticultural and agricultural interests, and they welcome inquiries from the growers. H. G.

Rooted Carnation Cuttings

White Enchantress, White Perfection, Lady Bountiful, Enchantress, Beacon, Rose-pink Enchantress and Afterglow

These are from stock grown out last summer in the best tobacco soil in this country. Write for prices, January delivery.

LA FRANCE CARNATION CO., 139 West Water Street, Elmira, N. Y.

Mention The Review when you write.

Seeds for the Market Gardener

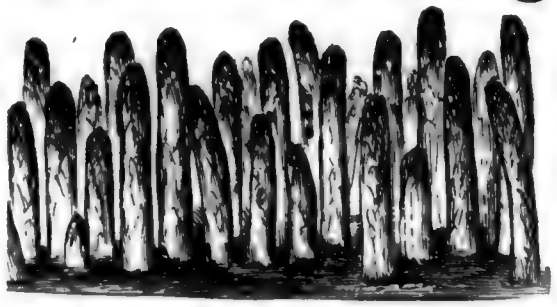
are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 112-page catalogue contains true description and no overdrawn illustrations. Our prices are right, quality considered. Market Gardeners are requested to write for our Market Garden Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE BOX 246 Established 1888 BEATRICE, NEB.

Mention The Review when you write.

ASPARAGUS
—AND—
RHUBARB
—FOR—
Winter Forcing



Mammoth Clumps weighing from 4 to 6 pounds will force in 4 weeks, the most tender and delicious Asparagus. Can be forced under greenhouse benches or in cellars. Customers were delighted with their success last season and are doubling their orders. We offer choice clumps for immediate delivery at **$1.00 per dozen; $6.00 per 100; $50.00 per 1000; 250 clumps at the 1000 rate.**

RHUBARB

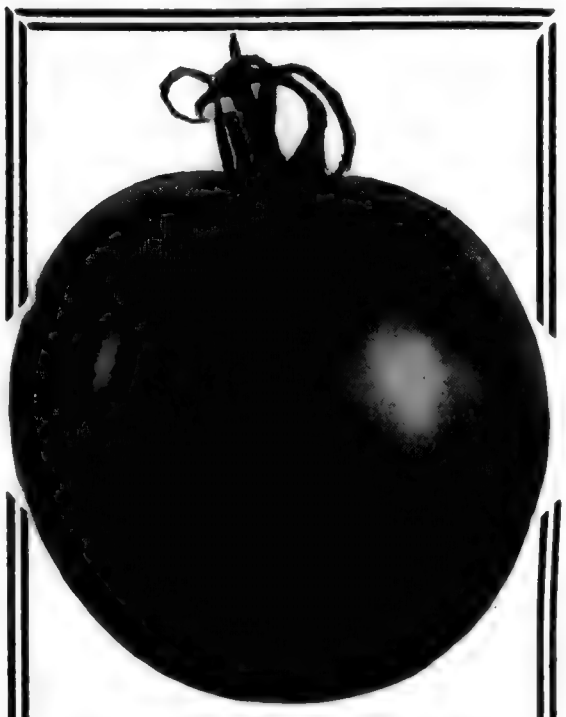
Large Clumps, $1.75 per dozen; $10.00 per 100. Special quotation will be given on quantity.

Write for our **Wholesale List For Florists and Market Gardeners**—Just issued.

JOHNSON SEED COMPANY

217 Market St., PHILADELPHIA, PA.

Mention The Review when you write.



Livingston's Famous Tomatoes

surpass in all important points. Their superior characteristics are known wherever tomatoes are grown, and their ever increasing popularity obliges us to grow tons of tomato seed every year.

New Globe-shaped Sorts

are the best money can buy. Genuine stock sold only under "True Blue" seal.

Livingston's Globe—First early purple, of finest quality. Pkt., 10c; oz., 30c; ¼ lb., $1.00, postpaid.

Livingston's Hummer—Early, ball-shaped, bright red. Borne in fine clusters. Pkt., 10c; oz., 30c; ¼ lb., 80c.

Livingston's Coreless—Large, ball-shaped main crop. Pkt., 15c; oz., 35c; ¼ lb., $1.10, postpaid.

Try one packet of all three sorts for 20c

Comet Tomato is a superior forcing sort producing ball shaped fruits in clusters. Grown on our own farms! Pkt., 10c; oz., 30c; ¼ lb., 80c. Postpaid.

Write to DESK R for booklet "Tomato Facts" and New Catalogues today!

The Livingston Seed Co., Columbus, O.

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

	Per 100	1000
Enchantress	$2 00	$15.00
W. Enchantress	2.50	18.00
Kingston Pet	2.50	18.00
Beacon	2.50	18.00
White Lawson	1.50	12 00
Winsor	1.50	12.00
Variegated Lawson	1.50	12.00

Send your orders for Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

Mention The Review when you write.

CHRYSANTHEMUMS
AND
ASTER SEED

All the leading kinds best suited to Florists' use.

Elmer D. Smith & Co.
ADRIAN, MICH.

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2.00	$18.00
White Enchantress	3.50	30 00
White Perfection	2.50	20 00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20.00
Pink Lawson	2.00	15.00
Rose-pink Enchantress	3.50	30 00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

Mention The Review when you write.

Rooted Rose Cuttings

	100	1000
American Beauties	$3.50	$30.00
White Killarney	8.00	75.00
Pink Killarney	1 75	15.00
Richmond	1.50	12.00
Bride	1.50	12.00
Pink Killarney, 2-year-old bench plants	3.50	30.00

Satisfaction guaranteed.

GEORGE REINBERG
51 Wabash Avenue, CHICAGO

Mention The Review when you write.

Carnation Cuttings

Beacon, Enchantress, White Enchantress, White Perfection, Winsor	$2.50 per 100; $20.00 per 1000.
Winona, Lawson-Enchantress	$3.00 per 100; $25.00 per 1000.
Georgia	$5.00 per 100; $40.00 per 1000
Pink Delight	6.00 per 100; 50.00 per 1000

WHITE BROTHERS, Gasport, N. Y.

Mention The Review when you write.

You Will Find
ALL THE BEST OFFERS ALL THE TIME
In The Reviews Classified Advs.

CARNATIONS
Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of **White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat, Beacon.**

Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

SANGAMO
The New Pink Carnation



Everyone who has seen SANGAMO growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it NOW. Price, $12.00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN
SPRINGFIELD, ILL.

DAHLIAS—GLADIOLUS

400 varieties of **Dahlias**, selections from the best the country affords.

Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

Snow White Sport of HELEN FRICK
Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.

Heavy stock plants.....$3 00 per doz.
Smaller " " ..... 2.00 "

HENRY EICHHOLZ, Waynesboro, Pa.

Bon Ami Here It Is
A New White Carnation

Equal in production to the old Queen, with flowers of a far superior quality. An excellent, clean, upright grower, producing no surplus grass. Stem, very strong and of good length. Average size of flower, 3 inches. An early, continuous bloomer. Bon Ami will prove a good friend to all who will try it.

$10.00 per 100, $75.00 per 1000. Orders booked now for February delivery.

GEORGE E. BUXTON, Nashua, N. H.

Mention The Review when you write.

PROVIDENCE, R. I.

The Market.

Recovering from one of the worst storms, with snow and zero temperatures, experienced here since 1898, the florists were hard pushed last week by the extra demands made upon them. This was occasioned by the unusually large number of funerals, in addition to the annual inaugurations of state and city officials. At the inauguration of the officers in this city alone, more than 140 designs and bouquets were counted, the estimated cost of which was approximately $750. At the four other cities in the state there were equally large displays, and at the state house another grand display of flowers was shown. This work was well distributed.

There has been a slight scarcity of cut flowers on account of the weather conditions, but an improvement was seen on Saturday. Several of the greenhouse men sustained some loss by the storm, in the way of broken glass and strained sashes.

Various Notes.

The annual banquet of the Florists' and Gardeners' Club of Rhode Island will be held at Brucker's January 17.

William E. Chappell had the decorations for the annual banquet of the Past Masters' Association of Masons at the Masonic Temple January 6.

Nels G. Pierson, of Norwood, has been elected a delegate to the state convention of volunteer firemen from the volunteer fire company of his village.

A daughter has been born to Mr. and Mrs. Simon Colitz, of Woonsocket. Mr. Colitz is the proprietor of the Rustic Flower Store, in that city.

William B. Hazard has secured a retail store at 178 Mathewson street, and he opened for business January 10.

Walter Nichols, of Hampden Meadows, is cutting some fine Beacon and Enchantress carnations for the Boston market.

W. H. M.

Carnation Cuttings

Strong, Well Rooted, Healthy Stock.

	Per 1000		Per 1000
Enchantress	$15.00	Winona	$25.00
R. P. Enchantress	15.00	Afterglow	25.00
W. Enchantress	25.00	Variegated Lawson	12.00
L. Enchantress	20.00	Pink Lawson	10.00
O. P. Bassett	45.00	Queen	10.00
Lucille	75.00	Sarah Hill	20.00
Beacon	25.00	White Perfection	25.00
Mrs. Chas. Knopf	45.00	Harlowarden	15.00
Victory	20.00	Ruby	45.00
Winsor	15.00		

——Cash or C. O. D.——

SOL. GARLAND, Des Plaines, Ill.

Announcement

By arrangement with Messrs. Patten & Co., all future orders for **Shasta** will be filled and shipped from Indianapolis. To save time in getting your order booked you should send your order direct to us. By the way, you had better send in your order if you want early February cuttings.

Come and see it growing and be convinced that **Shasta** is the greatest money making White Carnation today. Has averaged 8½ blooms per plant by Jan. 1. We invite the closest inspection.

$12.00 per 100; $100.00 per 1000.

SEND FOR OUR PRICE LIST OF NEW AND STANDARD VARIETIES

BAUR & Smith, 38th St. and Senate Ave., **Indianapolis, Ind.**

Mention The Review when you write.

Rooted Carnation Cuttings

Ready for January Delivery. Clean, Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85 00
Enchantress	2.00	18.00
Enchantress, Rose-pink	3.50	30.00
Enchantress, White	3.50	30 00
White Perfection	2 50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.

24 N. Main St. - - - DAYTON, OHIO

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted,
Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.

If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

Mention The Review when you write.

NEW

SEEDLING ROSE

Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

Roses

Fine 2½-in. pots. Own roots.

Orders booked now for March and April delivery.

	Per 100	1000
White Killarney	$8.00	$75.00
Killarney	5.00	45.00
My Maryland	6.00	50.00
Rhea Reid	6.00	50 00
Richmond	5.00	45.00
Kate Moulton	5.00	45 00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

Also American Beauties

Carnation Rooted Cuttings

	Per 100	1000
O. P. Bassett	$6.00	$50.00
Pink Delight	6.00	50.00
Mrs. J. C. Vaughan	6.00	50.00
Georgia	6 00	50.00
Sarah Hill	5.00	45 00
Patten	3.00	25.00
Afterglow	3.00	25.00
White Perfection	3.00	25.00
Beacon	3 00	25.00
Lawson-Enchantress	3 00	25 00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Victory	2.50	20.00
Robt. Craig	2 50	20.00
Lady Bountiful	2.00	17.50
White Lawson	2.00	17.50
Winsor	2.00	17.50
Mrs. T. W. Lawson	1.50	12.00
Light-pink Lawson	1.50	12.00

Ferns

Boston Ferns, 3-in., 5c; 4-in., 12c; 5-in., 25c; 6-in., 40c; 7-in., 90c; 8-in., $1.25.

Whitmani, 2¼-in., 4c; 4-in., 20c; 5-in., 30c; 6-in., 50c; 7-in., 90c; 8-in., $1.00; 9-in., $1.25; special, 3 in a pan, $1.25.

Plumosus Nanus, 3-in., 6c; 4-in., 10c; made-up plants, in 5-in., 35c; 6-in., 50c.

Sprengeri, 2¼-in., 2½c; 4-in., 8c; 5-in., 15c; 6-in., 30c; 7-in., 75c.

Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tsussimense, 2½-in., $3.50 per 100; 3-in., $6.00 per 100.

Red Dracaenas, 3-in., 10c and 12½c; 6-in., $1 00.

Araucaria, 4-in., 4 tiers, 60c; 5-in., 5 tiers, $1.00.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

Always mention the Florists' Review when writing advertisers.

Young Grafted Rose Plants

Ready March 15

White Killarney, 2½-in. ..... per 100, $12.00
My Maryland, 2½-in. ..... " 12.00

O. P. BASSETT RED CARNATION

Rooted cuttings ..... per 100, $6.00; per 1000, $50.00

Kaiserin

Bench plants, now ready for shipment, two years old and over ..... per 1000, $50.00

Our rooted cuttings and young rose plants have a national reputation for choice quality and careful packing.

Bassett & Washburn

Office and Store,
76 Wabash Ave., Chicago

Greenhouses,
Hinsdale, Ill.

Mention The Review when you write.

Rooted Carnation Cuttings

FOR IMMEDIATE DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

Whitmani Ferns

Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.
Scholzeli Ferns, from 2½-in., $5.00 per 100.
Boston Ferns, 2½-in. pots, $3.00 and $4.00 per 100.
Camellias, Campbell and Chandleri, in bloom, $1.25, $1.50 and $2.00 each.

ANTON SCHULTHEIS, College Point, L. I.

Mention The Review when you write.

PRIMULA

Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

Mention The Review when you write.

:: ROOTED CUTTINGS ::

Carnations

	100	1000
O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
White Perfection	2.00	15.00
White Lawson	1.50	12.50

Fine, Clean, Strong, Well-rooted Stock

Roses

	100	1000
Richmond	$2.00	$17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Killarney	2.50	20.00
Perle	2.50	20.00
Sunrise	2.50	20.00

Peter Reinberg, 35 Randolph St., **Chicago**

Mention The Review when you write.

CINCINNATI.

The Market.

Snow storms and the decidedly cold weather shortened the supply of cut flowers in the first part of last week, and consequently stock of all kinds was scarce, but toward the end of the week stock became more plentiful. This is especially true of American Beauties; they dropped down to $4 per dozen for the best. Tea roses of all kinds are of exceptionally good quality, and realize good returns. Carnations have been moving fairly well at $3 for best grades, some going as low as $1.50 per hundred in job lots.

Callas and Harrisii are not plentiful, and there has been a good demand for them for funeral work; $1.50 per dozen is the ruling price. The demand for lily of the valley is good. Violets are scarce. Green goods are plentiful, with the exception of Asparagus plumosus.

Various Notes.

The meeting of the Cincinnati Florists' Society was held on Saturday, January 8, at the club rooms, with a good number present. Much routine business was transacted and, owing to the absence of the committee on by-laws, it was decided to hold a special meeting soon.

J. A. Peterson showed a specimen of his new begonia, Gloire de Cincinnati, at the club meeting, and everyone present acknowledged it far superior to its parent, Lorraine.

The newly organized bowling club will meet on Monday, January 17.

Herbert Greensmith was appointed superintendent of parks by the park commissioners, and will take charge February 1. We are glad that the commission saw fit to appoint a man of merit, regardless of politics. Mr. Greensmith is well informed in horticulture, and will fill the position creditably.

Ernst Mack, of Price Hill, has been especially successful with Lilium giganteum this winter, and he says it has been the best paying stock on the place. He always finds a ready sale for it.

H. SCHWARZ.

GLADIOLUS INDEPENDENCE

This is without exception the best light red Gladiolus in the market. Fine bright foliage; stem always straight; spike perfect with good number of flowers open at once. Flower of great substance, shipping ell, of good size, well opened, color bright cherry, fine by artificial light.

All sizes and cormels. Write for prices.

GEO. S. WOODRUFF, Independence, Ia.

Mention The Review when you write.

NEW

CARNATIONS

The two prize-winning introductions of the Cottage Gardens

Mrs. C. W. Ward

Mrs C. W. Ward is a perfectly formed flower, with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

Awards

Society of American Florists, silver medal, Boston, 1906; the Craig cup for best seedling, Philadelphia, 1906; the Lawson bronze medal, Washington, 1908; the Horticultural Society of New York, silver medal, sweepstake prize for best 100 blooms, New York, 1909; The Horticultural Society of New York, diploma for best new variety, New York, 1909.

Price, Rooted Cuttings—$2.00 per 12; $12.00 per 100; $100.00 per 1000; 25 at the 100 rate; 250 at the 1000 rate.

Alma Ward

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

Alma Ward is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter on strong, erect stems, 36 to 42 inches in length.

Awards

The Lawson silver medal, Toronto, 1907 (no gold medal having been awarded); the Lawson gold medal, Washington, 1908; The Society of American Florists, silver medal, Washington, 1908.

Price, Rooted Cuttings—$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

Delivery Feb. 1. January cuttings all sold.

These varieties bring from $2.00 to $4.00 per 100 more than any other Carnation sold in the New York market.

Cottage Gardens Co., Inc.

Queens, Long Island, N. Y.

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STOCK FOR FLORISTS

ROSES for Forcing—Hybrid Perpetuals and Ramblers, all the best ones; fine, strong stock. **CLEMATIS, AMPELOPSIS, TREE HYDRANGEAS and LILACS, SHRUBS, VINES and PERENNIALS.** Write for prices.

JACKSON & PERKINS CO., Newark, Near Rochester, **New York**

Nurserymen and Florists—Wholesale Only. Use printed stationery.

Mention The Review when you write.

Carnation Bay State

$3.00 per 100

¶ Having bought a large stock of this new variegated Carnation last year, we can offer first-class rooted cuttings of this variety at $3.00 per 100.

¶ Also rooted cuttings of **Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winona and Winsor** at $3.00 per 100; unrooted cuttings, $2.00 per 100.

¶ Reduced prices made on large orders. Send orders as early as possible.

Shepard's Garden Carnation Co., 292 Fairmount St., **Lowell, Mass.**

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CARNATIONS

Rooted Cuttings

Mrs. C. W. Ward
$12.00 per 100; $100.00 per 1000.

Alma Ward
$15.00 per 100; $125.00 per 1000.

Mrs. J. C. Vaughan, Bay State, Georgia and O. P. Bassett
$6.00 per 100; $50.00 per 1000.

White Enchantress, Beacon, Robert Craig, Afterglow, Enchantress, Rose-pink Enchantress and Harlowarden
$3.50 per 100; $30.00 per 1000.

New crop early flowering single Chrysanthemum seed and Gold Medal Pentstemons
at 25c and $1.00 per package.

Charles H. Totty
Madison, N. J.

Place Your Order Now
Rooted Carnation Cuttings

White Perfection, $3 50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and **Viola Sinclair,** $3.00 per 100.

Lawson, Fair Maid and **Maceo,** $2.00 per 100.

1000 rate on application.

Littlefield & Wyman
North Abington, Mass.

YOU Will find all the best offers all the time in the Review's Classified Advs.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Grafted and Own Root Roses

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120.00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid,			
Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

Carnations We are now booking orders for Carnations. Pink Delight and May Day are our leaders in new varieties. Winsor, Beacon, White Enchantress and White Perfection in quantity.

Chrysanthemums The best of the new ones and the best of the standards. Commercial varieties exclusively. We are booking orders for both rooted cuttings and plants from pots for February and March delivery.

Our Catalogue Contains the Carnation and Chrysanthemum lists. It includes our Rose list and the bedding stock. You need our catalogue. If you haven't received one, send for it. We can handle your order whether it is large or small.

Mention The Review when you write

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.
RICHMOND, INDIANA

Mention The Review when you write.

CARNATION DOROTHY GORDON

You are looking for the variety that will show the most profit, plus the greatest satisfaction to your customers.

Very well, this Carnation will do both. Dorothy Gordon is vigorous and disease-free, with flowers of uniform color—a shade darker than Pink Enchantress.

It produces at least a third more carnations than does Enchantress, and much larger—average flowers of Dorothy Gordon measure 3 inches or more in diameter. It has a stiff stem and is a long keeper.

It has regularly brought us double the profits of the leading commercial sorts—Enchantress, for instance. Let us illustrate:

Enchantress sells at wholesale in the Philadelphia markets at $6.00 per 100; Dorothy Gordon has REGULARLY brought us $9.00 per 100. In addition, Dorothy Gordon produces easily one-third more flowers, or an additional $3.00—giving a return of $12.00 from the same greenhouse space that would be required to grow $6.00 worth of Enchantress.

We are selling strong, rooted cuttings at $10.00 per 100, or $75.00 per 1000.

We are ready to demonstrate to you that you can grow Dorothy Gordon with greater profit than any other commercial carnation. We invite you to come to Wyncote and see it growing in our houses; if you cannot do this, write for full particulars—we'll furnish some carnation facts that will interest you.

JOSEPH HEACOCK CO., Disseminators, Wyncote, Pa.

Mention The Review when you write.

COLUMBUS, OHIO.

The Market.

Business since the holidays has been heavy, especially in funeral work. There have been several funerals lately that called for quantities of flowers, both designs and sprays. Roses are of fine quality, but they are cleaned up from day to day and there has been no surplus up to this time. Carnations are fine and coming in quantities, but the demand for them is heavy and they are cleaned up right along. Enchantress seems to be more in evidence than any other variety and they are doing fine. Most of the growers can grow this variety a little more successfully than some of the others. Victory and White Perfection are doing excellently. Beacon, while not grown in quantities, is showing up in good form. The stems are longer than last year and much heavier, and it promises well to be grown in quantities next season.

Violets are in good demand and there is seldom any surplus. Paper Whites are coming in large quantities and the demand for them is heavy. Valley moves nicely at this time, as there has been quite a number of weddings. Pot plants have been selling well since the holidays and cylamen, azaleas and ferns seem to be the leaders.

Various Notes.

The Florists' Club is figuring on giving a masquerade ball about Valentine's day and no doubt there will be some seedy looking florists in evidence that night. The club held a meeting Tuesday night, January 11, and the reports of the dances have been satisfactory to the club.

G. Drobisch reports business as being good, with quite a lot of funeral work.

The Franklin Park Floral Co. says business is satisfactory.

Will Graff reports a heavy business.

The Munk Floral Co. says stock goes out just as fast as cut and there is no surplus of anything.

J. R. Hellenthal reports a satisfactory business during the holidays and trade good since then. J. M.

RAYMOND, N. H.—Irvin Folsom says a ten days' blockade with snow made business decidedly dull while it lasted.

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery

Katalog for the asking.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. PHILADELPHIA

Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why you should grow Sangamo: 1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd.—The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th—The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a setback. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market. Winner of first prize wherever shown. Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

Chicago Carnation Co., A. T. PYFER, Mgr. **Joliet, Ill.**

Mention The Review when you write.

Mary Tolman

WINNER OF FIRST PRIZE AT MILWAUKEE

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. January delivery, $12.00 per 100; $100.00 per 1000.

A. E. HUNT & CO., Evanston, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

HUNT BROS., Park Ridge, Ill.

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CHAS. D. BALL
GROWER OF
PALMS, ETC.
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

Always mention the Florists' Review when writing advertisers.

Wholesale Trade List

Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Clematis paniculata, strong plants from open ground, $10.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $3.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.
Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

DECORATIVE PLANTS

	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15 00
5-in. " "	25 00
7-in. " "	60.00
2½-in. **Whitmani Ferns**	5.00
2-in. **Asparagus Plumosus Nanus**	8.00
4-in. " " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. " "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

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Strong, healthy plants, 2½-in. pots, $3.00 per 100; $25.00 per 1000

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Headquarters for Azalea Indica for Easter

Well budded and round as an apple

In Easter varieties, in larger sizes, we have Bernard Andre alba (white), Niobe (white), Helene Thelemann (rose), Empress of India, Apollo (red), De Schryveriana (double variegated), Dr. Moore (pink), Mme. Van der Cruyssen, Louise Van Houtte (double large red), Simon Mardner, Vervaeneana, $1.25, $1.50, $2.00 to $2 50 each. In smaller sizes we have Simon Mardner, Van der Cruyssen, Niobe, Empress of India, Deutsche Perle, Vervaeneana, De Schryveriana, 50c, 75c, $1.00 to $1.25.

Plants for Balls, Parties, etc.

Azalea Indica, in fine shape, in bud or bloom. Mme. Petrick, pink; Simon Mardner, pink; Deutsche Perle, white; Vervaeneana and Apollo, red; 75c, $1.00, $1.25 and $1.50.
Kentia Forsteriana, 35, 40 to 50-in. high, $1.50, $2.00, $2.50 and $3.00 each; 4-in., 20c.
Kentia Belmoreana, 4-in., 25c; 3-in., 10c.
Cocos Weddelliana, 3-in., 15c.
Latania Borbonica, 4-in., 20c.

Now is the time to force **Hydrangea Otaksa** for Easter. Remember only such as we offer pot-grown will force successfully for Easter, 6-in. pots, well branched, 25c, 35c and 50c.

Easter Lilies, well started, 6-in. pots, raised from 9 to 10 bulbs, Multiflorum, Formosum and Giganteum, 25c and 35c.

Cineraria Hybrida, Aschmann's well-known strain, 6-in. pots, in bud or without bud, 25c and 35c.
Areca Lutescens, made-up, 5¼-in., 35c.
Asparagus Plumosus, 2½-in., 8c; 3-in., big, 6c; 4-in., 10c.
Asparagus Sprengeri, 3-in., 5c; 4-in., 10c.
Begonia Flambeau, 4-in., 15c.
Begonias, new improved Erfordii and Gracilis, in bloom, 5¼-in., 25c.
Ferns, Todeaoides, 5½, 6 and 7-in., 35c, 40c, 50c, 60c, 75c and $1.00. Dish Ferns, 2½-in., 4c.
Ferns, Wimsetti and **Victoriae** (silver leaf fern), 6-in. pans, 3 plants in a pan, very attractive, 30c per pan.

Cash with order, please. Please state if in or out of pots.
All plants must travel at purchaser's risk.

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Verbenas :: Verbenas :: Verbenas

The Season is now Open

OUR SELECTION

Rooted cuttings	$0.75	per 100;	$ 6.00 per 1000
Strong plants in 2½-in. pots	2.50	"	20.00 "

PURCHASER'S SELECTION

Mrs. Wm. Taft, Miss Wilmott, rooted cuttings	$1.00	per 100;	$ 9.00 per 1000
Rooted cuttings	.90	"	8.00 "
Strong plants in 2½-in. pots	3.00	"	25 00 "
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00	"	30.00 "

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

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Cattleyas, Vandas, Oncidiums, Dendrobiums, Odontoglossums, Miltonias, Laelias, Phalaenopsis, Etc.

Commercial varieties in any **quantity.** Advance orders insure good plants and prompt delivery. Prices and standard have no equal.

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Orchids! Orchids!

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SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

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ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

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FLORISTS' REVIEW
WHEN WRITING ADVERTISERS

NEW ORLEANS.

The Market.

We have had, these last few days, weather cold enough to kill the tender plants in our gardens, and from that we can anticipate a good demand for plants when the season opens. It was not so low as many florists wished, but the worst has not come yet. The month of February is usually the coldest month in New Orleans. Cut flowers are much in demand, outside stock having disappeared altogether.

Various Notes.

At the Metairie Ridge Nurseries everything looks well. H. Papworth, the manager, has a gang of men digging up a large lot of nursery stock to be planted towards the lake shore for the Land Improving Company. He also has other big jobs outside of town which will keep them quite busy for a long time. The outdoor plants have been a little bruised by the late cold spell, but no great damage has been done so far. The greenhouse roses look better than ever. They are cutting enough buds to supply their own trade. The W. R. Smith rose is coming to the front as one of the best. American Beauty, My Maryland and other varieties occupy many benches. In the line of new varieties he expects much of Chateau Clos Vougeot, an extra double red rose of French origin. One which is also superior to many, adapting itself to any kind of soil and a good outside grower, producing quality and quantity of flowers, is R. B. Cant. It could be called a double Papa Gontier; it is of English origin. Looking all the time for something new, Mr. Papworth has been importing from France a lot of shrubs grown in the southern part of France. As the climate of southern Louisiana is about the same as in the southern part of France, some good acquisitions will certainly be obtained. The acacia family is largely represented. Cucumbers have succeeded the chrysanthemums in some of the houses and they look fine. In the line of chrysanthemums he will propagate Elsie Papworth, a newly introduced sort. He is the only grower having the right to distribute it on this side of the Dixie line. It will be a great improvement over Mrs. Robinson, opening better. The place is certainly improving all the time. The city waterworks has been installed from a long distance, but Mr. Papworth thinks it will be a paying investment, having better water and more pressure.

M. M. L.

COLUMBUS, IND.—This is one of the cities that has a florist mayor, Charles S. Barnaby.

FERNS

				Per 100
Boston,	strong,	6-in.,	stock,	$40.00 to $ 50.00
Scottii,	"	"	"	40.00 to 50.00
Piersoni,	"	"	"	40.00 to 50.00
Whitmani,	"	"	"	40.00 to 50.00
Todeaoides,	"	"	"	40.00 to 50.00
Superbissima,	strong,	6-in.,	stock,	100.00
"	"	4-in.,	stock,	40.00
Strong, 4-in. stock of above varieties,				20.00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

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GERANIUMS

Our New Illustrated Descriptive Catalogue will be ready for distribution Jan. 15; it will be the handsomest and most complete Geranium Catalogue ever issued and is free to the trade. We are revising our mailing list and would suggest that, if you are interested, you send us your name on a postal card.

We claim to have the largest and most complete collection in the country, and an immense stock for immediate shipment, from 2-in. pots, of good standard sorts, at $2.00 per 100, $18.50 per 1000, and up to 50c each for new varieties.

We have a splendid stock in 2-in. pots, of the following, at $2.00 per 100:

Double Lobelia Kathleen Mallard; Alyssum, Giant and Dwarf; Lemon Verbenas; Fuchsias, 6 varieties; Coleus, Verschaffeltii and Golden Bedder; Lantanas, 8 varieties; Ivy-leaved Geraniums, 6 varieties; Scented Geraniums.

Double Petunias, mixed colors, $3.00 per 100.

Canna roots, home-grown. 1,000,000 good strong divisions, $18.50 per 1000. King Humbert, $6.00 per 100; $50.00 per 1000.

Dahlia roots, whole field clumps, $5.00 per 100 and up.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

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Nephrolepis Elegantissima Compacta

Another New Fern Originating with us **Introduced fall 1909**

Of all the valuable introductions in ferns that we have sent out, beginning with the Pierson (Nephrolepis Piersoni), we consider the **Elegantissima compacta** the most valuable of all, particularly from a commercial standpoint.

While this resembles Elegantissima in a general way, it is far superior to that variety, on account of its perfect habit. Yet it can hardly be compared with Elegantissima in a general way, because it occupies a place by itself and is as distinct from Elegantissima as that variety is from Piersoni—in fact, it bears the same relation to Elegantissima that Scottii does to Bostoniensis. **Elegantissima compacta** has an ideal habit. The fronds are considerably shorter than those of Elegantissima, and it is a more compact plant. It throws a great many more crowns naturally, making a very bushy, dwarf, compact plant. The difference between the two varieties may be seen at a glance.

Fine, strong plants, 2¼-in. pots, **$5.00** per doz., **$35.00** per 100; 4-in. pots, **$7.50** per doz., **$50.00** per 100; 6-in. pans, **$1.50** each; 8-in. pans, **$3.00** each.

We make a specialty of all kinds of **Nephrolepis,** carrying a large stock of all sizes at all times—Piersoni, Elegantissima, Superbissima, Bostoniensis, Scottii, Whitmani, Amerpohlii, etc.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

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Craig's Specialties

Cyclamen	25c, 50c, 75c, $1.00, $1.25 each
Begonia Lorraine	15c, 35c, 50c, 75c, $1.25 each
Azaleas—Apollo and Firefly	75c, $1.00, $1.25, $1.50 each
Nephrolepis Scottii	$6.00, $9.00, $12.00, $18.00, $24.00 doz.
" **Todeaoides**	$6.00, $9.00, $30.00 doz.
Oranges	40c, 75c, $1.00, $1.25, $1.50, $2.00 each
Ficus Pandurata	$2.00, $3.00, $4.00 each
Dracaena Massangeana	$1 50 and $2.00 each

All of the above of first quality

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Geraniums, S. A. Nutt, $1.25 per 100; $10.00 per 1000.
Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
S. A. Nutt, 2-in. pots, $2.00 per 100; 3-in. pots, $3.50 per 100.
Ready Jan. 15:—Ivy Geraniums, 21 vars., $1.50 per 100; $12.50 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Cuphea (Cigar Plant), 90c per 100; $8.00 per 1000.
Double Petunias, 13 vars., 90c per 100; $8.00 per 1000.
Dreer's fancies and all the other good ones.
Russellias, 70c per 100; $6.50 per 1000.
Swainsona, 70c per 100; $7.00 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
German Ivy, 50c per 100; $5.00 per 1000.
English Ivy, 4-in., $10.00 per 100.
Dracaena indivisa, 5-in., $30.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

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PLANTS

Now in Bloom

Azaleas, $1 00, $1.25 and $1.50.
Lilies, 12½c per bud.
Primroses, 3-in., $7.50; 4-in., $12.50.
Cyclamen, 2½-in., $5.00; 3-in., $7.50; 4-in., $15.00; 5-in., $25.00.

Order Now for Easter

Azaleas, $1.00, $1.25, $1 50.
Lilies, 12½c per bud and flower.
Hydrangeas—These prices for January shipment:

		Each
4-in.,	2 to 4 average heads	$0.25
5-in.,	6 to 8 " "	.50
6-in.,	8 to 10 " "	.75
8-in.,	10 to 12 " "	1.25
9-in.,	10 to 15 " "	1.50
10-in.,	10 to 20 " "	2.00

Roses

Baby Ramblers, 3-in., $15.00; 5-in., $50.00; 6-in., $75.00.
White Ramblers, 5-in., $50.00; 6-in., $75.00.
Souperts, 5-in., $50.00; 6-in., $75.00.
Hermosa, 4-in., $17.50; 5-in., $50.00; 6-in., $75.00.
Assorted, 6-in. stock, at 75c to $1.00.

Spiraeas, 35c, 50c and 75c.
Cinerarias, 3-in., 10c; 4-in., 15c; 5-in., 25c.

Geo. A. Kuhl

Wholesale Grower **Pekin, Ill.**

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JUST TO HAND

Cattleya Trianae
Cattleya Gigas
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Others to Follow

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Palms and Other Seasonable Stock

We have an extra good stock of Forsteriana, made-up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values.
7-in. pots, 3 plants in a pot, 40 to 44 inches high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each.
Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each.
Full line of sizes of both Forsteriana and Belmoreana in Price List No. 5, just out. Send for it if you did not receive it.

Genista Racemosa—5-in. pot plants, bushy, $3 50 per doz.; $25.00 per 100.
Rhododendrons—18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Azalea Mollis—12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.
Bougainvillea Glabra Sanderiana—5-in., well shaped, bushy plants, $3.00 per doz.
Asparagus Sprengeri—2 in., $2.50 per 100; $20 00 per 1000.
Boxwood—Fine bush plants, 12 in. high, $3.00 per doz.; $20.00 per 100.
Fuchsias—Assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000; Little Beauty, $4.00 per 100, $35.00 per 1000.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

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FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1 25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00, $8.00, $9.00, $10 00, $12.00, $15 00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c; 6-in., 75c.
Chinese Primroses, 5-in., 18c.

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All my plants are in fine condition.

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43 Ravine St., N. S., PITTSBURG, PA.

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Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Begonias,** $1.50 per 100. **Daisies,** white and yellow, $1.00 per 100. Express paid.

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	Per Doz.
Oranges	$24.00 to $48 00
Ardesias	12.00 to 36.00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	3.00
Cyclamen	5.00 to 36.00
Azaleas	6.00 to 36.00
Poinsettias	3.00 to 15.00
Ericas	18 00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston

Thomas Roland

NAHANT, MASS.

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Assorted varieties, 2¼-in. pots. $3.50 per 100; $30.00 per 1000.

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Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
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Agapanthus, sturdy field plants, 25c each, $2.00 per dozen, $12.00 100; smaller plants, 5c. Wild Plant Improvement Gardens, Santa Ana, Cal.

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Ageratums, fine purple, rooted cuttings, 50c per 100, $4.00 per 1000; 3-in., 3c each. Cash.
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Alternantheras. Strong, well rooted cuttings, the kind that will please you. P. major, red, 50c per 100; $4.00 per 1000. A. nana, yellow, 50c per 100; $4.00 per 1000. Brilliantissima, best red, 60c per 100; $5.00 per 1000.
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Alternantheras, red and yellow, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
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Alternantheras, small, yellow. Rooted cuttings, 50c per 100; 2¼-in., 2c.
Mosbæk Greenhouse Co., Onarga, Ill.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

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Alyssum, best for florists, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
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Ampelopsis Veitchii, fine, well rooted, one year plants, 18 to 24 in. 50 plants by mail $2.00; 100 by express, $3.00; 1000, $25.00. Well graded and well packed plants in cellar.
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Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100.
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ASPARAGUS.

Asparagus plumosus, 2-in., $2.00 per 100, $18.00 per 1000; 2½-in., $3.00 per 100, $27.50 per 1000. Sprengeri, 2¼-in., $1.75 per 100, $15.00 per 1000; 3-in., $4.00 per 100, $35.00 per 1000. Cash, please. Also see our advs. under ferns and vincas.
Reeser & Youngstrand, Springfield, Ohio.

Asparagus plumosus, 2½-in., $2.50 per 100; Sprengeri seedlings, 1c, $9.00 per 1000; Sprengeri, 2½-in., 2½c; 3-in., 5c; 4-in., 10c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus Sprengeri, 3-in., were ready for 4 and 5-in. two months ago, a bargain at $4.50 per 100; $40.00 per 1000. Cash.
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Asparagus plumosus, fine, young stock, ready Jan. 1 to Aug. 1, $2.50 per 100. 40,000 of them. Samples on request.
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Asparagus Sprengeri, strong plants, 2, 3 and 4-in., plumosus nanus, strong 4 and 5-in. Good stock; low prices.
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Asparagus plumosus nanus, 3-in., 75c per doz., $5.00 per 100, $45.00 per 1000; 500 at 1000 rate.
Geo. Wittbold Co., Edgebrook, Chicago, Ill.

Asparagus plumosus, 2¼-in., $3.50 per 100. Sprengeri, 2¼-in., $2.50 per 100; 3-in., 5c; 4-in., 10c. Mosbæk Greenhouse Co., Onarga, Ill.

Exceptionally strong Asparagus plumosus, 2¼-in. pots, $2.50; 3-in., $5.00; 4-in., $10.00 per 100. Williams Floral Co., Bedford, Ind.

200 Asparagus plumosus, strong 3½-in., $5.00 per 100; 500 Sprengeri, 2½-in., $2.50 per 100.
Cowan's Greenhouses, Oxford, Pa.

Asparagus plumosus and Spregeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
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Asparagus plumosus, 4-in., ready to shift, $7.00 per 100; $12.00 for 200.
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Asparagus Sprengeri, 2-in., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, Ohio.

Asparagus Sprengeri seedlings, $1.00 per 100; $7.50 per 1000.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 2¼-in., strong, $2.50 per 100.
C. Winterich, Cyclamen Specialist, Defiance, O.

Asparagus plumosus nanus, 4-in., extra fine, large plants, $8.00 per 100.
Scharff Bros., Van Wert, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 3-in., strong, $4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, strong, 4-in., $10.00 per 100. Cash. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri, strong 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus plumosus nanus, 3-in., $4.00 per 100. Loyd C. Bunch, Fredonia, Kan.

Asparagus Sprengeri, 3-in. pots, $3.00 per 100. D. R. Herron, Olean, N. Y.

A. Sprengeri, 2½-in., 2½c; 2½-in. rose pots, 3c. M. M. Lathrop, Cortland, N. Y.

Asparagus Sprengeri, 2-inch, $1.75 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

AZALEAS.

Azalea mollis, 12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Azaleas, Vervaeneana and Van der Cruyssen, 12 to 14 in., $1.00 each, $9.00 per doz.; 6 at doz. rate.
Geo. Wittbold Co., Edgebrook, Chicago, Ill.

BEGONIAS.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Rex begonias, 2-in., $3.00 100, $30.00 1000; rubra, large plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Otto Hacker, best flowering begonia, strong 2½-in., 4c. C. Nye, Alexandria, Ind.

Flowering, begonias, 8 kinds, R. C., $1.25 per 100. Byer Bros., Chambersburg, Pa.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BERRIED PLANTS.

Jerusalem cherries, very fine stock, full of red berries, from 6-in. pots, $4.00 per doz. Cash, please. Critchell's, Avondale, Cincinnati, Ohio.

BOUGAINVILLEAS.

Bougainvillea glabra Sanderiana, 5-in., well shaped, bushy plants, $3.00 per doz.
Storrs & Harrison Co., Painesville, Ohio.

BOX.

Giant var., 4-in., 8c; mail or exp., prepaid.
Gem Nursery, Los Gatos, Cal.

BOXWOOD.

Boxwood, fine bush plants, 12 in. high, $3.00 per doz., $20.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

BULBS.

The true everblooming Mexican tuberose, of which every Southern florist should plant a few, at $4.00 per 1000. Crinum fimbriatulum, the summer blooming lily, $10.00 per 100. Cash with order, please.
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DWARF PEARL TUBEROSE BULBS
CALADIUM ESCULENTUM.
For immediate delivery.
Write for prices.
Z. J. CARTER & SON, WALLACE, N. C.

Bulbs. Special wholesale price list of native lilums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

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Giant var., outdoor grown, by mail, 1½c.
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CANNAS.

Will exchange Cinnabar, Papa Nardy, Pres. Viger, Louisiana, Paul Marquant, Mlle. Berat cannas for Black Beauty, Chas. Henderson, Duke of Marlborough, Cherokee, Niagara, St. Louis, Pres. McKinley, Pres. Cleveland, or Pres. Meyer cannas.
Wagner Park Conservatories, Sidney, Ohio.

Austria, Italia, Chas. Henderson, Pennsylvania, $1.30; Flor. Vaughan, Black Beauty and Chautauqua, $1.80. Strong, 2 to 5 eyes. Cash with order. Valdesian Nurseries, Bostic, N. C.

Canna roots. Souvenir de A. Crozy, Egandale, Queen Charlotte, A. Bouvier, $2.00 per 100; $18.00 per 1000. Cash, please.
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Plump, healthy canna roots, $1.50 per 100; wintered in unheated earth pits. C. Henderson, Marlborough, Buttercup, etc.
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500,000 CANNAS, 100 leading kinds, home-grown, $8.00 per 1000 and more. Price list free.
Shellroad Greenhouses, Grange, Balto., Md.

75,000 cannas, home-grown, true to name, $8.00 to $50.00 per 1000. Send for price list.
W. W. Coles, Kokomo, Ind.

Something new, "Bronzo," finest for foliage, $10.00 100. Cash. T. E. Hallbeck, W. Salem, Ill.

Cannas, very extra list, big stock. Send list. C. Betscher, Canal Dover, Ohio.

Cannas, a large asortment. Write for prices.
Mosbæk Greenhouse Co., Onarga, Ill.

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STRONG, HEALTHY, WELL ROOTED CARNATION CUTTINGS.
Alma Ward, $15.00 100; $120.00 1000. Admiration, Mrs. C. W. Ward, Shasta, Sangamo, Mary Tolman, Conquest, $12.00 100; $100.00 1000. Dorothy Gordon, $10.00 100; $75.00 1000. Niagara, Wanoka, Ruby, May Day, Georgia, Mrs. J. C. Vaughan, O. P. Bassett, Bay State, Apple Blossom, Gov. Deneen, $6.00 100; $50.00 1000. White Perfection, White Enchantress, Winsor, Beacon, Afterglow, Winona, Snowflake, $3.00 100; $25.00 1000. Lloyd, Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, $2.50 100; $20.00 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

CARNATION CUTTINGS.

Strong, clean and well rooted.

Standard varieties.	100.	1000.
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
Winsor	3.00	25.00
Winona	3.00	25.00
Afterglow	3.00	25.00
Lawson	3.00	25.00
Melody	3.00	25.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Queen Louise	2.50	20.00
Beacon	3.00	25.00
Victory	3.00	25.00
Variegated Lawson	3.00	25.00
M. A. Patten	2.50	20.00
New varieties.	100.	1000.
Alma Ward	$15.00	$120.00
Mrs. C. W. Ward	12.00	100.00
Sangamo	12.00	100.00
Dorothy Gordon	10.00	75.00
Pink Delight	6.00	50.00
Apple Blossom	6.00	50.00
May Day	6.00	50.00
Georgia	6.00	50.00
Mrs. J. C. Vaughan	6.00	50.00

S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION CUTTINGS.

Strong, well rooted, healthy stock.

Enchantress	$15.00 per 1000
Rose-pink Enchantress	15.00 per 1000
White Enchantress	25.00 per 1000
Lawson Enchantress	20.00 per 1000
O. P. Bassett	45.00 per 1000
Lucille	75.00 per 1000
Beacon	25.00 per 1000
Mrs. Charles Knopf	45.00 per 1000
Victory	20.00 per 1000
Winsor	15.00 per 1000
Winona	25.00 per 1000
Afterglow	25.00 per 1000
Variegated Lawson	12.00 per 1000
Pink Lawson	10.00 per 1000
Queen	10.00 per 1000
Sarah Hill	20.00 per 1000
White Perfection	25.00 per 1000
Harlowarden	15.00 per 1000
Ruby	45.00 per 1000

Cash or C. O. D.
SOL. GARLAND, DES PLAINES, ILL.

ROOTED CARNATION CUTTINGS.

	100	1000
Georgia	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	6.00	50.00
Winona	3.00	25.00
Winsor	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
Afterglow	2.50	20.00
O. P. Bassett	6.00	50.00
Beacon	3.00	25.00
Victory	3.00	25.00

And all the standard varieties.
THE LEO NIESSEN CO.
1209 Arch St., Philadelphia, Pa.

STRONG, HEALTHY, WELL ROOTED CUTTINGS. NOW READY.

	100.	1000.
Georgia, best white	$6.00	$50.00
Harvard, crimson	4.00	35.00
Faust, Christmas scarlet	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	3.00	25.00
Winsor	2.50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00
Bay State	6.00	50.00
Victoria	4.00	35.00

REMEMBER WE GUARANTEE SATISFACTION.
James D. Cockcroft, Northport, L. I., N. Y.

CARNATION ROOTED CUTTINGS.

	100.	1000.
Mrs. C. W. Ward	$12.00	$100.00
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.50	30.00
Beacon	3.50	30.00
Robert Craig	3.50	30.00
Afterglow	3.50	30.00
Enchantress	3.50	30.00
Rose-pink Enchantress	3.50	30.00
Harlowarden	3.50	30.00

Chas. H. Totty, Madison, N. J.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Prosperity, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (pink Prosperity, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

Clean, well rooted carnation cuttings, from plants of perfect health. Lawson-Enchantress, $2.00 per 100; $25.00 per 1000. Enchantress, Rose-pink Enchantress, Aristocrat and Afterglow, $2.50 per 100; $20.00 per 1000. Cash with order or satisfactory reference.
Henry Baer, R. F. D. 3, Peoria, Ill.

SELECT, WELL ROOTED STOCK.

	100.	1000.
White Enchantress, Beacon	$3.50	$30.00
Rose-pink, W. Perfection	2.50	25.00
Enchantress, Winsor	2.00	20.00
White Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

Good stuff, more than worth the money.
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Carnations, strong, healthy rooted cuttings, ready now.

Lawson-Enchantress	Enchantress
White Enchantress	Lady Bountiful
R. P. Enchantress	White Perfection

$2.50 per 100; $20.00 per 1000.
O. P. Bassett, $6.00 per 100; $50.00 per 1000.
KRUEGER BROS., TOLEDO, OHIO.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

Wanted unrooted or rooted White Enchantress and White Perfection for President Taft, new red, and Improved Queen, white, very prolific and long stemmed; or will buy if cheap.
Brant & Noe Floral Co.,
W. Peterson and N. 48th Aves., Chicago, Ill.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Carnations for immediate delivery. May Day, $6.00 100, $50.00 1000; Lawson and Victory, $2.00 100, $15.00 1000; Enchantress, W. Enchantress and W. Perfection, $2.50 100, $20.00 1000.
W. Frank & Sons, Portland, Ind.

Carnations. White Perfection, Mrs. J. C. Vaughan, Alvina, Pink Delight, Afterglow, Lawson-Enchantress, Winsor, Lawson and O. P. Bassett. Write for prices.
Albert M. Herr, Lancaster, Pa.

Well rooted Lawson cuttings, $1.50 per 100. I have 500 well rooted Beacon cuttings which I will exchange for 500 well rooted Winsor.
C. W. Curtis, Summerville Blvd., Irondequoit, New York.

Rooted carnation cuttings of Enchantress, Winsor, Lawson, White Lawson, W. Enchantress and White Perfection, $3.00 per 100; $25.00 per 1000. Now ready for delivery.
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Carnations. Clean, healthy cuttings of Lawson-Enchantress, unrooted; $2.00 per 100; rooted, $3.00 per 100. Will exchange for Winona, May Day or Pink Delight unrooted cuttings.
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Carnation rooted cuttings. Beacon, Enchantress, Victory and Bountiful, $20.00 per 1000.
Wm. Murphy, 311 Main St., Cincinnati, O.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, immediate delivery.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations. Queen and Boston Market, rooted cuttings, $2.00 per 100; $18.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

500 Boston Market carnation cuttings, from flats, $1.00 per 100.
Cowan's Greenhouses, Oxford, Pa.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
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CHRYSANTHEMUM STOCK PLANTS. LAST CALL. Golden Glow, Pacific Supreme, White Cloud, October Frost, Polly Rose, Early Snow, Ivory, Byron, White Bonnaffon, Timothy Eaton, Nonin, Merry Xmas, Duckham, Dr. Enguehard, Monrovia, Geo. Pitcher, Bonnaffon, Yellow Baby, etc., 3c; $2.50 per 100. Poehlmann, 5c. Gloria, 10c; $8.00 per 100. Baby Margaret, 20c; $1.75 per doz.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemum rooted cuttings, $1.00 per 100; $10.00 per 1000. Monrovia, Oct. Frost, Dr. Enguehard, Wm. Duckham, Cremo, Opah, Shaw, Jones, Minnie Bailey, Robinson, Maud Dean, G. Pacific, Estelle, Bonnaffon, White Bonnaffon, Black Hawk, Touset, Alice Byron and Nonin. Healthy stock, guaranteed.
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Strong rooted cuttings of mum stock plants, $1.00 per 100. Cash. V. Poehlmann, Eaton, Appleton, Touset, Monrovia, Yellow and White Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Chrysanthemum stock plants, best varieties, $2.00 per 100. Speak quick. Cash.
Chillicothe Floral Co., Chillicothe, O.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
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CHRYSANTHEMUM STOCK PLANTS.

Jeanne Nonin	Helen Frick
Golden Chadwick	White Jones
Y. Bonnaffon	Yellow Jones

60c per doz.; $4.50 per 100.
Woodland Park Floral Co.,
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Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
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Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready after Feb. 1. U. S. Express. W. C. Scovell, Malta, Ohio.

Chrysanthemums. Strong stock plants of J. Jones, Xmas, Alice Roosevelt, 3c; Bonnaffon, M. Dean, Nonin, G. Pacific, G. Glow, 4c.
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Chrysanthemums. 2000 very heavy, well rooted White Bonnaffon cuttings, from soil, $2.00 per 100; $18.00 per 1000.
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CINERARIAS.

Cinerarias, giant flowering dwarf, strong plants, 2½-in., $2.25 per 100. Cash.
FREEPORT FLORAL CO.,
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Cinerarias, large flowering dwarf, extra fine, 3-in., $3.50 per 100; 3½-in., $5.00 per 100. Cash.
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Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
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Cinerarias, large flowering, tall and dwarf, ready for 6-in. pots, $4.00 per 100.
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Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
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Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100.
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3,600 Clematis Mme. B. Veillard, at 8c each.
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COLEUS.

50,000 coleus, good clean stock. Well rooted cuttings, $4.00 per 1000; 60c per 100, by mail. Cash. 50,000 cuttings now in sand, 300,000 more coming on. Verschaffeltii, Golden Bedder, Queen Victoria and other varieties.
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Coleus rooted cuttings. Best bedding sorts, including Golden Bedder, Verschaffeltii, Firebrand, Nellie Grant, Butterfly and others, good stock, 60c per 100, $5.00 per 1000. Cash, please.
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Coleus, Verschaffeltii, Golden Bedder, and ten other varieties, 60c per 100; $5.00 per 1000. Cash.
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Coleus rooted cuttings. Beckwith Gem, Golden Bedder and 15 other good varieties, 60c per 100; $5.00 per 100. Cash.
P. N. Obertin, Kenosha, Wis.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

Coleus, 15 varieties, rooted cuttings, 75c per 100; 2¼-in., extra fine stock, $2.00 per 100.
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Coleus, best varieties, strong, rooted, for 3-in. pots, 50c 100; $4.50 1000.
Thompson & Sons, Station D, Milwaukee, Wis.

Coleus rooted cuttings, Golden Bedder and ten other sorts, 60c per 100.
S. M. Harbison, Danville, Ky.

Coleus rooted cuttings, 15 kinds, $5.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

Coleus Golden Bedder, 2½-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

Coleus, 10 kinds, R. C., 60c; $5.00 per 1000.
Byer Bros., Chambersburg, Pa.

CYCLAMEN.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

CYCLAMEN—Continued.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, well budded and grown plants, 4-in. pots, $15.00; from 5-in. pots, $20.00 per 100; August seedlings, twice transplanted from flats, fine stock, $3.00 per 100, $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, mixed colors, in bud, 3-in., $6.00; 4-in., $15.00. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cyclamen, from flats, finest selected vars., separate colors, $1.50 100, postpaid.
Wm. Eschrich & Co., North Milwaukee, Wis.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

Cyclamen, in bud, 4-in., $8.00 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cyclamen giganteum, mixed, 3-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen, fine stock, 35c each.
Mosbæk Greenhouse Co., Onarga, Ill.

DAHLIAS.

Dahlias. No more orders taken for field clumps. Have large quantities of divided roots for present or spring delivery, in fifty varieties, standard sorts, mostly proven cut flower varieties. W. A. Finger, Hicksville, L. I., N. Y.

SURPLUS DAHLIAS.
2,500 dahlias, in superb florists' mixture, or in separate colors, at a bargain if taken just as harvested from the field. Write for prices.
Barnes' Gardens, Spencer, Ind.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Dahlias, big stock, big clumps, best sorts. Send list. C. Betscher, Canal Dover, Ohio.

DAISIES.

Daisies. California and Queen Alexandra, strong rooted cuttings, $1.25 per 100, prepaid.
S. W. Pike, St. Charles, Ill.

New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

Marguerite daisies, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

DRACÆNAS

Dracaena indivisa. 1000 very fine plants, from 3½-in. pots, ready for a shift, will make fine vase plants by May, $8.00 per 100, or will sell lot for $50.00.
Wilfrid Wheeler, Concord, Mass.

Dracaena fragrans, 3-in., $2.00 per doz., $15.00 per 100; 4-in., $3.00 per doz., $20.00 per 100; 50 at 100 rate.
Geo. Wittbold Co., Edgebrook, Chicago, Ill.

Dracaena indivisa, 3-in., 5c; 4-in., 12c; fine field-grown stock, ready for 5 and 6-in. pots. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 3-in., 5c; 4-in., 12c; 5-in., 20c each. Mosbæk Greenhouse Co., Onarga, Ill.

FERNS.

FERNS FOR FERN DISHES, best stock, largest assortment; 2¼-in., $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.
ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.
Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!
Boston.

4-in.	$12.00	100	7-in.	$60.00	100
5-in.	30.00	100	8-in.	80.00	100
6-in.	40.00	100	9-in.	1.25	ea.

Whitmani.

5-in.	$30.00	100	7-in.	$60.00	100
6-in.	45.00	100	8-in.	80.00	100

R. R. DAVIS & CO., MORRISON, ILL.

Three large houses full of fine ferns. Boston, Whitmani and Scottii, 2½-in., $3.50 per 100, $35.00 per 1000; 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $115.00 per 1000. All of these ferns are ready for a shift and are exceptional values. Cash, please. Also see advs. under asparagus and vincas.
Reeser & Youngstrand, Springfield, Ohio.

Ferns. Whitmani, Elegantissima and Scottii, 3-in., 10c; 4-in., 15c each. A limited number of Piersoni, Elegantissima, Whitmani and Boston in larger sizes. Write if interested.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns. 2½-in. Boston, 3c; 3-in., 8c; 4-in., 15c; 5-in., 30c. 2½-in. Piersoni and Whitmani, 4c. 2½-in. Scottii, 5c; 3-in., 10c. 2½-in. Amerpohlii, 6c; 3-in., 12c. 3-in. Elegantissima, 10c; 4-in., 15c. Truitt's Greenhouses, Chanute, Kan.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St. N. S., Pittsburg, Pa.

Ferns. Boston, 2-in., 50c per doz., $3.00 per 100, $25.00 per 1000; 3-in., 75c per doz., $6.00 per 100, $50.00 per 1000; 500 at 1000 rate.
Geo. Wittbold Co., Edgebrook, Chicago, Ill.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in. pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Boston ferns, 2½, 3, 4 and 5-in.; also Amerpohlii, 3, 4 and 5-in. Fine stock; prices right.
Murray The Florist, Peoria, Ill.

20,000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

20,000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Boston and Whitmani ferns, extra fine, strong 2-in., $3.50 100. Cash.
F. C. Greene, Oil City, Pa.

Boston ferns, in bench since last May, strong plants, 50c each.
De Kalb Greenhouses, De Kalb, Ill.

Ferns. Surplus of 4 and 5-in., fine stock, prices right. Herms Floral Co., Portsmouth, O.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 1000. John A. Doyle, Springfield, Ohio.

Whitmani fern runners, from bench, 2c each.
The Anderson Floral Co., Anderson, S. C.

FEVERFEW.

Feverfew, double, rooted cuttings, 1c; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

FUCHSIAS.

Fuchsias, assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000; Little Beauty, $4.00 per 100, $35.00 per 1000.
The Storrs & Harrison Co., Painesville, Ohio.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, nice, large, bushy stock plants, 4-in., $8.00 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

GENISTAS.

Genista racemosa, 5-in. pot plants, bushy, $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Genistas, rooted cuttings, 2c; 5-in., 25c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

GERANIUMS.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted. $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelty, Red Wing, 25c each, $2.50 per doz. Write for geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Rose geraniums, 2-in. pots, $2.50 per 100. Pelargoniums, 2-in. pots, in 20 of the best varieties, $4.00 per 100. Geranium Mme. Salleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

Geraniums. Ricard, Nutt and Buchner, strong, cool grown plants, from 2-in. pots, $2.00 per 100; $20.00 per 1000. Ricard, 2½-in., $2.50 per 100; mixed, $18.00 per 1000.
J. R. Brooks, Oxford Depot, N. Y.

Geranium rooted cuttings. Nutt and La Favorite, $10.00 per 1000; Poitevine and Ricard, $12.50 per 1000; Poitevine alone, $15.00 per 1000. G. E. Fink, Roselle, N. J.

Geraniums. S. A. Nutt, 2¼-in., very strongly rooted, every plant a good one; cuttings taken from selected stock; $2.00 per 100; $18.50 per 1000. Cash with order. About 12,000 to sell now. If you want good 4-inch plants, in bloom for Memorial day, buy now.
H. M. Totman, Randolph, Vt.

Geranium rooted cuttings. All cuttings sold for January; orders booked for later delivery. Nutt and Buchner, $10.00 per 1000. Ricard, Poitevine, Jaulin, Montmort, $15.00 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Geraniums, strong healthy plants from 2½-in. ready for a shift, all from August cuttings. A. Ricard, Beaute Poitevine, Hill, J. Viaud, $2.50 per 100; $24.00 per 1000. Nutt and Grant, $2.00 per 100; $18.00 per 1000.
J. Ambacher, West End, N. J.

Geranium rooted cuttings, $1.75 per 100, $15.00 per 1000; 2¼-in., $3.00 per 100, $25.00 per 1000. 3-in. La Favorite, $5.00 per 100. Named varieties. 4 and 5-in., at special prices. Write if interested.
Mosbæk Greenhouse Co., Onarga, Ill.

Geraniums. Good, strong top cuttings, 2¼-in., of S. A. Nutt, Heteranthe and La Favorite, $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Geraniums. If you want good and true to name stock of all standard and new varieties, write now and don't delay until spring.
R. F. Gloede, Evanston, Ill.

Geraniums, strong 2¼-in. 500 E. G. Hill, 500 La Favorite, 1500 S. A. Nutt, 500 Ricard, 400 De Castellane and 600 mixed, mostly red.
Arthur Harbison, Harrodsburg, Ky.

Geraniums. Well rooted cuttings of Buchner, $10.00 per 1000; Poitevine, $12.50. Can deliver at once. Cash with order.
C. F. Treichler, Sanborn, N. Y.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Geraniums. S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geraniums. Ricard, Poitevine, Bruant, De Castellane, La Favorite, Nutt, 2¼-in., $2.25 per 100. S. M. Harbison, Danville, Ky.

S. A. Nutt geraniums, 2½-in., ready for shift, $2.25 per 100; $20.00 per 1000. Cash.
P. N. Obertin, Kenosha, Wis.

Geranium rooted cuttings, Dbl. Grant, Mme. Buchner, $1.25 100; $10.00 1000. Cash.
M. M. Lathrop, Cortland, N. Y.

Geraniums, S. A. Nutt, La Favorite, pink ivy, unrooted, extra fine stock, $7.00 per 1000.
Ross Bros., Falls Creek, Pa.

Geraniums all sold until Feb. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Mme. Salleroi geraniums, fine stock, $1.50 per 100, $12.00 per 1000; prepaid.
S. W. Pike, St. Charles, Ill.

Mme. Salleroi geraniums, rooted cuttings, $1.00 per 100; 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Geraniums, the cream of the bedders. See display adv. John Irvine & Sons, Bay City, Mich.

Poitevine, Nutt, Perkins, Favorite, Grant, fine 2½-in., 2c. Roney Bros., West Grove, Pa.

Strong 2½-in. geraniums. Write for prices and varieties. N. E. DeGolier, Loveland, Colo.

Geraniums, apple scented, 2½-in., $3.00 per 100. Alex. Maxwell, Springfield, Ohio.

R. C., mixed dble. red, white, pink, $1.00 100. Keeney's Greenhouses, Monongahela, Pa.

Geraniums. Nutt, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

GLADIOLI.

Gladioli (the same as ever). Good mixture of Groff's hybrids and Childsii, all sizes, from $1.25 to $6.00 per 1000. Also good forcing and all leading named varieties. Ask for our "SILENT SALESMAN." English and German correspondence solicited.
The W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli, 4200 fine, mixed bulbs, 1 to 2½-in., fine stock, including mixed Groff and other mixtures, $20.00. 1 bushel mixed bulblets, $5.00. Cash. Who wants them?
Johnson Floral Co., Kendallville, Ind.

Gladioli. Independence, the best red in the market; also Mrs. Frances King, Giant Pink, Augusta and Groff's hybrids, genuine stock. Write for prices.
Geo. S. Woodruff, Independence, Iowa.

100,000 gladioli; sizes, 2 and 3-in. Silver Trophy, Sec. 2, Groff's hybrids and mixed seedlings, cheap for cash. Smaller sizes and bulblets, cheap.
G. B. Babcock, Route 80, Jamestown, N. Y.

Gladioli, best sorts, extra mixtures, all sizes.
C. Betscher, Canal Dover, Ohio.

Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli, Groff's hybrids, mixed, 1½ to 2¼-in., $5.00 per 1000; 1 to 1½-in., $4.00 per 1000; ½ to 1-in., $3.00 per 1000; bulblets, $1.00 per peck. Ira H. Landis, Lancaster, Pa.

Gladioli, new forcing Pink Beauty, great bloomer, May character, only Pink throws several flowering spikes, $2.50 100; $20.00 1000. Cash.
F. H. Stevens, Grower, Saginaw W. S., Mich.

Gladioli. Planting stock of Mrs. Francis King and other choice sorts. Cheap for cash.
P. O. Coblentz, New Madison, Ohio.

Augusta, ⅛ to ⅝-in., $2.00 1000; ⅓-in., $1.00 1000. C. H. Ketcham, N. S. D., So. Haven, Mich.

HELIOTROPES.

Heliotrope rooted cuttings, six varieties, Dreer's light or dark blue, 75c per 100, $6.00 per 1000, prepaid; set of six, in equal numbers, $1.00 per 100, prepaid.
G. E. Fink, Roselle, N. J.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark, 2-in., 1½c; R. C., ¾c. Cash. 10% disc. for Jan. orders. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, dark, well rooted cuttings, 60c per 100; 2½-in., 2c; 3½-in., 5c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, nice stock, 2½-in., $2.00 100; $18.00 1000. Samples free.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotrope rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

Dark heliotrope rooted cuttings, 75c per 100.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering. 1-crown plants, 6c; 2-crown, 8c; 3-crown, 10c.
Baur Floral Co., Erie, Pa.

IRISES.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

Iris, all types. Very select list.
C. Betscher, Canal Dover, O.

IVIES.

Ivy rooted cuttings. English, $1.00; German, 50c per 100, prepaid. Cash.
Chas. Frost, Kenilworth, N. J.

Ivy, English, rooted cuttings, 1c, $8.00 per 1000; 2½-in., 6c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Parlor ivy rooted cuttings, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

LILY OF THE VALLEY.

Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or reference, please.
W. A. Finger, Hicksville, N. Y.

Lily of the valley, Bruns' celebrated Chicago Market brand, $15.00 1000; $1.75 100.
H. N. Bruns, 3040 Madison St., Chicago.

LOBELIAS.

Double lobelia, Kathleen Mallard, strong and well rooted cuttings, $1.00 100; $80.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

NURSERY STOCK.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ORCHIDS.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

Palms. Phoenix reclinata, 18 to 20 in. high, 5 to 7 leaves, 12½c each; $12.50 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

700 Latania borbonica, 4-in. pots, $20.00 per 100. Need the room and cash.
Chillicothe Floral Co., Chillicothe, O.

Kentia Belmoreana and Forsteriana, 2¼-in., $1.00 per doz., $8.00 per 100, $75.00 per 1000; 3-in., $1.50 per doz., $12.00 per 100, $110.00 per 1000; 3½-in., $2.00 per doz., $15.00 per 100, $125.00 per 1000; 500 at 1000 rate.

Latania borbonica, 2-in., 50c per doz., $4.00 per 100, $35.00 per 1000; 3-in., $1.00 per doz., $8.00 per 100, 75.00 per 1000; 5-in., $4.00 per doz., $35.00 per 100, $300.00 per 1000; 6-in., $6.00 per doz., $40.00 per 100, $350.00 per 1000; 500 at 1000 rate.

Phoenix reclinata, 3-in., $1.50 per doz., $12.00 per 100, $110.00 per 1000; 3½in., $2.00 per doz., $15.00 per 100, $125.00 per 1000; 50 at 100 rate.
Geo. Wittbold Co., Edgebrook, Chicago, Ill.

We have an extra good stock of Forsteriana. made up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values. 7-in. pots, 3 plants in a pot, 40 to 44 in. high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each. Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each. Full line of sizes of both Forsteriana and Belmoreana in price list No. 5, just out. Send for it if you did not receive it.
Storrs & Harrison Co., Painesville, Ohio.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

PANSIES.

25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
S. J. McMichael, 142 Larkins St., Findlay, O.

Pansies, choice assorted, strong, transplanted, 50c per 100; $4.00 per 1000.
F. A. Baller, Bloomington, Ill.

Field-grown pansy plants, $3.00 per 1000; 2000 for $5.00.
J. H. Krone, Jr., Fort Smith, Ark.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Loyal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. F. H. De Witt & Co., Wooster, O.

Pelargoniums, 70 best varieties, including all the best new and older sorts; 3½-in., fine, bushy stock, ready for a shift, clean and thrifty, $7.00 per 100. J. Sylvester, Florist, Oconto, Wis.

PEONIES.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, 1200 sorts, big stock. Send for list. Largest collection anywhere.
C. Betscher, Canal Dover, O.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Petunias, all the good ones. See display adv.
John Irvine & Sons, Bay City, Mich.

Petunias, double fringed, from 2-in. pots, 2½c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Single petunias, fine 2-in. plants, $1.50 per 100. Howard's Star, Rosy Morn, Snowball.
Brehmer's Nursery, Chillicothe, Ohio.

Dreer's double petunias, mixed, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Petunias, dble., rooted cuttings, $1.00 per 100; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

PHLOXES.

HARDY PHLOX.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100, $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

PILEAS.

Pileas, strong 2-in., 1½c. Cash. Bargain. 10% disc. on all plants. List. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

PRIMULAS.

Primula obconica, extra strong plants, showing buds, fine stock for Easter, 2½-in., $2.75. Try them. Good mixture. Cash.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Primula obconica grandiflora, Kermesina, rosea and alba, fine stock, in bud and bloom, 3½-in., $5.00 per 100; 4½-in., $8.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Chinese primulas, A No. 1, 4-in., $10.00 per 100, or will exchange for rooted cuttings or 2-in. geraniums. R. S. McMurray, Bellefontaine, O.

Primula obconica, all colors, 3-in., $3.00 per 100, 200 for $5.00; 4-in., $5.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primula, Chinese, in bud and bloom, shipped in 4-in. pots, 10c. Obconica, 3-in., 3c.
Wettlin Floral Co., Hornell, N. Y.

While they last, obconica and Forbesi primulas, 2-in., 1½c; 3-in., 4c.
U. G. Harglerode, Shippensburg, Pa.

Primula obconica, in bud and bloom, out of 4-in., $6.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, O.

Primula obconica, mixed colors, 2-in., 2c; will make nice stock for Easter.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Primula obconica, full of bloom, in 4 and 5-in. pots, 35c each.
Mosbæk Greenhouse Co., Onarga, Ill.

Primulas. Obconica, alba, rosea, hybrida, rubra, 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

Primula obconica, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

PRIVET.

CALIFORNIA PRIVET.

500,000 3-yr. plants, with 12 to 20 branches; have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rates. Cash with order.
JOHN BENNETT, Atlantic Highlands, N. J.

California privet, 1-yr., 12 to 18 in., branched, $10.00 per 1000; 2-yr., 2½ to 3 ft., 10 to 15 branches, extra heavy, $25.00 per 1000, packed.
Furrow & Co., Guthrie, Okla.

Cal. and Amoor River privet, all sizes.
Valdesian Nurseries, Bostic, N. C.

RHODODENDRONS.

Rhododendrons, 18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Storrs & Harrison Co., Painesville, Ohio.

ROOTED CUTTINGS.

Rooted cuttings. Fuchsia, $1.00; Salvia Bonfire, 80c; heliotrope, dark, 75c; coleus, 60c; vinca, 85c; ageratum, 50c; alternantheras, red, yellow, 50c. All per 100. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

List of 1c, 2c and 3c rooted cuttings of roses, verbenas, etc. Gem Nursery, Los Gatos, Cal.

Rooted cuttings of anything you want. See display adv. John Irvine & Sons, Bay City, Mich.

ROSES.

ROSES, EXTRA FINE.
TWO YEARS, FIELD-GROWN.

Cl. Testout, Cl. Gainsboro, Cl. Kaiserin, Cl. Henriette, 2 to 4 branches, 4 to 6 ft., 10c.

Limited quantity of Cl. Testout, Cl. Gainsboro, 3-yr., 6 to 10 branches, 8 to 10 ft. or more, 25c.

Paul Neyron, Ulrich Brunner, Prince Camille de Rohan, Margaret Dickson, Magna Charta, Her Majesty, Rothschild, Mme. Caroline Testout, La Detroit, Triomphe de Pierre, Killarney, White La France, Adm. Dewey, Viscountess Folkestone, Prince of Naples, Baby Rambler, Mme. Chatenay, Bessie Brown, Pres. Carnot, Helen Good, Gruss an Teplitz, 10c.

Kaiserin, Richmond, Soupert and Cl. Soupert, medium 2-yr. plants, 6c.

Mme. Plantier, any quantity, 4 to 6 branches, 3 ft., 4c.

Sweet and subacid pomegranates, fine, 25c.

All first class, well grown and rooted, thoroughly ripened by nature, fresh dug for each order. Packing the best.
JESSE T. ELLIS,
604 S. Hill, Griffin, Ga.

Field-grown roses. Climbing Clothilde Soupert, 3 ft., $6.00 per 100. Bon Silene, 1 ft., with many side branches; Frances Willard, new white rose, 3 ft., 10c each.
Wm. K. Nelson, Augusta, Ga.

2-year, hardy, field-grown roses, best sorts for spring blooming. Magna Charta, Crimson and Baby Rambler, Jacq., etc., 8c. List free.
W. H. Salter, Rochester, N. Y.

Roses, surplus stock, good and strong. Bride and Maid, 2-in., $2.00; 3-in., $3.00 per 100.
Dana R. Herron, Olean, N. Y.

Roses. Bride and Maid rooted cuttings, $1.50 per 100; $12.50 per 1000.
Baur Floral Co., Erie, Pa.

ROSES—Continued.

Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100; $25.00 1000.
W. Frank & Sons, Portland, Ind.

ROSE PLANTS, 2¼-IN.

Bride	$2.25 100;	$20.00 1000
Maid	2.25 100;	20.00 1000
Golden Gate	2.00 100;	20.00 1000

Andrew Peterson, Hoopeston, Ill.

Splendid assortment; ask for fall price list. Leedle Co., Expert Rose Growers, Springfield, O.

RUBBERS.

Rubbers, fine plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

SALVIAS.

Salvia Zurich, dwarf, everblooming, early, absolutely true to name, R. C., $1.00 100; $8.00 1000. Bonfire, R. C., 80c 100; $7.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

SEEDS.

FLORISTS' FLOWER SEEDS.	Oz	Pkt., ab't 1000 seeds
ASTER—		
Extra early Hohenzollern, white, rose, The Bride	$1.00	$0.20
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple	1.00	.20
Giant Comet, The Bride, rose, yellow, blue, white, peach blossom	1.00	.20
Vick's Branching, white, lavender, light blue, purple, crimson, pink, rose	1.00	.20
Queen of the Market, white, pink, light blue	.50	.10
American Beauty	1.50	.20
Lavender Gem	1.50	.20
Snowdrift	1.50	.20
ANTIRRHINUM—		
Giant, white, striped, scarlet, yellow, garnet	.40	.10
PANSY—		
Currie's International Mixture, ⅛ oz., $1.25	8.00	.50
Giant Florist's Mixture, ⅛ oz., 60 cents	4.00	.35
SALVIA—		
Splendens	1.00	.15
Bonfire	2.00	.25
Zurich	2.50	.25
VERBENA—		
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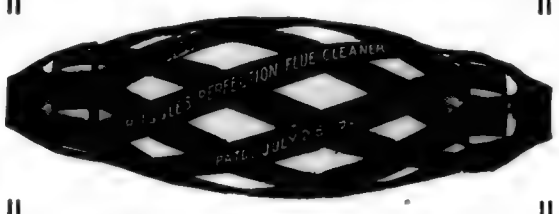
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HEAT FOR TOMATO HOUSE.

I have built a greenhouse, 14x40, with side walls four feet high. It is built tightly and substantially, of good lumber. I have placed four 2-inch lines of piping on each side of the house, and my plumber claimed that the circulation could be supplied by putting a coil in an upright stove, but the plan failed. Will a six horse-power boiler do the work, at 10 degrees below freezing? I expect to use the house for growing tomato plants and various kinds of vegetables. I am located in Ohio. P. A.

For growing tomato plants it is desirable to have a house in which a temperature of 60 to 65 degrees can be maintained, and it would not be an easy mat-

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ter to secure much more than 50 degrees in zero weather in a house fourteen feet wide, with eight 2-inch pipes. Two more pipes should be added, therefore, if tomato plants are to be started before March 1.

It will be best to have a boiler rated to heat 300 square feet of radiation, and a six horse-power boiler should be sufficient for the purpose, but care should be taken to provide one 2½-inch opening, or two 2-inch openings, for the flow pipes and the same for the returns.

A PARTITIONED HOUSE.

I am planning to build one house, 25x100 feet and twelve feet high to the ridge. The back wall will be six feet high and the front wall four feet high, with one foot of glass. The house will be fully exposed to severe winds. There will be an office at the west end and a boiler-room at the east end, and I wish to heat the office from the boiler. Can I heat at this distance economically with hot water, or would it be advisable to make the house only eighty feet long?

I wish to use half of the house for roses and the other half for carnations, with a partition through the center. How shall I arrange the piping so as to get the extra heat for the roses, which will be at the east end, nearest the boiler? How many and what size of pipes will be required? The temperature in this part of North Dakota may go to 40 degrees below zero. What size of Kroeschell boiler will be needed to heat this house and another one, 25x76, running east from the boiler? In other words, the boiler will be in the center of the two houses. M. B.

There will be no difficulty about heating a house 100 feet long with hot water, provided 2½-inch flows and 2-inch or 2½-inch returns are used.

As I understand the inquiry, there will be a rose house 25x50 feet at the boiler end of the house; next will come a carnation house of the same size and beyond this will be the office, of which the dimensions are not given, but which it is desired to heat.

Various plans can be used to heat the different parts and secure the temperatures desired. One way would be to run a 2½-inch flow pipe overhead through the rose and carnation houses to the office, provided it will not require more than 400 square feet of radiating surface. A good way to compute this is to use one square foot of radiating surface for each foot of exposed glass in the office (supposing that there are no very large windows); also one foot for each ten feet of exposed wall surface other than glass, and one foot for every 100

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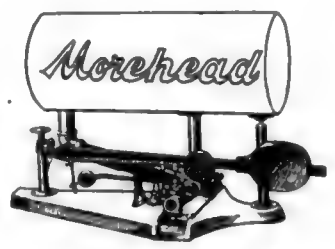
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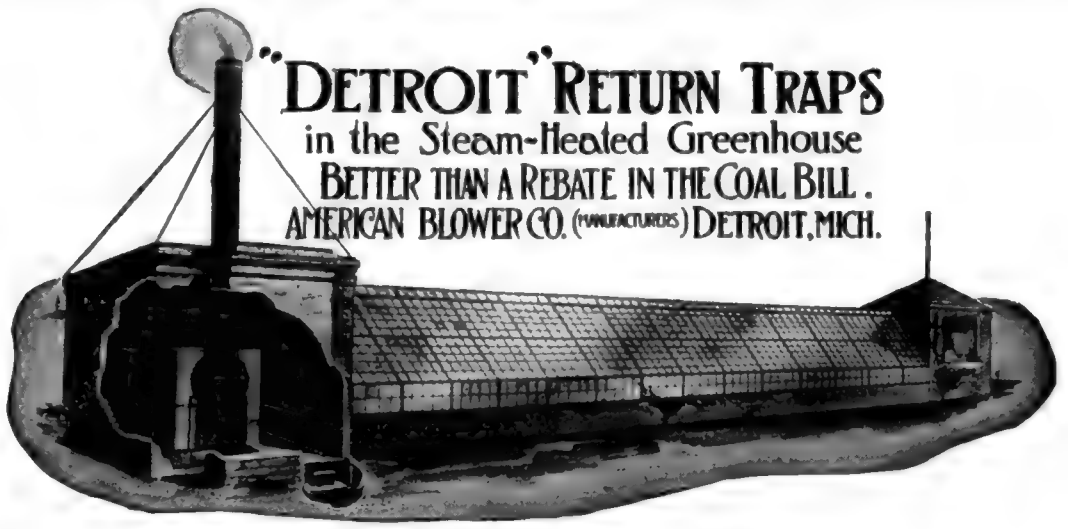
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Metallic Thermometer "A"

SIZE—8 inches high, 4 inches wide, 2 inches deep. Case made of cast aluminum, highly finished.

This little instrument is an accurate, fully tested thermometer showing the correct temperature at all times, and combines a device which will ring a bell at your bedside when the greenhouse gets either too hot or too cold.

The florist needs protection against the overheating of his greenhouses as well as a protection against cold, for which we can highly recommend our type "A." This device serves both purposes, and at the same time indicates, as previously stated, the actual temperature in his greenhouse.

We guarantee that actual results will at all times be obtained. This device has been subjected to the severest tests in our laboratory, for over two years, and at the same time has given entire satisfaction, under all conditions, to many users in the trade.

All you have to do is to set the pointers at the highest and lowest temperatures you want, and the thermometer will do the rest. It will ring a good, loud bell when either point is reached.

This device saves all worry over trouble from sudden temperature changes.

Investigate it today.

The "National" Differential Temperature Alarm



SIZE—4 inches in diameter, 1½ inch deep. Casing made of Sheet Aluminum.

A sudden cold snap, or a rapid thaw, may mean hundreds of dollars' loss because your greenhouse gets too hot or too cold before you realize the sudden change that has occurred.

Protect yourself from such danger

Our Differential Temperature Alarm is specially designed for florists' use and is **guaranteed** to give absolute protection from the dangers before stated. Set the pointers at the highest and lowest temperatures desired and this device will positively ring a bell at your bedside when either point is reached.

Over 2,000 of these instruments are now giving complete satisfaction to florists throughout the country.

It is constructed of the very best material available for the purpose, and contains no complicated mechanism; hence serves its purpose a lifetime.

The pointers on face of instrument can be set so as to allow a difference between a possible increase or decrease of temperature of only two degrees. All that is necessary is to change position of pointers by loosening set screw in center so as to set the pointers or hands on face of dial; then tighten said set screw.

We also manufacture separate instruments; No. 1, to ring a bell when the house gets too hot; No. 2, to ring a bell when the house gets too cold. Of course, the most useful is the instrument illustrated above, which is a combination of both No. 1 and No. 2.

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cubic feet in the room. Also carry two 2½-inch flow pipes through the rose house, along the side walls to the farther end of the carnation house, and also two flow pipes of the same size to the farther end of the rose house, to supply the coils there. In each of these houses place a coil of six 2-inch pipes on each wall. The return pipes should be of the same number and size as the flows.

Without knowing the size of the office, it is not possible to give a close estimate of the size of boiler that will be required, but with 400 feet of radiation in the office, and the amount suggested for the rose and carnation rooms, it will be advisable to have a boiler rated for 2,000 square feet of radiation.

THE FUEL FAMINE.

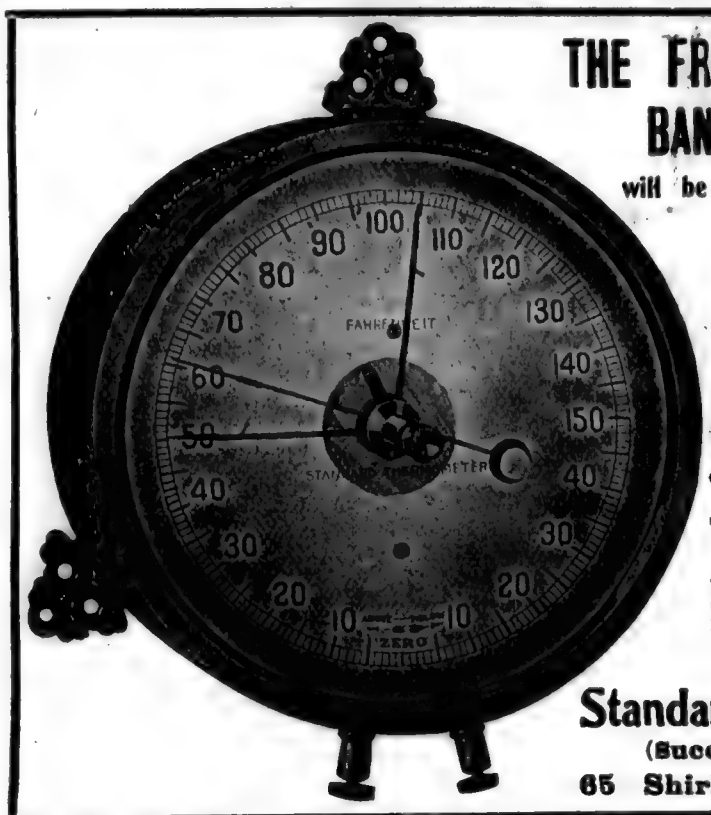
The fuel famine in the middle west this season has been something entirely without precedent, and it has kept a great many growers on the anxious seat for over a month. One result of the famine will be that next summer a whole lot of growers will take in a great deal more fuel than they ever did before. A large part of the trouble has come through the inability of the railroads to move freight. It is true that the stocks of fuel were not large when the cold weather descended so suddenly early in December, but it has been more the troubles on the rail than in the mine that have made coal scarce. The man in charge of the operation of a railroad does not have the softest of snaps when zero lasts for weeks at a time. A locomotive is usually looked upon as an irresistible power, but many an engine has been frozen up these last few weeks. The railroads have been making special effort to move perishable freight and coal. The yards and sidings all through the Mississippi valley are filled with loaded cars of miscellaneous merchandise.

Just as an instance of how slowly fuel has come forward, last summer the Iowa Seed Co., Des Moines, built a big reinforced concrete shed for the storage of some 500 tons of coal. It was late in the autumn before the shed was finished, and they never yet have succeeded in getting enough coal at one time to completely cover the floor, to say nothing of filling the shed. J. S. Wilson, in the same town, says that he has gone to bed many a night with so little fuel on hand that if he did not get more next day his fires would go out.

Such conditions are not conducive to peace of mind; they tend rather toward gray hairs.

MARIETTA, O.—An accident to J. W. Smith's boiler, on the night of December 14, caused the ruin of his entire stock of plants and flowers for the holidays. This involves a loss of his whole year's work, besides the shrinkage in the business which he has built up during the last two years. His finances are thus so severely strained that he will have great difficulty in restocking his place as promptly as is desirable.

EATON, O.—S. J. Galloway sends this report, under date of December 29: "Ten degrees below zero. Pretty hard on both the fireman and the coal pile."



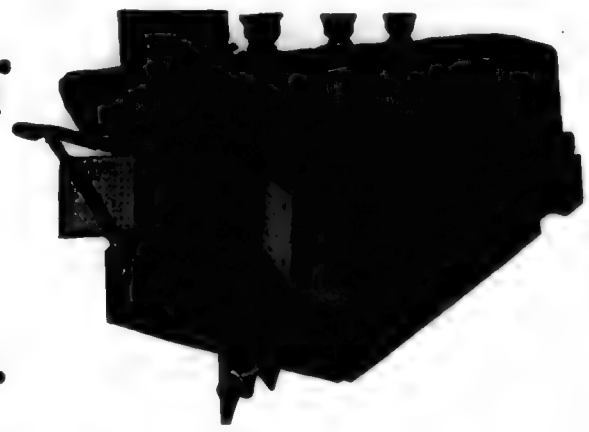
THE FREEZE-CUT THAT BANKRUPTS THE FLORIST
will be avoided by those who have our
STANDARD THERMOSTAT
STY E 1
Diameter, 6 in. Price, $5.00 each
It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.

MENASHA, WIS., Jan. 9, 1909.
THE PARKER MFG. CO.,
Boston, Mass.
GENTLEMEN: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.
Yours very truly,
JOS. B. FROEHLICH.

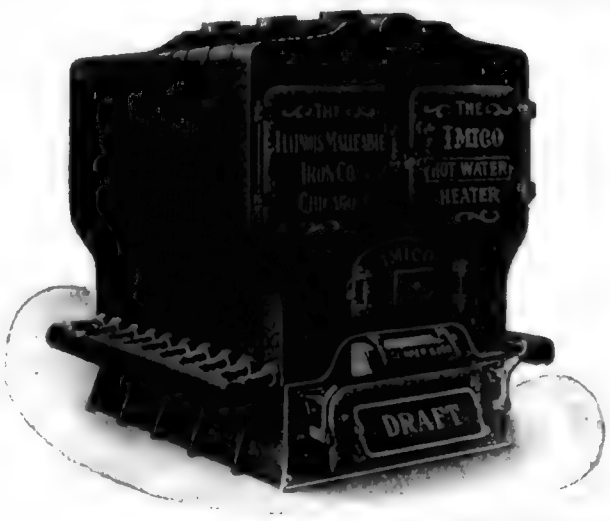
Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.

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The Kroeschell Boiler
Is the only perfect
Hot Water Boiler
made in 15 sizes, heating from the smallest greenhouse up to 50,000 square feet of glass to 60 degrees, at 15 degrees below zero.
PRICES AND CATALOGUE on application.
Kroeschell Bros. Co.
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IMICO Hot Water Boilers
Made by
ILLINOIS MALLEABLE IRON CO.
1801-1825 Diversey Boulevard
CHICAGO
Are noted for coal economy and good results generally
SEND FOR CATALOGUE

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Steel Return Tubular Boilers
The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.
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138 E. 31st St., NEW YORK

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The best, cheapest, quickest, simplest and easiest way to fix your split carnations. No tools required.

"We consider your Carnation Staple superior to anything in the market for that purpose, as we have tried them all." Broadway Floral Co.



2000 for $1.00, postpaid. Sample Free

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THE SUPERIOR GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of

GRATE BARS

both rocking and stationary

Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.

Send for catalogue and prices.

Superior Machine and Boiler Works

840-850 West Superior St., CHICAGO

L. D. Phone, Monroe 1008.

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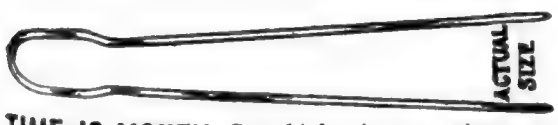
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of Galvanized Steel are used everywhere. Sizes up to 1200 gallons can be shipped set up at small cost for freight. These tanks are strong, tight and durable. Cost less than wood tanks. Ask for illustrated catalogue and delivered prices.

W. E. Caldwell Co., Incorporated, Louisville, Ky.

TANKS (Steel, Wood, Galvanized) TOWERS, Windmills, Pumps, Gas Engines.

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TIME IS MONEY Save ⅓ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 15c per lb. Write for prices on larger quantities.

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All The Best Offers All The Time

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REVIEW'S CLASSIFIED ADVS.



Our Contract Covers Everything

By "cover" we mean H. & Co. do the entire thing—heating plant, ventilating apparatus, erect your house throughout—one contract with one firm to do the whole completed thing, as one. Such a contract has these strong points—you do business with one firm—all parts of the work go forward without delays—everything is on the spot—you hold one firm liable, you make all settlements with one firm and you get the best construction obtainable, and are sure of pleasant dealing. Write for particulars.

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Designing and Sales Offices
1170 Broadway, New York

General Offices and Factory
Elizabeth, N. J.

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ESTABLISHED 1860

For 48 years we have supplied only the best in

Red Cypress Greenhouse Material

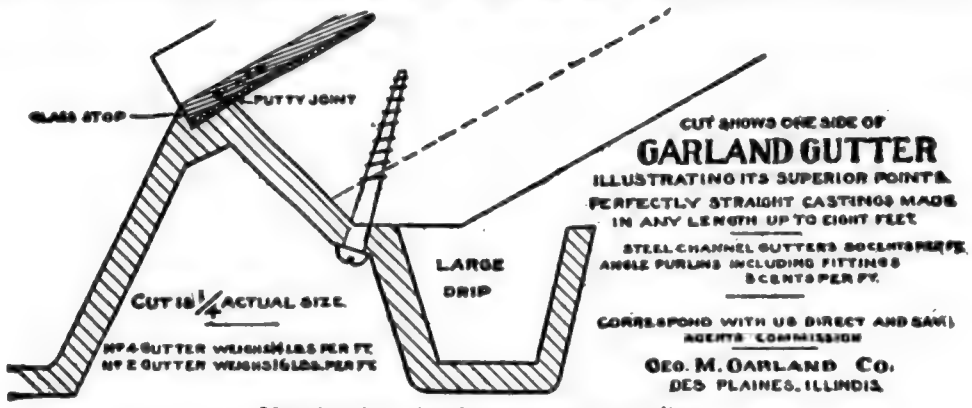
AND

Hotbed Sash

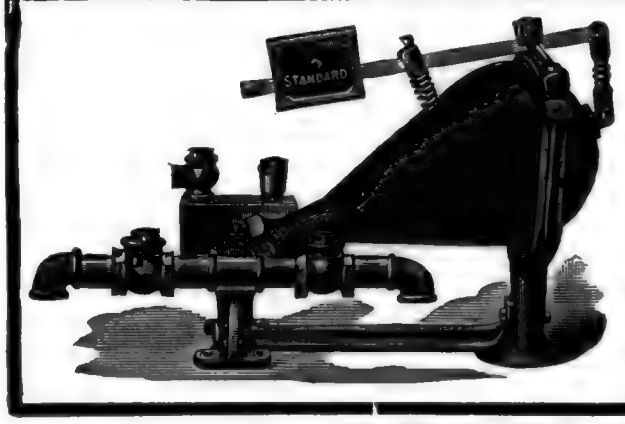
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The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

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GET OUR PRICES ON

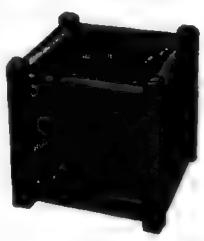
Galvanized Wire Rose Stakes and Tying Wire

IGOE BROTHERS

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.

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MISSION PLANT BOXES

Are the best and cheapest plant boxes in the market for large plants, boxwoods, bay trees, etc.

They are attractive in design, strong and durable. Suitable for either outdoor or indoor use.

Write for prices.

WAGNER PARK CONSERVATORIES, Sidney, Ohio

LARGEST JOBBERS
GREENHOUSE GLASS
IN THE WORLD
Superior quality and lowest prices. Before buying, send us your inquiry.
PITTSBURGH PLATE GLASS COMPANY
442 Wabash Avenue, Phone Harrison 2239, CHICAGO

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NEW BEDFORD, MASS.

The Market.

Trade last week was good here. Carnations are now coming in quite plentifully, but the demand about takes care of them. They retail at 60 cents per dozen. Roses retail at $1.50 and $2 per dozen, violets at $1.50 per hundred blooms and sweet peas at $1 per hundred blooms. Paper White narcissi sell at 50 cents per dozen, retail. Stevia is about all done for this season.

Funeral work is good at present, using lots of short stock.

There is a good supply of Paper Whites coming into this market just now.

Lilies for Easter here are looking well in general, with good prospects of getting them in on time. Plant sales are fair just at present.

The weather continues cold, with an occasional snow flurry.

Various Notes.

William Livesey is sending some nice carnations to E. H. Chamberlain.

Wm. P. Peirce is still putting out those famous big violets, from A. E. Briggs, of Dighton, Mass.

J. H. Cleary has some nice trimmed baskets in his store window on Pleasant street.

S. S. Peckham is now back again at the head of his place in Fairhaven, Mass. Peter Davis, who was running it, has given it up. W. L.

TIFFIN, OHIO.

Edmund J. Ullrich, who has been general manager of the Ullrich greenhouses since the death of his father, has now purchased the entire stock from his mother, Mrs. Minnie Ullrich. Mr. Ullrich also leased the grounds and the buildings indefinitely. He states that he will make no changes in the force at the greenhouses, and will conduct the business in the same up-to-date manner as has been done heretofore. H. Rautenberg, of Lockport, N. Y., a practical grower, has been engaged to take charge of the growing department.

JAMES H. RICE CO.
Get Our Special Prices on
GREENHOUSE GLASS
NOW
Window Glass, Paint, White Lead, Putty, Etc.
Telephone Central 1944.
Office and Warehouse: Michigan, St. Clair and Illinois Sts., CHICAGO

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For GREENHOUSE GLASS
WRITE
The Toledo Plate & Window Glass Co.
TOLEDO, OHIO
We have the largest stock in the West.
HIGH QUALITY LOW PRICES MINIMUM BREAKAGE

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Superior Quality Low Prices Quick Delivery
Greenhouse Glass
Write us for prices.
BAUR WINDOW GLASS CO., MANUFACTURERS, EATON, IND.

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GLASS
FOR GREENHOUSES
John Lucas & Co.
Philadelphia — New York — Chicago — Boston

Mention The Review when you write

Holds Glass Firmly
SEE THE POINTS
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cts. postpaid.
HENRY A. DREER
714 Chestnut St., Phila., Pa.
FULL SIZE No 2

Mention The Review when you write.

SIEBERT'S ZINC NEVER-RUST
GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade. Randolph & McClements, Successors to Chas. T. Siebert, Baum and Beatty Sts., Pittsburg, Pa.

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"HOOKER QUALITY"
The mistake of your life if you don't buy
GREENHOUSE GLASS
Prices are very low and "Hooker Quality" is famous with the best greenhouse trade.
— Write Today —
H. M. HOOKER CO.
651-659 Washington Blvd., CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

No order too large for us to give you prompt shipment

ESTABLISHED 1862
W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.
Manufacturers of **STANDARD FLOWER POTS**

No order too small to receive our careful attention

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Syracuse Red Pots

We have a large stock of well made and well burned pots on hand for the trade of 1910.
Prompt shipments guaranteed.
Our terms are as good as the best.
Catalogue for 1910 on application.

Syracuse Pottery Co.
SYRACUSE, N. Y.

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All The Clay

for our

Florists' Red Pots

is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO.
ZANESVILLE, OHIO.

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GEO. KELLER & SON
Manufacturers of
RED POTS
Before buying write for prices
2614-2622 Herndon Street
Near
Wrightwood Ave., CHICAGO, ILL

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Standard Red Pots

Price list and samples on application.
We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.
MILWAUKEE, WIS.

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American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50



The American Woodenware Mfg. Co
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RED STANDARD POTS PRICES PER 1000 F. O. B. HARRISON
2½-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.
Cash must accompany order.
HARRISON POTTERY, Harrison, Ohio
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Manufacturers of the original Red Flower Pots.
None better made at any price.

BUY your Flower Pots from the C. C. Pollworth Co., Milwaukee. We are as near to you as your railroad.

POLLWORTH MILWAUKEE

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For "Pot Luck" Try Us

HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
World's Largest Manufacturers
Write for Catalogue and Discounts.

A. H. HEWS & CO., Inc., Established 1765 CAMBRIDGE, MASS.
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KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
213 to 223 PEARL STREET, NORRISTOWN, PA

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THE FAMOUS IONIA POTS

STRONGEST, LIGHTEST, MOST POROUS.
Packed in strong, hardwood crates. Plenty of straw.
We solved the breakage problem years ago.
We are ready for that order NOW.

IONIA POTTERY CO., - - IONIA, MICH.

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Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

RED
Standard Flower Pots

Price list and samples on application.

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...Rubber Hose Specialists...

Look for this Brand.

The only manufacturers devoting their entire time and attention to the manufacture of Rubber Hose.



Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

MANUFACTURERS OF ELECTRIC GARDEN HOSE

Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Write for prices.

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DAYTON, OHIO.

The Market.

Business in the last week has been largely governed by the weather, which has been the coldest that Dayton has experienced in some time. There has been but little sunshine, with plenty of dull days, which have so checked crops that it will take several nice, warm days to get them straightened out again. Consequently stock is scarce and the demand is much greater than the supply. There seem to be plenty of buds, which, with a little coaxing and sunshine, would bring an abundance of roses and carnations.

Though business, since the holiday rush, has dropped back to its normal standing again, prices are still holding up remarkably well, and stock, though scarce, is of excellent quality. There have been a few weddings and occasional funeral orders to help things along. Bulbous stock, such as hyacinths and Paper Whites, is quite plentiful and comes in nicely on funeral orders.

Various Notes.

The regular monthly meeting of the Dayton Florists' Club was held at the establishment of J. F. Young, 37 East Fifth street, January 10.

This week will be a big one at the offices of the National Cash Register Co., as all of its salesmen from all over the world will be here to attend the annual banquet. The Miami Floral Co. is furnishing the decorations for the occasion.

The Heiss Co. reports that stock is scarce with them, but they find business in general to be most satisfactory.

H. H. Ritter says that last week's business was just like a holiday week with him, with plenty doing throughout the entire week. R. A. B.

STOTT SPRAY NOZZLE



Gives a spray as fine as mist. Well diffused for insecticide purposes; it sprays under the leaves as well as over. Very economical of fluid. It cannot choke or get out of order.

Price, $1.00 each;
By mail, $1.10 each.

Stumpp & Walter Co.

50 Barclay Street, NEW YORK

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"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



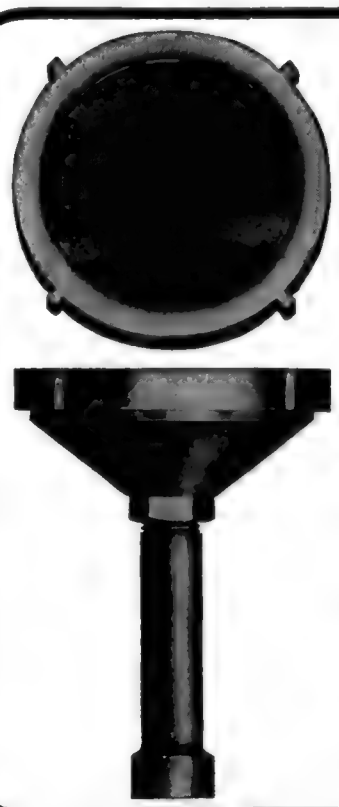
Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK	PHILADELPHIA	PITTSBURG	CHICAGO
MINNEAPOLIS	NEW ORLEANS	SAN FRANCISCO	PORTLAND, ORE.

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...THE NEW...

Chicago Sprayer

This Sprayer is made of aluminum and with two brass plates, one being fine and the other coarse. They can be easily removed, quickly cleaned and this sprayer will never wear out.

E. H. HUNT, Chicago, Ill.
Dear Sir:—We just want to say that your new "Chicago Sprayer" is the finest thing in that line that has ever come to our notice.
BAUR & SMITH, Indianapolis, Ind.

E. H. HUNT, Chicago, Ill.
Dear Sir:—The "Chicago Sprayer" works admirably on small plants like pansies, and equally well for spraying roses. It has my approval.
W. A. HARSHBARGER.

Sprayer face 4½ inches wide, nozzle 6½ inches long, ¾-inch pipe connection, $2.50 each.

E. H. HUNT, Established 1878

76-78 Wabash Avenue, CHICAGO

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A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

NEW YORK BELTING AND PACKING CO. LTD

91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
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There are no **Dry Spots** with The Skinner System of Garden and Greenhouse Irrigation.

The Skinner Irrigation Co.

TROY, O.

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DREER'S

Florist Specialties.
New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.
The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
⅝-inch,	"	13 c.
Reels, 500 ft..	"	12½c.

Couplings furnished
HENRY A. DREER,
714 Chestnut St.,
PHILADELPHIA, PA.

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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.75; 50,000....$7.50; Sample free
For Sale by Dealers

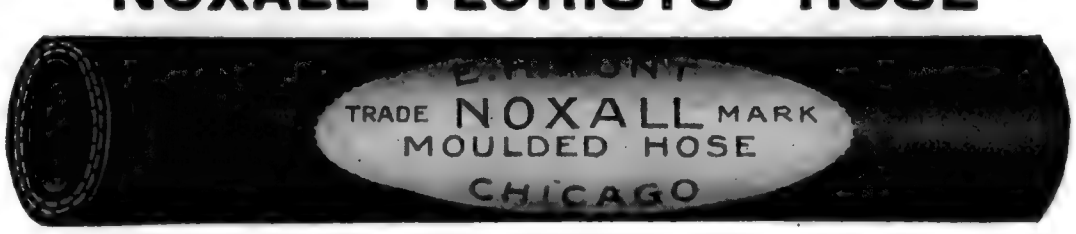
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Awarded diploma and medal, 1907, for the celebrated [illegible] **Shower Maker, $1.00**
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopesky, South Bend, Ind.

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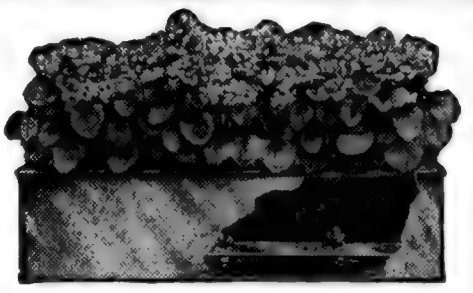
NOXALL FLORISTS' HOSE



Furnished in any length up to 500 feet, without seam, joint or connection, ½ and ¾-in. sizes. An exceptionally high grade greenhouse hose, manufactured with a double woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover. The double woven jacket construction makes a stronger hose than can be obtained from cotton duck and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking. Noxall Hose is guaranteed to stand a pressure of 500 lbs. per square inch, although its bursting pressure is far in excess of this. Noxall Hose is made by the latest and most improved methods and its construction is the most important improvement made in the manufacture of rubber hose since Goodyear discovered the process of vulcanizing rubber 75 years ago. No hose made will give equal service for greenhouse use.

SPECIAL NET PRICES:—¾-in. size, 16c per ft., coupled, cut any length; ½-in. size, 14c per ft., coupled, cut any length. Write for special prices on 100, 200 and 500-ft. lots.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO



Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. **Your jobber will supply you,** or write to

Handsome illustrated booklet sent free on request. **ILLINOIS HEATER & MFG. CO.** 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

...YOU...

Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

THE FLORISTS' HAIL ASSOCIATION

Has paid $116,000.00 for glass broken during the last 21 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River, N. J.

MINNEAPOLIS.

The Market.

Below zero seems to be the only place that mercury will rest here, and with continued cloudy weather the grower has to depend on steam to produce the blooms. The usual lull after the holidays is with us. Stock is plentiful, but the demand light. Bulbous stock is on the market in full sway, including tulips, daffodils, valley, narcissi, hyacinths and a good supply of speciosum and Harrisii lilies. Greens are scarce, particularly smilax. Prices keep up on stock in general. Blooming plants are selling well for this time of the year. Everywhere preparations are being made for Easter.

Various Notes.

Oscar Eckart is the proud father of a little girl, born the last day of the old year.

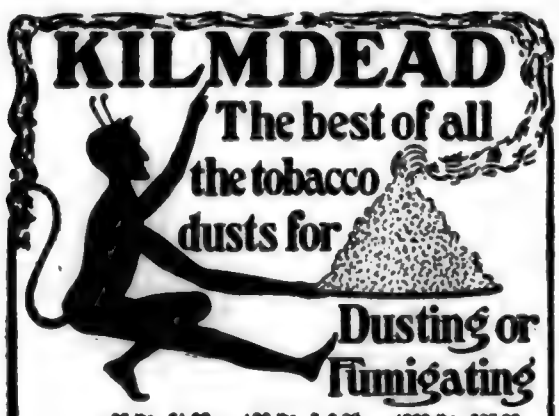
The visitors last week were: S. N. Mehlin, of Fergus Falls, and George E. Valker, of Minot, N. D. M. E. M.

WASHINGTON.

All the affairs of the recent flower show have been wound up, and the event has gone down into history as the most successful ever held in Washington. At a meeting of the Florists' Club January 4 it was announced a profit of more than $200 had been realized, which surpasses all records.

In celebration of the successful outcome of the show, that meeting of the club was christened "Whole Dam Family Night." Each member was made to smoke a pipe which was marked "Whole Dam Family." Refreshments were served from flower pots. The next session of the club will be "Ladies' Night."

KILMDEAD



50 lbs. $1.00 100 lbs. $ 5.00 1000 lbs. $27.00
90 lbs. 1.75 200 lbs. 14.00 2000 lbs. 52.00

Stumpp & Walter Co 50 Barclay St., New York.

Mention The Review when you write.

Green Flies and Black ones too are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO.,
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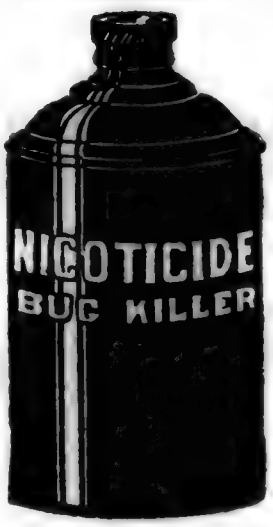
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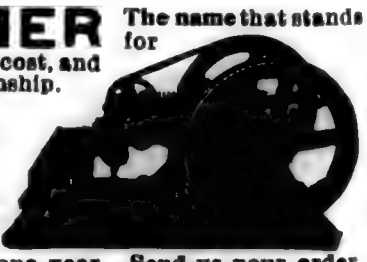
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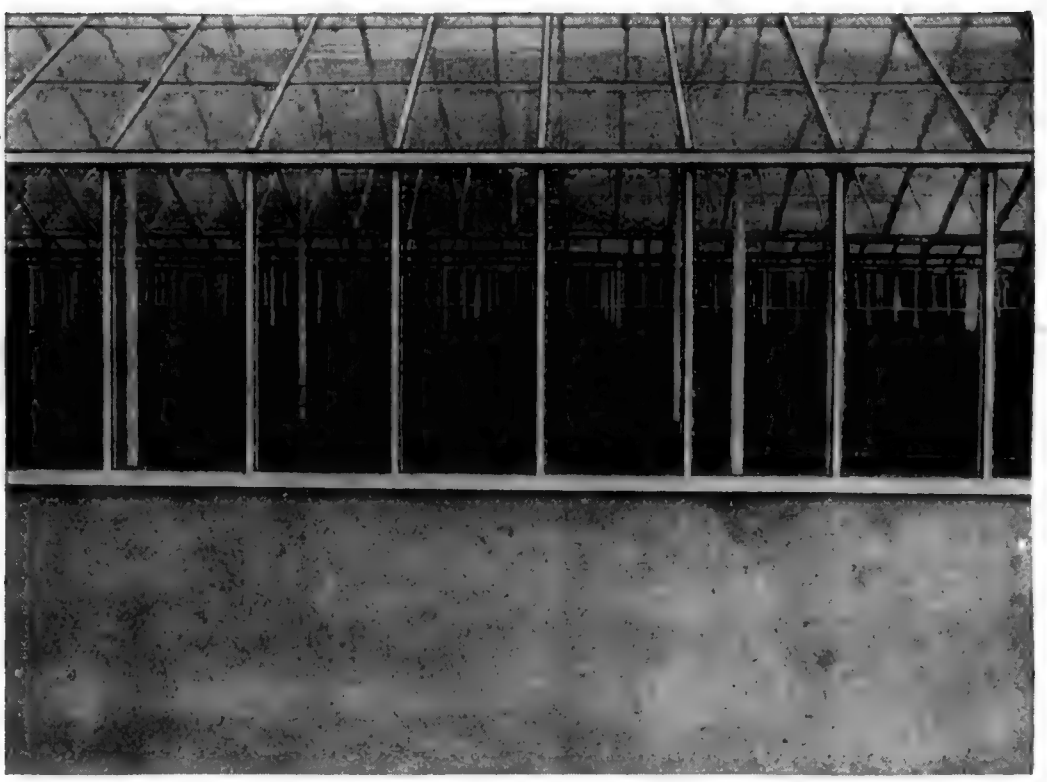
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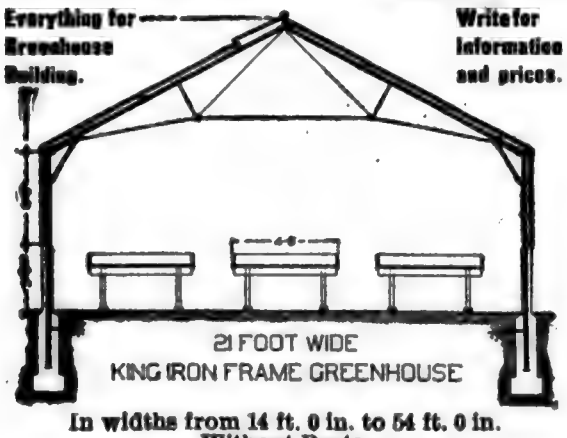
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, JANUARY 20, 1910. No. 634.

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To Our Western Agents,
THE WINTERSON SEED CO.
45-47-49 Wabash Ave., CHICAGO, ILL.
—or to—
ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th St., New York

Rooted Carnation Cuttings

	100	1000		100	1000
Conquest	$12 00	$100.00	Splendor	$3.00	$25 00
Sangamo	12.00	100.00	Alvina	5 00	45.00
Mary Tolman	12 00	100 00	Aristocrat	3.00	25.00
White Enchantress	3.00	25.00	Afterglow	3.00	25.00
White Perfection	3 00	25.00	Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20 00	O. P. Bassett	6 00	50.00
May Day	6 00	50 00	Beacon	3.00	25.00
Daybreak Lawson	3.00	25.00	Victory	3.00	25.00
R. P. Enchantress	3.00	25.00	Andrew Carnegie	3.00	25.00
Winona	3.00	25 00	Gov. Deneen	6.00	45.00
Winsor	3.00	25.00			

All stock clean, healthy and well rooted.
The best that money can buy.

Chicago Carnation Co., A. T. Pyfer, Mgr. Joliet, Ill.

Now Ready For The RETAIL STORE TRADE

BEGONIA PRESIDENT TAFT

Large specimens, at their best in January, $1.50 to $2.50 each.

ADIANTUM FARLEYENSE

Good value.....75c and $1.00 each

PANDANUS VEITCHII

Fine plants.....$1.50 to $3.00 each

—Price List on Application.—

J. A. PETERSON, Westwood, Cincinnati, O.

Ten Days' Free Trial
The Baur Carnation Clip

Please send without delay 10,000 more of the Baur Carnation Clips. They are the finest thing on the market. A. J. BOOTHMAN.

The Baur Carnation Clip works like a charm. Send me 10,000 more clips. B. WILLIG.

Send us no money. The cleverest device ever invented for mending **Split Carnations**, will be sent to you absolutely free, without a cent deposit. Worth many times its cost.

Outfit (1 plier and 1000 clips), $2.50. Clips: $1.00 per 1000, $1.50 per 2000, $3.25 per 5000, $6.00 per 10,000, $12.50 per 25,000, $20.00 per 50,000.

We refit old pliers free. Send them in and we will repair or promptly send you a new one.

BAUR FLORAL CO., Erie, Pa.

Azaleas

Now is the time to get ready for your Easter trade. We have a few hundred plants to offer at the same price now as they were in the fall, which are import prices of the following varieties: Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Prof. Wolters. 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

Hydrangeas

A few hundred field grown, one-shoot plants, $7 00 per 100. Satisfaction guaranteed.

Glass 16x24 ADS f. o. b. Erie or Buffalo. Let us quote you prices before you buy elsewhere.

Lilies

Giganteum, 7/9, 300 to case	$20.00 per case
" 9/10, 200 to case	21.00 "
Magnificum, 8/9, 200 to case	11.00 "
Auratum, 8/9, 160 to case	7.00 "
Album, 8/9, 225 to case	16.00 "

Carnation Cuttings

Now and later delivery. Beacon, Enchantress, White Enchantress, White Perfection, Winsor, $2.50 per 100; $20.00 per 1000. Winona, Lawson-Enchantress, $3.00 per 100; $25.00 per 1000. Georgia, $5.00 per 100; $40 00 per 1000. Pink Delight, $6.00 per 100; $50.00 per 1000. Also any other standard or new varieties at regular market prices.

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

New Chrysanthemums : :

Edmond Albe. Early commercial pink; mid-October; globular incurved.

Elise Papworth. Grand white; won the sweepstakes prize at the Chicago Show.

$5,00 per dozen; $35.00 per 100.

Early Monrovia. $3.00 per 100; $25.00 per 1000 plants. Rooted cuttings, $15.00 per 1000. Splendid, clean stock.

A grand collection of exhibition sorts. All the best commercials. Write for our list.

E. G. HILL CO., Richmond, Ind.

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1909	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.30	Lobelia Speciosa	$0.10	$0.50
Balsam Alba Perfecta	.10	.75	Lobelia Crystal P. Comp.	.15	1.15
Cobaea Scandens, purple	.10	.30	Smilax	.05	.25
Dracaena Indivisa	.10	.25	Stocks Cut and Come Again	.25	
Forget-Me-Not Victoria	.10	.75	Stocks Ten Weeks', mxd	.25	
Mignonette Machet	.10	.50	Stokesia Cyanea	.10	
Petunia, Calif. Giants	.25		Thunbergia	.10	.60
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00

For select strains of VEGETABLE SEEDS, Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our Market Gardeners' Wholesale List, mailed as soon as ready, upon request.

THE W. W. BARNARD CO., SEEDSMEN, 108-110 W. Kinzie St., Chicago

TRY US NOW

The market has undergone a radical change in the last few days. All stock has shortened up and Roses, especially, have become scarce, but

We have Good Supplies in all lines

and invite your trial of our service NOW. Compare the way we fill your orders under unfavorable conditions, with what other houses do. This is the real test. Make it now. Order of us today.

Carnations, Beauties, Roses, Violets, Valley, Greens

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

51 Wabash Ave. L. D. Phone Randolph 3619 CHICAGO

Price List

BEAUTIES	Per doz.
Long stems	$5.00
Stems 36 inches	4.00
Stems 30 inches	3.00
Stems 24 inches	2.50
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
	Per 100
Killarney	$6.00 to $15.00
Richmond	8.00 to 15.00
Maid	5.00 to 12.00
Bride	6.00 to 15.00
Mrs. Field	4.00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common	2.00
Fancy	3.00 to 4.00
MISCELLANEOUS STOCK	
Violets, double	.75 to 1.00
" single	.75
Sweet Peas, fancy	1.00 to 1.50
Jonquils	4.00
Tulips	4.00
Valley	3.00 to 4.00
Easter Lilies, per doz., $2.00	15.00
Callas " " 2.00	
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Freesias	4.00
GREENS	
Asparagus Plumosus, per string	.60 to .75
" " " bunch	.35 to .50
" Sprengeri, per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Smilax, per doz., $2.00	15.00
Ferns, per 1000, 2.00	.25
Galax " 1.00	.15
Leucothoe	.75
Mexican Ivy, per 1000, $9.00; per 100, $1.00	

Subject to Market Changes.

There is Nothing You May Want we Haven't Got

Quality is A No. 1. We always bill all shipments at market rates. Order of us and we certainly will give you good value.

Carnations, Roses, Violets, Valley, Bulb Stock, Greens, Wild Smilax.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

48-50 Wabash Avenue, CHICAGO

A FINE CROP OF CHOICE BEAUTIES

Price List

Beauties	Doz.	Beauties	Doz.
Extra long	$5.00	18-inch stem	$2.00
30-inch stem	4.00	15-inch stem	1.50
24-inch stem	3.00	12-inch stem	1.25
20-inch stem	2.50	Short stem	1.00

	Per 100		Per 100
Richmond	$6.00 to $12 00	Bride	$6.00 to $12.00
Killarney	6.00 to 12.00	Maid	6.00 to 12.00
Chatenay	6.00 to 12.00	Ivory	6.00 to 12.00
Field	6 00 to 12.00	Sunrise	6.00 to 12.00
My Maryland	6.00 to 12.00	Gate	6.00 to 12.00
Uncle John	6.00 to 12.00	Perle	6.00 to 12.00

Roses, Our Selection.....$5.00 per 100

	Per 100
Carnations	$2.50 to $ 4.00
Harrisii	15.00
Valley	4.00
Violets	1.00
Adiantum	1.00
Asparagus, per bunch,	$0.50
Ferns, per 1000,	2.00

Peter Reinberg, 35 Randolph Street, CHICAGO

Easter Lilies

Buy direct of the grower and get fresh stock.

A great scarcity of roses has been caused by the severe stormy weather. Try our Easter Lilies, they are the best funeral flowers. We are cutting an average of 500 Lilies per day. They are all from the Formosa Lily Bulbs and have large, heavy petals to the flowers and long stems with fine foliage. We are selling them at $12.00 per 100 or $2.00 per dozen.

PRICE LIST

American Beauties	Per doz.
36 inch and over	$5.00
24 to 30 inch	$3.00 to 4.00
20 inch	2.00
15 to 18 inch	1.50
8 to 12 inch	1.00

Killarney, White Killarney and Bride	Per 100
Extra select	$12.00
Good lengths	$8.00 to 10.00
Medium lengths	6.00
Good short lengths	4.00 to 5.00

Richmond, Maids and Perles	
Long and select	10.00
Medium	6.00 to 8.00
Good short	4.00
Tulips	4.00

Carnations	Per 100
Extra fancy Red Bassett	$ 4.00
Extra fancy White Enchantress	4.00
Fancy Enchantress and Winsor	4.00

MISCELLANEOUS

Easter Lilies, per doz., $2.00	12.00
Lily of the Valley	$3.00 to 5.00
Asparagus, per string, $0.60	
" Sprays	2.00 to 3.00
Sprengeri	2.00 to 3.00
Ferns, per 1000, $2.00	
Smilax, per doz	2.00
Adiantum	1.00
Galax, Green, per 1000, $1.00	
" Bronze, "	1.00

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

U KNOW US! **LET'S KNOW U!**

There's many a time when you want a line
On the latest Florists' Supplies;
Folks ask something new, 'tis sad but too true
And ofttimes puzzles the wise.
To one in a fog, the Rice Kat-a-log
Is sunshine after tears;
So do not delay, just write us straightway
For the best in floral ideas.

Ribbon Specialists
The Leading Florists' Supply House
Importers—Manufacturers—Originators

M. RICE & CO.
1220 Race St.
PHILADELPHIA, PA.

Sparkling Dewdrop MALINE

is **only one** of our recent creations.

This attractive material is especially effective for bridal and debutante bouquets, basket, plant and table decorating.

Samples upon request.

Wertheimer Bros.
The National Floral Ribbon House
550 Broadway, NEW YORK CITY

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved **WREATHS, MOSS WREATHS** and **METALLIC DESIGNS.**

L. BAUMANN & CO.
359 W. Chicago Ave., CHICAGO

JOS. G. NEIDINGER
1513-15 Germantown Avenue, PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WheatSheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

H. D. MANN CO.
Chiffons, Ribbons, Silk Cords,
Violet Ties, Brass and Silver
Fern Dishes and Jardinieres
A Full Line of Florists' Supplies
105 Canal St., SYRACUSE, N. Y

Jan. 20 Fill in your name and mail us this blank.

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

.....Name

.....Address

Lion & Company

Manufacturers of the Colonial Brand of

RIBBONS and CHIFFONS

114-116 Spring St., New York

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

THE BRIDE'S BOUQUET.

There is nothing in the line of flower arrangements which is so severe a tax on the average florist's abilities as the making of the bride's bouquet. In the big city stores there is enough of this work so that the maker-up, who is an expert to begin with, gets enough practice to "keep his hand in" all the time, but with the florist in the provincial city wedding bunches are not made every day, and when an order comes along it calls for the exercise of the florist's best efforts, and is the cause of much perturbation.

Too often the unpracticed designer makes the wedding bouquet of valley too closely set, so that it has a bunchy effect. It should be wired so that it can be made up loosely, as in the accompanying illustration, which shows a bride's bouquet of valley and adiantum made by Mrs. N. Updyke, manager of the Galveston Floral Co., Galveston, Tex.

RETAIL DESIGN CATALOGUES.

A retail florist writes the REVIEW: "After using for a number of years the regular stock catalogue which most florists use, our business has grown to the point where we believe it will be more expedient and profitable to publish a book of designs and floral arrangements which are more adapted to our particular territory as regards prices listed and also nearer our own ideals of style and quality. We intend to make up a book from photographs of our own work and put in just such printed matter as is adapted to our trade, and in the manner we would like.

"The book will be quite expensive, but we believe in time it will pay out. What we want is the advice of some of our brother florists who have been there before, in regard to some of the small points in making up a catalogue of this character. It would be better to know in advance than to find out too late.

"Any information or points, no matter how small, will be appreciated."

The REVIEW will be glad to publish, for the benefit of all who may be similarly situated, any suggestions its readers may care to offer.

SHARING THE PROFITS.

A retail florist in a prosperous Ohio city sends the REVIEW the following:

"I note with interest the suggestion in the REVIEW of January 13 that February 12 be made Rose day in honor of Abraham Lincoln, and write to ask: What is the use? The retailer spends his time and money trying to create a demand for certain flowers and, just as soon as he calls upon his wholesaler or grower for a slightly larger order than usual, he finds the price advanced from fifty to 100 per cent. High-grade Lawson carnations are offered me at $3 per hundred this week, but in ten days the price on this same grade of stock will be $5 per hundred, just because of the slightly larger demand created by the half-hearted observation of McKinley's birthday. If carnations could be retailed at 5 cents each January 29 the custom would have become extremely popular, of wearing a carnation in honor of McKinley, but I have seen literally hundreds of men refuse to pay more for a flower for their buttonhole.

"I for one shall spend no money trying to popularize a custom which only advances the price I have to pay for stock."

The REVIEW agrees with the correspondent in so far as it deprecates any attempt to advance prices because of an as yet undeveloped demand. But the REVIEW does not agree with the policy of any retailer who would quit pushing for trade simply because somebody else shares in the profit. The law of supply and demand still is supreme in the wholesale cut flower markets. Stock brings, not what the grower or wholesaler thinks it is worth, but what the buyers will pay for it. Naturally, the wholesaler tries to get all he consistently can—and so does the retailer, for that matter—but in the flower business the retailer must have an outlet for stock before the wholesaler has an outlet; in other words, the prosperity of the wholesale branch of the business follows the prosperity in the retail branch. The retailer gets his first, every time, or thinks he is going to, which amounts to the same thing.



The Bride's Bouquet.

THEY LIKED IT.

In common with a good many others, a certain florist of the old school was reluctant to "dun" his customers; he was afraid he would give offense and so lose trade. As a result, his efforts at collection went no farther than sending an annual statement.

At length the estimable gentleman fell ill and a younger man had to assume the cares of the financial end of the business. He found plenty of money on the books, but little in the bank. Arguing that they would be little worse off without patronage than they would be with patronage that didn't pay, he set about getting the money in.

The statement bringing in only a few, a polite note was sent, followed by personal calls, several of them where necessary, always pleasant, but unmistakably for the purpose of getting the check or information as to when it would be ready. Progress was steady, but got slower after a while. Finally a notorious delinquent was selected and suit was brought. It got into the local paper. Then for a time collections were easier. But in the end some score or more accounts were turned over to a justice of the peace, among them claims against some of the best known people in the town.

"And do you think they stopped buying? Not a bit of it," says the florist. "They actually seemed to like it. Business is better than ever and there is cash enough on hand to swing it."

TROUBLESOME PROBLEMS.

Covering an Unsightly Wall.

From time to time little annoyances and problems occur and recur, to puzzle and often to annoy and embarrass, and they are not settled by reason of lack of time or means. These unfinished and avoided things make us uncomfortable and dissatisfied, while, if attacked one by one in a determined manner, they could be dispatched for good and all.

In an otherwise tasteful store some one unsightly corner is enough to spoil it all. One thing often seen in stores is a blank wall. Quite often it is a wooden partition, a thing which has been made of matched boards and painted white in some remote age, and to call it gray would now be a scandal to the color. This is never an inviting background for decorations, yet the sensible impulse is to cover it if possible. To secure a reasonably good background, cover the wall with burlap in some neutral color to blend with the other coloring of the room, and have it planned by a good interior decorator.

A Series of Decorations.

Having thus got fairly well started, plan a series of decorations according to the season of the year and the material at hand for local occasions. Show customers how you propose to do it for them in your best style, without damaging the wall with tacks and nail holes. Have an object lesson in decorating always in sight. After Thanksgiving begin a Christmas series of garlanding, wreathing and various combinations and designs, Christmas tree decorations, etc. Soon afterward will come ideas for Valentine's day and Washington's birthday, with their several opportunities of educating the public to your highest standard.

You can often see such a place beautified by a set of mirrors placed per-

manently in the wall, but it seems to be the most profitable to reserve the space for actual demonstrations, to be changed frequently. Such a wall space has been decorated beautifully as a solid bark panel, with irregular projections, such as shelves for plants, baskets and other rustic receptacles for flowers. Wall cases can be made attractive on such a space, but it seems that actual demonstrations are the best.

Unused and Neglected Materials.

Here is another hydra-headed problem, bobbing up serenely—not. We grow fond of using some one or more accessory materials with flowers or plants, and often need to renew the stock, while some other material, which has never happened to be our fad, lies neglected, and some day we wake up to the fact that we ought to get our money out of this material, at least, to say nothing of using it in a self-respecting manner. For example, I may develop a fondness for chiffons and ribbons, and neglect to find a use for a large stock of cords. Here is the proposition—to use that stock of cords sensibly and even artistically. Why don't I make a pillow sometime and edge it with the heavy white, lavender or pink cord, knotting it at one corner like the finish I have seen many times on a cushion? Or why don't I tie a full cluster of chiffon with a cord on the stem of a casket bouquet? Or why don't I, when there is a surplus of green, have a drapery background for a window or in the front of the store and use my cord in that? Then, again, I might tie a spray on a solid pillow or wreath with a cord or cluster of cords, or use the finer ones for a shower bouquet, as a change from ribbons? Or I might do a dozen or so other things, just so I do not go cord crazy.

The Sentimental Customer.

There are still a few sentimental people left in this cold, materialistic world, and they occasionally are found searching for a flower to express what their command of English fails to do, and your salesman will be requested confidentially to select a flower which shall express certain tender feelings. Nine times out of ten the busy man does not know, but if he understands his flowers he will advise his customer to look over the stock of roses or other flowers, and will point out the various characters represented among them. One flower, it will be noticed, is modest; another holds its head proudly; another is coquettish or inquisitive or wistful. There is some expression about each one of them, even in the weary droop of a limp stem in cloudy weather.

Many men—and women, too—must admit to themselves that their knowledge of color is limited, and their natural sense of color is not sufficiently strong to insure them against blunders which their more critical customers will be apt to detect. The answer is one which cannot be avoided: Become as little children and take lessons.

Color Combinations.

Learn to mix paints and to analyze color in any flower which comes to hand, for no flower is purely one color, but composed of a combination of few or many. Find traces of the tints which tell what kind of a white flower you are looking at. Every so-called white flower has a tint of some color in it; it may be yellow, which is commonly called cream; it may be a trace of red, which, when diluted as here in the white flower, is called pink; it may be an admixture of violet, which, when reduced to a weak strain, is called lavender. Now, whatever tint that is, it will give a clue as to what other color that particular white will combine with best, which will be its own original color or its opposite color in the primal order of the color circle. For instance, how restful and pleasing is a dark violet with a delicately tinted lavender-white sweet pea! How soft and perfect is the combination of a deep orange marigold with a creamy white one! And so on with an innumerable host of examples which we can search out for ourselves.

Gertrude Blair.



GUDE'S

American Beauty Roses

ARE THE FINEST SPECIMENS of this Beautiful Rose ever seen south of New York.

Lovers of flowers appreciate the Gude Perfection, seen only in this queen of flowers.

Gude's American Beauty Roses have attained a world-wide fame for size, beauty, and fragrance

Acres of Greenhouses Required to Supply the Demand for Gude's Flowers.

Following in the train of the unrivaled American Beauty Rose comes Orchids, Gardenias, Camelias, Violets, Lilies of the Valley, and Carnations, and other flowers, together with potted Ferns and Palms of many species.

Gude's Floral Decorations for All Occasions

GUDE'S artistic decorative ability is well known. No matter whether you desire a modest tribute of respect, or the most elaborate table decorations, if the order is placed with GUDE you can rest assured that the result will prove satisfactory in the extreme

This firm ships flowers to far parts of the United States, and invariably has them arrive on time and in prime condition.

GUDE BROS. CO., Florists, 1214 F Street

Phone M. 4278

Example of Dignified Advertising by a Retail Florist.

RETAILERS' ADVERTISING.

In most of the principal cities the leading retailers are finding by experience that newspaper advertising is as great a power for the increase of the flower business as it is in other lines of merchandising. Indeed, it is the stores which employ the highest art in their work that find advertising of the greatest benefit. The day has gone by when a florist aspiring to do a large business can get along without the use of the daily newspaper.

The accompanying illustration shows the style of advertising which is being employed effectively by Gude Bros. Co., Washington, D. C. This firm caters to the best trade at the national capital. The old idea was that newspaper advertising cheapened the reputation of the first-class retail florist who employed it, and this might be true if the offers were always along the lines of the special sales at department store prices, but where the advertising is dignified in character it is found that it increases the prestige of the florist. In other words, purchasers would rather send flowers bearing the name made familiar by high class advertising than to send flowers carrying the name of a little known florist, no matter how good his work might be.

TROUBLE WITH SWEET PEAS.

What is the matter with my sweet peas, a sample of which I enclose? They grow all right to this size, then begin to die at the roots. They are grown on a raised bench in seven inches of good, rich soil, with six feet of head-room. They get plenty of water. The temperature of the house is from 40 to 50 degrees at night and 60 to 70 degrees in the daytime.

H. G. S.

Judging from the appearance of the vine received, I should say that your seeds have been sown too thickly. The majority of growers use a pound of seed where an ounce would have sufficed. You have a good depth of soil and a fair amount of head-room, but not sufficient for vigorous vines. Either sow your seeds in flats and transplant singly four inches apart, or, if you want to sow in drills, thin out to that distance apart. It is impossible to prevent this drying out among overcrowded seedlings. Either plant thinly, the best plan, or thin severely. Your temperatures should suit sweet peas well; 45 to 48 degrees at night in the early stages and 48 to 50 degrees when in flower are about right.

C. W.

Lowell, Mass.—John C. Meyer & Co., the manufacturers of Silkoline, are sending the trade a neat calendar reproducing a Christy girl.

Short Hills, N. J.—Fire did $2,500 damage January 11 at the greenhouses of Thomas Jones. The blaze originated in the boiler room.

Geraniums

WINTER FLOWERING GERANIUM

Geraniums Never Unseasonable.

In spite of the striking advance made in cannas and other flowering bedding plants, there has been no lessening in the popularity of geraniums, which could be less easily spared than any other plant for summer bedding. It is seldom that specialists in geraniums have much of a surplus at the end of the season, and the person who grows a selection of reliable and up-to-date varieties in quantity can more readily dispose of them than any other plants. Looking back even a couple of decades, a notable advance in the zonal section is apparent. Some of the old-timers still remain and will be hard to displace, but each year the new European introductions of Lemoine, Cannell, Bruant, Rozain-Boucharlat and other specialists give us some glorious varieties. All may not be adaptable for bedding purposes, but for pot culture what can be finer?

It would almost seem as if the culture of geraniums for winter flowering was something of a lost art, as so few of them are seen of late years. Signs of an awakened interest are manifesting themselves and they are destined to become as popular during midwinter as they now are in May.

A well flowered 6-inch pot of Jacquerie, Paul Crampel, Emile Zola or Maxime Kovalevski will take the average purchaser's eye quicker than the omnipresent azaleas, poinsettias, Lorraine begonias or cyclamens for Christmas. With the passing of this holiday, poinsettias and Lorraines rather pall upon us, but geraniums are never unseasonable, being as serviceable in the hottest as in the coldest months, and with a reasonable amount of care will give as lasting pleasure as any other flowering plant and more than most. For the country florist doing considerable retail trade, there is a splendid chance to grow and dispose of many of these in winter as well as in early summer. I have noted that where well flowered plants were placed on sale alongside of other winter blooming subjects, the geraniums have always been eagerly snapped up, for who is there who does not like these plants when well grown and flowered?

Starting the Winter Stock.

For any who may wish to try their luck with them another season, cuttings should be taken in late January or early February. Use a 2-inch pot for each. This is far more satisfactory than the cutting bench. Instead of clear sand, use loam lightened with a dash of leaf-mold and sufficient sharp sand to make it porous. If the pots can be stood on a bench over heating pipes to give them a little bottom heat, they will root all the more speedily. They want no shade. After the initial watering, they should be allowed to dry out well before being soaked again. Not over five per cent of the cuttings should fail to root.

Shift along into 3-inch, 4-inch and 6-inch pots as required, cutting out the leaf-mold and using good fibrous loam, to which some spent mushroom manure or old cow manure, with a little fine bone, is added. As a rule, 6-inch pots are the best size to flower the plants in. They bloom better when well matted with roots. During the summer months they can be stood outside if desired, but I find they do more satisfactorily if kept under glass all the time. Pinching to keep the plants shapely will be necessary. If wanted for Christmas blooming, this must be discontinued at the end of September. All flower trusses should be removed until six or eight weeks before they are wanted in full bloom. Some varieties of a naturally stocky habit, such as Scaramouche, Emile Zola, Reformator and Ian Maclaren, will not require much pinching, while, on the other hand, such varieties as The Sirdar, Jacquerie, Maxime Kovalevski, Pamela and J. M. Barrie will require considerable.

Feeding and Watering.

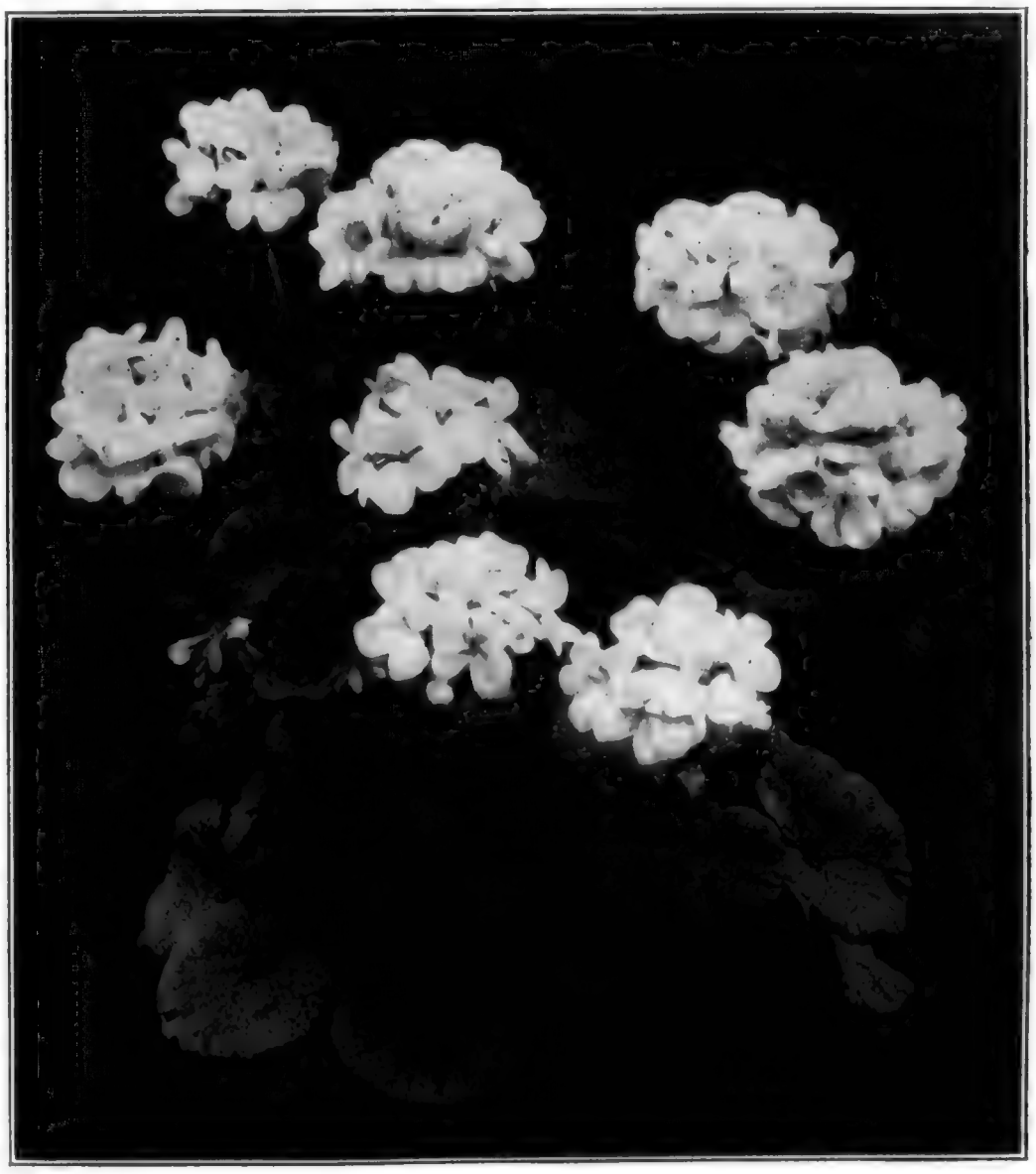
When the flowering pots are well filled with roots, feeding should commence and continue right up to the end of the flowering season. Liquid animal manures promote too soft and flabby a growth and are not conducive to floriferousness. The safest and best fertilizers are Bon Arbor No. 1 and Clay's fertilizer. The latter is an old, reliable sort, which gives splendid results. A common error, and one often responsible for geraniums blooming poorly while growing strongly, is keeping them too constantly moist at the root. Even while in flower it is best to allow them to dry out well between the waterings. This hardens the wood and promotes floriferousness, while when constantly damp they make a rank, soft growth and flower unsatisfactorily.

A cool, sunny house, with abundant ventilation, is best for the plants in summer. While flowering, a rather dry atmosphere and a night temperature of 50 degrees suits them well. A light shade may be necessary when the plants are in flower, more especially in the southern states.

As a general thing, the single flowering sorts are much to be preferred to the doubles for winter flowering. They bloom much more profusely and visitors in nearly every case select them in preference to the best doubles. If to be shipped considerable distances, doubles may be more desirable, but not otherwise.

Some Suitable Varieties.

The following varieties are all strictly first-class and make excellent pot plants: Lucile Hill, light salmon rose, big trusses, carried on long stems, flowers closely packed in the trusses; Louis Renault, a good Lemoine variety, dwarf habit,



Geranium L'Aube.



Geranium Emile Zola.

orange-scarlet trusses of large size; Marcellin Berthelot, bright scarlet, nice dwarf habit, should make an ideal bedder; Jeanne Gazin, beautiful clear rose color, vigorous, its heavy trusses carried on long, stiff stems well above the foliage, should make a superb bedding variety when better known; Scaramouche, makes an ideal pot plant, dwarf and compact, color a glorious rich salmon shaded with copper, a color everyone admires, one of the best of the new varieties; Sydney, one of Cannell's English round-flowered varieties, the largest florets of any, soft pink of perfect symmetry; Lucania, another Cannell's variety, immense trusses of large flowers, cerise shaded orange with light eye; Pamela, also sent out by Cannell, extremely vigorous and needs a lot of pinching, color crimson lake with white eye, big trusses carried on strong stems; Juste Oliver, the big trusses have a peculiar mixture of colors, purplish carmine with upper petals light red, fine under sunlight; Jacquerie, still hard to beat either for bedding or as a pot plant, its rich crimson scarlet trusses rivet anyone's attention; Richmond Beauty, an old reliable sort, scarlet with a white eye, very floriferous; Maxime Kovalevski, splendid trusses of brilliant orange red flowers, makes a superb pot plant; J. M. Barrie, salmon rose, large perfect flowers of the English round-flowered type; Duke of Bedford, makes a fine pot plant, huge trusses of crimson scarlet flowers with white eyes, the individual florets are two and one-half to three inches in diameter; Cannell's Crimson Bedder, immense heads of crimson scarlet flowers; Reformator, dwarf and floriferous, color bright scarlet, an ideal habit for a bedding variety; L'Aube, pure white, one of the best of its color; Paul Crampel, equally fine for pots or bedding, its dazzling scarlet color makes it fine for Christmas, it is easily possible to have plants in 6-inch pots carrying a dozen flower heads at a time; Prince Olaf, a splendid rosy pink, large trusses; Emile Zola, Lemoine's finest introduction, rich salmon pink, makes a superb pot plant, big trusses which hardly seem to shake out at all, if restricted to one variety for winter blooming it would be Zola; Ian Maclaren, same habit as Zola, trusses similar in form, color salmon pink in center of florets, fading out to delicate peach pink at outer edges of petals; The Sirdar, strong grower, brilliant scarlet with white eye; Mrs. Brown Potter, grand, clear rosy pink.

If restricted to six of the foregoing varieties, my choice would be Emile Zola, Paul Crampel, Ian Maclaren, Jacquerie, Scaramouche and Maxime Kovalevski.

The plants illustrated were in 6-inch pots and photographed during Christmas week, 1909. The double variety, included by way of contrast, is Queenswood, a pleasing shade of delicate salmon mottled with white. W. N. Craig.

Buffalo, N. Y.—Edgar J. Spiess has opened a new store at 211 Genesee street. Mr. Spiess grows his own stock.

ASTERS FOR MEMORIAL DAY.

Permit me to offer some words of encouragement to P. G. C., who wishes to grow asters for Memorial day, and whose inquiry on the subject appeared in a recent issue of the Review. Don't be discouraged. You can have beautiful asters for Memorial day if you will avail yourself of the suggestions given by G. J. Benedict in the Review of January 28, 1909, page 80. Mr. Benedict says:

"For the benefit of my brother florists, I wish to offer a bit of information regarding an early variety of aster which I tried last season, called Dawn of Day. I found the variety catalogued by W. W. Rawson & Co., of Boston, Mass., who claimed for it the earliest record given to any variety of aster—that it would bloom by June 15. So I thought I would see what could be done with it. I sowed my seed by February 15 and flatted the plants as soon as possible. I also potted a few, which proved still earlier in blooming. I had elegant blooms to cut by early May, and, according to my records, I had cut asters to tie up for funeral work by May 9, 1908. At Decoration day, 1908, I had elegant asters to cut, which sold well.

"By planting this strain out in a good coldframe as early as the frame can be prepared, one could have a bed full for Decoration day that would bring in many long sought dollars. The blooms are about the size of Boston Market and perfect in shape, with stems eighteen to twenty inches long. With good treatment and plenty of feed, the Dawn of Day aster is a prize which never in my experience has been equaled or even heard of. I shall grow more of them this season, as they come in when it is hard to get blooms of anything except roses and carnations.

"The Dawn of Day needs to be grown quite near the glass in its young stage, as its early habit of growth causes it to want to go into a single flower stem if left on too low a bench.

"Anyone trying this strain of aster will never regret it. The flowers are pure



Geranium Scaramouche.



Geranium Queenswood.

white and the plants keep blooming a long time. I hope anyone who wants early asters will try this variety.''

Now, ''the proof of the pudding is in the eating of it.'' I followed Mr. Benedict's instructions and was well repaid for doing so. As Decoration day drew near I found that I was short on white geraniums, but my asters were coming finely. For the geraniums, therefore, I substituted beautiful, snow-white asters and these were all sold quickly except a few that were in bud. Each stalk produced from four to six flowers. I planted them at intervals and had Dawn of Day asters all the season. I would advise, however, that the seed be planted one week earlier than Mr. Benedict directs. Keep the young plants near the glass, as Mr. Benedict says.

In regard to the REVIEW, I do not know how we could get along without it. Our plan is to file all the papers in the order of their publication, marking any special subject with a book-mark, and thus we always have a ready instructor at hand. A. O. NYSEWANDER.

THAT TAX ON GROWING STOCK.

A local newspaper at Natick, Mass., has the following to say of the attempt now being made in that state to tax the growing stock in greenhouse benches:

''The tax commissioners have issued orders to tax the florists for growing plants. This seriously affects Natick flower growers. This week tax bills have been sent to the several growers and naturally enough they are indignant and declare they will not pay the same. We sympathize with them and would fight the cause in the legislature before we would pay it. It appears unjust and unwarranted. The florists today pay their full quota of taxes one way or another. On May 1 each grower is assessed at the rate of the town tax or $22.40 on the $1,000. Here his long rows of glass houses, their heating apparatus, benches and land are all assessed to the limit, the same as any farmer's houses, cattle and land are assessed, and at the same rate. Now comes an extra tax, an unwarranted tax, a hardship tax, so to speak, in the month of December, making two tax levies a year. At this rate or by this method of doing business by the state, the assessors should visit every farm in Natick during the spring of the year and tax every field of cabbage, every hill of potatoes and corn; in fact, in order to be consistent with the flower growers' tax they should tax every green thing the land produces, even to grass from which hay is made and sold. There is just as much justice in this idea as in the method now adopted by the tax commissioners. The Natick assessors should not be censured for this new tax levy, they are carrying out the law. We can see, however, that they can have no knowledge of the value of the newly assessed material or substance, since there is really no value in it until it is producing. The whole idea is wrong and singles a certain industry for double taxation which is already, as we stated above, taxed the limit. There is a strong organization of flower growers who will no doubt have this matter handled ably before the legislature and the tax commission and we have no doubt the injustice of the affair will be straightened out satisfactorily.''

PLANTS FOR SMALL HOUSE.

I can grow more than I want for my own trade. Could you tell me what would be the most profitable flowers for me to grow under glass in a house 10x28 for summer or winter? I have quite a piece of ground that I can put to flowers during the spring. What would be the best kind to set out that would be good bloomers and for cutting? I can sell quite a number of flowers in the summer.

S. B.

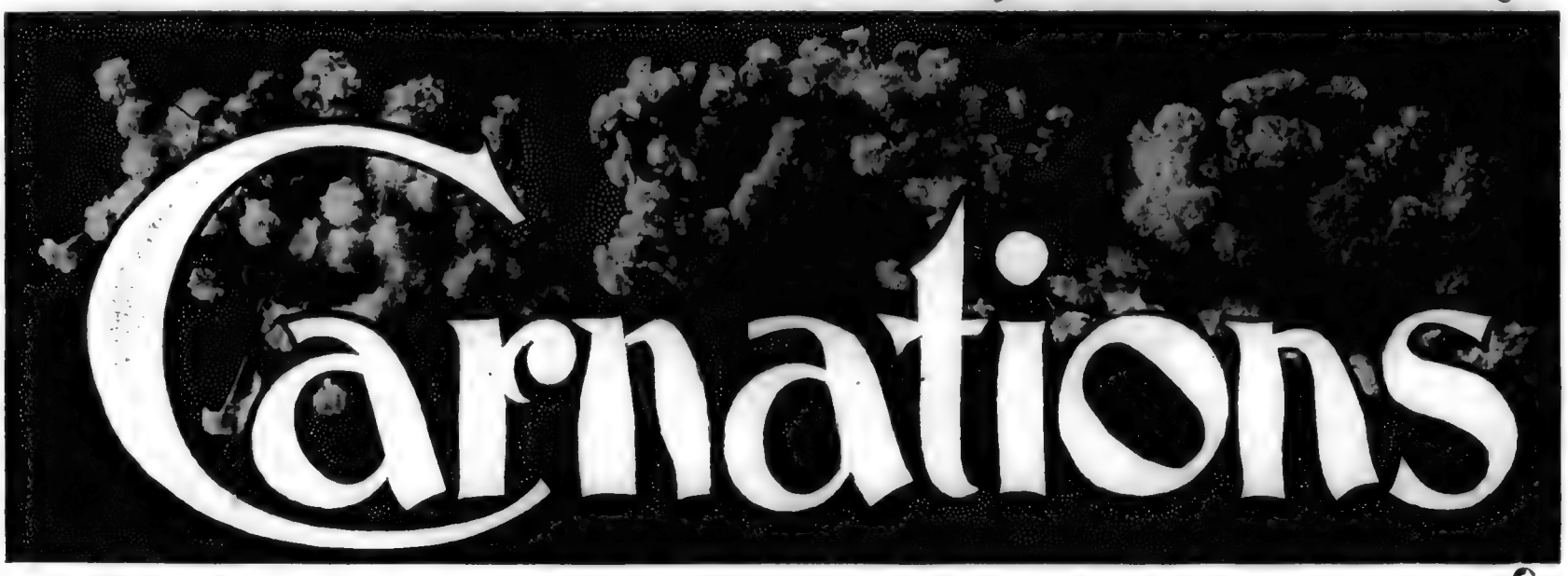
Violets in winter and bedding plants to follow them would be the best use you could make of your house. It is too small for carnations or roses, but could be devoted entirely to bedding plants, such as geraniums, if you have sufficient local call for them. As profitable outdoor flowers, which ship well and are popular, the leaders are sweet peas, asters and gladioli. To these might be added white candytuft, Gypsophila paniculata, hardy phloxes, montbretias, Spanish and German iris, Pyrethrum roseum, Anemone Japonica alba and quite a variety of other perennials and annuals. The first three flowers named, sweet peas, gladioli and asters, are, however, the best if you want to restrict yourself to a few sorts.

C. W.

RICHMOND, KY.—John Christman, Jr., has purchased the Richmond Greenhouses from the widow of the former owner, Albert Richfar. Mr. Christman is a son of the John Christman who is in the florists' business at Paris, Ky.



Geranium Mrs. Brown Potter.



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Care of New Arrivals.

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It is our practice, when possible, to purchase cuttings unrooted, by this means eliminating the chances of injury to delicate roots. Besides, it is our experience that a variety becomes acclimatized sooner under home propagation. This is not at all surprising when we consider the fact, known to all growers, that plants propagated and grown in one's own establishment almost invariably give the best results.

Rooted cuttings boxed and sent on a journey lasting from two to five days are apt to be a little soft and, when potted, are more inclined to wilt than those taken from the sand and potted at once. This inclination is, of course, partly due to the necessary handling already alluded to.

Potting the Cuttings.

We must be particular to have the potting soil in ideal condition as regards moisture. If too dry, the cuttings' supply of sap is quickly depleted; if too wet, the operation of potting transforms the soil into a pasty mass, in which the delicate roots cannot thrive. Let the first watering be scant rather than liberal, and by all means provide clean drainage material on which to stand the pots.

Having, as stated, a tendency to wilt quickly, these young plants will need careful shading and ample protection from drafts.

In a shipment of rooted cuttings we sometimes find a number which were either behind the others in emitting roots, or the roots have been torn off. These are set aside when potting and are allowed to stand on the sand in the propagating bench for a week, where the gentle bottom heat generally brings them along to keep pace with the rest.

Wilting is not always to be remedied by applying water to the soil or spraying overhead. Many times a light covering with paper is all that is needed.

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Dusting with tobacco powder, and fumigating with fumes from burning tobacco powder or the prepared nicotine papers, are other methods of extermination in use.

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There are a few plants similarly affected in one of our other houses, but this particular bed is nearly all affected. However, five other beds in the same house are comparatively free from the trouble. Would you think it was caused by overfeeding?

H. E. M.

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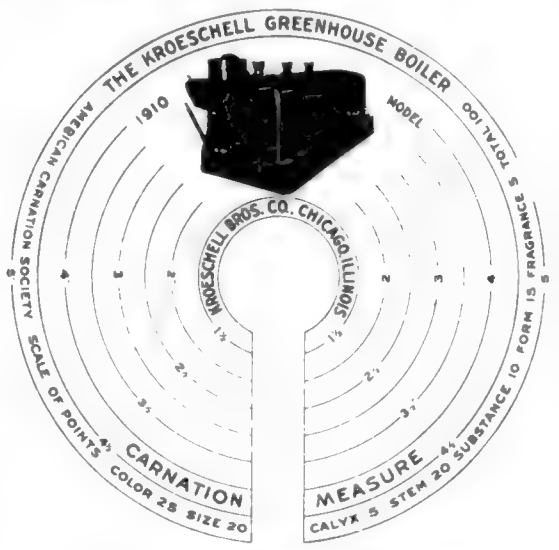
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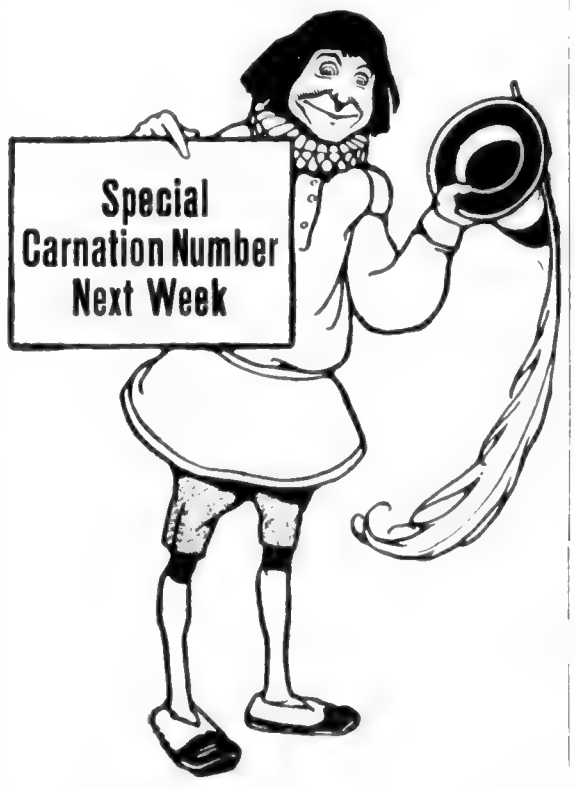
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WHITE KILLARNEY.

We can all see that the White Killarney rose is a growing favorite. It has had an excellent demand so far, and undoubtedly the demand will increase as the rose becomes more widely known. We think it superior to the Bride in most respects. It is much more prolific of salable flowers. The stems on the Bride, during dark weather, are very weak and make the blooms unsalable, while the White Killarney may go through a great deal of dark weather and still have good, stiff stems. It also saves a great deal of time and labor, as it needs little tying and it is not so subject to mildew. During the hot days of May and June the flowers on the Bride are inclined to get small, but on the Killarney it is just the other way, as the flowers seem to increase in size. In fact, it is an ideal rose for the entire year.

Here at our establishment we have only one house of White Killarney, but they have done so well that we intend to have several houses next year. At the time the houses were planted, which was early in July, the plants were all growing vigorously in 4-inch pots. Near the middle of August, as I remember, we gave them a light mulch of shredded cattle manure and then again about the middle of September. During the months of October and November they received a liquid dressing once a week. On December 1, the plants were given another mulch. We do not believe that a liquid dressing is good for the plants during dark weather, as it is too strong and there is danger of overfeeding. A good heavy mulch applied about December 1 will keep them well fed during the dark weather and there is little danger of their being overfed.

We have in this house one solid tile bottom bench and a raised bench and at all times the plants on the raised bench have shown more vigor. So it is easily seen that this rose wants bottom heat. The house is carried at a temperature of 60 to 62 degrees at night.

It is always a serious problem with the growers to know whether they are going to have their crops in for Christmas and Easter. I can safely say that this is a rose that we do not need to worry about, for by pinching it at the right time it can be brought into bloom just before Christmas. By pinching I do not mean to just nip the bud off, for with this rose, in order to get a clean break, it is necessary to cut off the stem down to the first leaf showing five subdivisions; and even then the shoots will spring up from the eyes below, so in order to obtain a clean stem it is necessary to take all these shoots off.

We find that the average flowering stem, before it is pinched, grows to about twenty inches. After it is pinched the new shoot grows to about the same length. So, by this method of pinching, you can get a stem thirty-six to forty inches for the holidays. By pinching from October 20 to 25, you will have no trouble at all in having your crops in for Christmas. W. J. VESEY, JR.

TEMPERATURE FOR KAISERIN.

Will you please tell me what temperature is best for Kaiserin roses that have just been potted from the sand bed? E. J. S.

Kaiserin cuttings from the sand should, after being potted, be put in a house with a night temperature of 56 to 58 degrees and should be shaded for a few days from bright sunshine, until the roots begin to work. RIBES.

TIME TO FLOWER BULBS.

Can you tell me at what time Lilium Harrisii will come into flower if brought in at once, and also hyacinths, tulips and Paper Whites? They were potted and put outdoors the latter part of October. I set them on a bed of ashes about six inches deep and covered them with ashes about four inches deep, with a top mulch of leaves and branches. I have a house that is kept about 45 to 50 degrees and one that I can keep at about 60 to 70 degrees without forcing. W. G. B.

Lilium Harrisii, if just showing through the pots, will flower in about twelve weeks in an average night temperature of 60 degrees. It would be too late for Easter, unless at least six inches high now, in which case it should have your warmest house.

Hyacinths and tulips should be housed when they have growths at least two inches long. They are better kept dark for a few days at this season, to draw them up a little, but after February 10 can go into full light at once. Allow them each four weeks in a temperature of 60 to 70 degrees, or six weeks in your cooler house. A month later this time can be reduced a week or ten days.

The Paper Whites should not have been treated the same as the Dutch bulbs. They should be placed under a greenhouse bench or on a cellar floor after being planted, and do not need any covering at any stage of their growth. Three weeks in a warm house and four weeks in your cooler house will suffice for flowering them. C.

BERLIN, MASS.—A. L. Brewer is starting a greenhouse range with the erection of a fine, modern house, 34x125 feet.



AN ALL-THE-YEAR-ROUND CROP

Would you kindly give me a few hints on lily of the valley? I have never grown it before until this winter. I put 1,000 cold storage pips, for which I paid a fancy price, in a bench that I erected with slate bottoms, containing sand four inches deep, which I held at 65 to 70 degrees. They grew twelve to fourteen inches high and had plenty of foliage, but the flowers were so far apart on the stem that they did not bring much of a price. The first week I kept them dark, the next a little lighter. After that I took the shade off, except on sunny days. What could be wrong? The next 1,000 I put in about five weeks ago. It was new valley, kept frozen until then. My treatment was the same, only I kept them a little warmer, 70 to 75 degrees. It took them a good bit longer to start. They have a good flowering stem, but the flowers are still too far apart and they have little foliage. There must be also something wrong here. I would like you to help me out in this, as I do not want to give it up as a bad job. I would like to be able to cut 1,000 every week, as there is a good market for them here, but the valley must be good. What treatment would you give through the summer? Kindly give me details in growing it the year around, if it does not take too much space. M. B. S.

Your valley will come along quicker in winter if you give it a bottom heat as near 85 degrees as possible; 55 to 60 degrees is sufficient for top heat. I would prefer sand six inches deep, as it holds the heat longer and more steadily. One good watering each day suffices. Moisture must be afforded carefully after the flower buds appear. The more light is admitted the better the foliage will be. Some growers grow the small offsets purposely for foliage. With forced valley the flowers are usually somewhat wider apart on the flower stalks than when more naturally grown, viz., in full light under glass or outdoors.

Your treatment, apart from a deficiency in bottom heat, has been pretty nearly correct. It takes some time to master the exact requirements of valley, but you are evidently on the right track and will undoubtedly succeed. There is little use in



House of the New Begonia, Gloire de Cincinnati.

attempting to force new crop pips until the middle of January. They start slowly and more erratically than cold storage stock.

Later in the season the bottom heat can be materially reduced and in summer, of course, it is not needed at all. Fine valley can be grown in coldframes in spring and early summer; it comes with splendid foliage. During the warm months, unless you have convenient cold storage facilities—a temperature of 30 degrees is about right—it will be better to have supplies come at regular intervals, a case or two at a time, from some reliable firm specializing in cold storage valley.

The largest growers keep up a constant supply the year around and use the same house for this purpose. It should have the glass well shaded, except during winter. For foliage during the winter months, it will pay to grow a few pips in the light, or if you have any ordinary outdoor valley, put a clump in a brisk heat and full light every few days, and it will give you what foliage you require. If grown in full light when the weather is warmer, you will get abundant foliage, shorter stems and the flowers more close together. As a general thing, this is preferable to the pale and drawn stalks usually seen. C. W.

REMEDY FOR TAR FUMES.

In the REVIEW of January 13, page 12, under the head of "Bad Effects of Tar Fumes," J. S. & S. tell of the trouble that they have experienced on account of using tar on their bench lumber. If they will thoroughly paint all the tarred parts with a thick solution of clay and lime wash, I feel sure that the trouble will be greatly decreased. This was our experience twenty years ago. I shall be glad if this hint will afford any help to a fellow florist. CHARLES BLACK.

PETERSON'S NEWEST BEGONIAS.

J. A. Peterson, who long ago established a reputation by his success with Begonia Gloire de Lorraine, has chosen the name of his home city for a new variety which he now is growing in considerable quantity. Gloire de Cincinnati, or, to give it the English form of the name, Glory of Cincinnati, is a seedling from Begonia Socotrana. The accompanying illustration is from a photograph of a house of it made just before Christmas. Mr. Peterson thinks he has a winner in this variety and that in the course of time it will largely displace Gloire de Lorraine. The picture would indicate that it is fully as free flowering as Begonia Gloire de Lorraine, and the individual flowers are much larger. It is of a somewhat deeper shade of soft, satiny pink and the flowers are carried well above the foliage. It makes an extremely handsome plant in small pots, as well as in larger sizes. But what Mr. Peterson says is its strongest point is that it lasts longer in bloom under the average living-room conditions than any other begonia he ever has tried, and he has tested them all.

SEASONABLE SUGGESTIONS

Coreopsis Grandiflora.

Where a number of Coreopsis grandiflora were potted in the fall and have been kept in a cool pit until now, it is time to place a batch in heat for spring flowering. Do not coddle them; nothing warmer than the cool end of a carnation house should be given them. A florist who grew a number of these for Memorial day last year found them profitable. His procedure was to carry over plants in 6-inch pots, planting them in a bench about March 1. The quantity of flowers produced to a single plant is surprising, and as they have long stems they work in fine for bouquet work. Try a few plants another season and note how useful they will be.

Rhododendrons.

Rhododendrons have sold well at Easter during the last few years, choice new varieties like Pink Pearl especially so. It is still somewhat early to subject them to forcing—in fact, they are much better if not forced at all. Let them have 50 degrees at night, commencing eight weeks before Easter, and they will be in prime condition. Rhododendrons can be forced, but much of their beauty is destroyed by so doing. Grown and flowered comparatively cool, the trusses will last much better and the flowers will be of a decidedly brighter hue than where forced.

Lorraine Begonias.

The bulk of the Lorraine begonias will probably have been disposed of before this time. A sufficient stock should have been reserved for propagating purposes, and the present is an opportune time to take a good-sized batch of leaf cuttings. Plants from which the flowers were removed after Christmas, and which have been kept a little on the dry side since then, are the best to take leaves from. Always insert a portion of the leaf stalk

in the bench and allow the leaf to just touch the sand. If the sand is not sufficiently porous, it can be improved by the addition of some finely broken up charcoal. This also helps to keep it sweet. A brisk bottom heat, say 75 to 80 degrees, and 60 degrees overhead are suitable temperatures, and with protection from the sun, careful watering and the avoidance of drafts, few leaves should fail to root. From these early cuttings big, handsome plants can be grown for next Christmas.

There remain, of course, some months in which propagating can be done. By trimming off all flowers and cutting the plants back fairly well, then keeping them tolerably dry for a time and later starting them up again, a fine crop of young cuttings can be had. Nice little plants can be grown from stock placed in the cutting bench as late as the end of July.

Campanula Medium.

Easter comes so early this year that few Canterbury bells are likely to be seen in flower. They are, however, a salable plant if nicely grown at any time during the spring months. If not yet started, some of the plants potted late last fall should now be introduced to heat. They cannot tolerate hard forcing and the night temperature should not exceed 50 degrees. As the pots become filled with active roots, feed them liberally and they will well repay for any extra labor bestowed upon them. White and pink are the best selling colors and single varieties are decidedly preferable to double ones.

Dutch Bulbous Stock.

A batch of Golden Spur and other narcissi, also as many flats or pans of the various tulips as demand exists for, should be housed from time to time. The tulips will be better for some drawing up in the dark, but the various narcissi should not now require it. Examine the general lot of bulbous plants for forcing. Most of them probably appear moist, but if shaken out are dry. Given good drainage, there is far more danger from underwatering than from overwatering. For Easter sales, hyacinths, tulips and narcissi must be kept as cool as possible. They will not require starting before March 1. Do not subject tulips to bottom heat, or you will spoil them. They will stand hard forcing, but not at the root.

Erica Melanthera.

Cuttings of Erica melanthera root readily in an ordinary cutting bench, such as may be used for carnations or geraniums. Rub the cuttings off with a heel, as these root more quickly than those cut directly through with a knife at the bottom. Keep them well watered and few will fail to strike root. Place in 2-inch pots when ready and plant outdoors early in May, in an open, sunny spot where they can be watered and syringed during the summer months.

Lobelias.

The drooping lobelias, such as are used for window boxes or vases, are easily grown from seed sown early in February. Where a few old plants were lifted in the fall, of the compact growing sorts, like Emperor William, adaptable for edgings or carpetings, the present is a good time to take a good batch of cuttings, which will have been freely produced of late. Many of these can be taken off with roots attached, and a few weeks in the propagating bench will see them all fit for small pots or flats. If an extra large stock is desired, they can be pinched and the tops rooted, while the old stock plants will yield another crop a month hence.

Petunias.

Petunias make such rapid growth from seed that it is still a little early to start them, except in the case of the so-called double varieties. Only a small fraction of these will come double, no matter how expensive seed may be bought, but in every case the weakest ones are likely to be what we want. A common practice is to discard weak seedlings. In the case of petunias this policy will not pay, as but few doubles will appear. The best way to secure a good lot of doubles is from cuttings. If some old plants were carried over, they should now give plenty of cuttings and those rooted right away will grow into nice 4-inch pot plants for May sales.

Cleaning Foliage Plants.

January and February are months when there is usually more time to devote to general greenhouse work than at any other season in the year. Advantage should be taken of long spells of severe weather, when general work is well caught up, to overhaul and clean palms, crotons, dracænas and other foliage plants. In most cases clear water will be all that is needed. Where scale infests the foliage, use some whale oil soap in the water, or weak kerosene emulsion. It is always better, after sponging with any of these insecticides, to give the plants a thorough hosing with clear water. This helps to prevent any burning which may result from using too strong insecticides.

Seed Supplies.

Many seed catalogues are already to hand. The seedsmen always appreciate early orders, and growers who want to be sure of securing stocks before they are exhausted, as many are likely to be this year long before the selling season ends, should sit down and write out their list now. Try one or two novelties; not half of those offered will probably be any better than the older varieties, but one good new thing is a rich reward for the trial of many. Never buy the cheap mixtures. The best seed always pays for itself in the end. It may be quite a while before you want to sow some of the seeds, but you can get them speedily and with the vexatious delays of the spring season cut out, who would not take time by the forelock and do his seed ordering now?

Painting.

While winter is not the time when the woodwork is as dry as could be wished, there are few days when it is not dry enough to paint. Midwinter is a good time to go over houses or some portions of them which are in need of painting. It is not possible to do this work in structures where there are growing crops in benches, but in houses carrying a general line of pot plants, or between crops, it is possible to get over a good deal of indoor painting before the spring rush comes along. It pays to paint; not only does it preserve the wood, but it keeps the house free from drip, makes it neater and, best of all, lighter. There may be a quantity of hotbed sashes not now in use, and which are crying for a coat of white lead and oil. Get these under cover and, as time permits, paint them over.

BOSTON.

The Market.

Another blizzard reached us January 14 and, with a foot of additional snow, accompanied by a howling northeaster, business suffered temporarily. Fortunately, the snow was lighter than we had December 25, and damage was less. Now we are dug out once more, and business moves along quite serenely. On the whole, trade is quite good and shipments are cleaned up nicely, funeral orders calling for large quantities of flowers.

In roses some fine American Beauties are coming in; the best now bring $6 per dozen. Bride and Maid are the poorest sellers, and are likely to be dropped entirely here another year. Richmond sells well, as do both Killarney and White Killarney. Some good My Maryland are seen. It seems to be well liked, but as it needs a higher temperature than other roses in winter, is less profitable than others.

Carnations are none too abundant. Their quality leaves nothing to be desired. The various Enchantress shades, Beacon, Fenn, Melody, Winsor, Fair Maid, Queen, Helen Goddard and White Perfection are mostly in evidence, Pink Delight and May Day being the more popular novelties. Violets do not open fast and hold their price well. Some fine mignonette is seen, also extra good freesias. Rather more tulips are appearing, and Golden Spur narcissi are becoming more plentiful and sell well. Campernelles and Trumpet Majors are slower sellers. Paper Whites and Romans are still abundant, as is stevia. Some good wallflowers, pansies, sweet peas and snapdragons are coming in. Lilies and lily of the valley sell well.

In choicer flowers, Cattleya Trianæ is now in good supply and sells well. Cypripedium insigne is plentiful. A few dendrobiums of the Wardianum and nobile types are appearing. Gardenias of good quality are arriving, and are quite popular. Green stock of all kinds meets with a satisfactory sale.

Club Meeting.

The January meeting of the Gardeners' and Florists' Club always draws out the largest attendance of the year and the meeting January 18 proved no exception to this rule, many ladies being included in the audience. The newly elected officers were installed, all but the worthy treasurer, Edward Hatch, being in attendance. Each made brief and optimistic addresses. The lecturer of the evening was E. H. Wilson, of the Arnold Arboretum. Mr. Wilson's international fame attracted members from long distances and all were well repaid for attending. For about one and a half hours he kept them interested with a graphic description of his several Chinese trips. The vast mountain ranges, some of the peaks 21,000 feet high, with others not yet on the maps, but believed in some cases to equal the highest of the Himalayas; the difficulties and dangers to be encountered by the collector, and last, but not least, the marvelous vegetation of this wonderful region, as yet to a large extent unexplored, were each brought out realistically by means of numerous splendid lantern slides. After answering many questions, a rising and enthusiastic vote of thanks was tendered the lecturer.

There were, as usual, some good exhibits and the membership roll received a

good addition. It was announced that February 15 would be carnation night; S. J. Goddard has promised to open the discussion and many exhibits had already been promised. Tickets for the annual banquet January 27 were in good demand and indications are that the attendance at this annual function will far surpass that of a year ago. The sale of tickets will positively close January 25. The annual financial report of the treasurer showed receipts of the year to have been $820.35, with a substantial balance in the treasury. The secretary's report stated that the average attendance at the meetings for the year had been 162, the largest attendance being in January, 323. There were forty-six new members added during the year. The exhibits committee had made ninety awards, one report of highest merit, one report of superior merit, eleven reports of merit, nine honorable mentions and sixty-nine votes of thanks.

The president appointed a new committee on exhibits and entertainment, and refreshments were served as usual during the evening.

Various Notes.

Owing to the raging snow storm January 15, at Horticultural hall, there was a much smaller audience than usual to hear the lecture on the use of water in commercial gardening. January 22 Albert Taylor, of Ithaca, N. Y., will be heard on "A Study of Continental Landscape Gardening," with stereopticon illustrations.

E. J. Rogean, at Park Street Market No. 1, is agent for A. N. Pierson, of Cromwell, Conn., and is handling some of that firm's high grade roses.

D. S. Horrigan, of Foxboro, is as usual in the forefront of those bringing in marguerites, both yellow and white, of splendid quality.

William Nicholson has still the finest mignonette to be found in the local market, the spikes being simply immense.

After an exciting and stormy session, the New England Dahlia Society, Incorporated, elected these officers at Lorimer hall, Boston, January 12: President, H. W. Kendall, Newton; vice-president, E. B. Gill, Medford; secretary, L. M. Bates, West Bridgewater; treasurer, W. D. Moon, Lynn; executive committee, C. N. Bacon, East Boston; J. H. Flint, Salem; G. A. Rawson, Newton; N. Allen Lindsay, Marblehead, and T. H. Tyndale, Boston. The members of the rival organization, the New England Dahlia Society, were unable to elect any of its members, or the auditing committee. A motion to strike the name of H. F. Burt from the membership roll started a hot debate, and it was finally left to the executive committee for adjustment.

F. E. Palmer is a candidate for selectman for the town of Brookline, with an excellent chance of election.

The S. A. F. committee held a meeting at Horticultural hall January 15, the chief business being the schedule for the 1911 show.

The Park Street Flower Market will not hold any trade exhibition this season, but will reserve all its energies for the national show in March, 1911.

Sweet peas from W. B. Goodenow, of Stoughton, carrying 15-inch stems, are among the finest coming into the market at present. W. N. CRAIG.

BEAUMONT, TEX.—E. & J. Stedman are preparing to erect a greenhouse on their strawberry farm.

DETROIT.

The Market.

There was a good demand for white flowers last week at the commission houses, which is a sure sign that someone is doing considerable funeral work. With some of the stores business has been none too brisk, while others have been pretty well rushed all week.

We are having some exceedingly cold weather, followed by the heaviest snowfall in years, keeping many people indoors who otherwise might be buying flowers or plants.

Roses remain pretty well cleaned up. Carnations began to gather toward the latter part of last week, especially in the deeper colors. In order to relieve this situation many were disposed of as low as $10 per thousand to fakers and stores advertising special sales.

Spring flowers are popping up on all sides, and the people seem to welcome them with open arms. For a while it has been roses and carnations, but the people are getting tired of them. It is the same old story year in and year out. When the mum season opens up it is a pleasure to handle them, but as the season draws to a close, how we commence to wish they were over with! So it is with the bulbous flowers, with violets, with sweet peas and all flowers which have their seasons. Is it any wonder then that we, or our customers, should tire of roses and carnations, which we have at all times?

Various Notes.

President F. R. Pierson, of the S. A. F., is to be congratulated on his selection of Michael Bloy, of this city, for vice-president of eastern Michigan. Mr. Bloy is a hard worker, and when he takes hold of anything, it is with a will.

The annual dancing party given by the Detroit Florists' Club last week at Harmonie hall was, as predicted, an immense success. The heaviest snowfall for some years occurring that same evening seemed to but increase the enthusiasm of the florists and their friends, who turned out in goodly numbers. The dance program was interspersed with some clever piano playing by Chas. Fitzgerald and singing by Miss Rieser, but the feature of the evening was J. F. Sullivan as violinist. But few in the craft knew that our friend, Mr. Sullivan, could play at all, and then to have him take his place beside the piano and play like a second Paganini was surely a pleasant surprise. A table, off in one corner, literally covered with sandwiches, coffee and punch, took care of the inner man, and all went home rejoicing only when the hour was away past midnight.

E. A. Fetter's window, all in lavender and yellow, was unusually attractive this week, and stopped many a passerby.

William Dilger is at present not feeling as spry as usual. H. S.

ROCKFORD, ILL.

The Florists' and Gardeners' Association held its annual meeting in the Loucks & Sheldon cafe January 17. A supper was followed by talks by different members of the association in which unity and coöperation were urged. Fred Carpenter, of the park commission, addressed the association on "Parks," outlining what the commission hoped to accomplish in this branch of civic improvement. The florists plan to coöperate with the Woman's Club in its movement to bring about a more general beautification of Rockford.

Previous to adjournment it was voted to meet for the enjoyment of a banquet the second Monday in March. C. H. Woolsey, retiring president, presided. Officers were elected as follows:

President—J. J. Soper.
Vice-president—Max Sadewater.
Secretary Treasurer—George Birks.

PROVIDENCE, R. I.

The Market.

For the first time in more than six years, a foot of light snow covers the ground, and, while not completely blocking traffic, has had a deterrent effect upon business generally. The florists, however, do not appear to have suffered any lack of business. This is entirely due to deaths, and funeral work has seldom been more active. From a dozen to twenty designs a day has not been an exceptional report.

The supply of everything was sufficient to meet all demands, although red carnations and roses find ready sale for decorative and reception purposes. Prices are about normal.

Newport Horticultural Society.

The annual dinner of the Newport Horticultural Society, to celebrate the twentieth anniversary of the institution of the association, was held on the evening of January 11, in Mercury hall, at which there were nearly 100 members and guests. Among the latter were Senator John P. Sanborn, Representatives Robert S. Franklin and Robert Kerr, Mayor Patrick J. Boyle, John K. M. L. Farquhar, of the Massachusetts Horticultural Society, and J. A. Pettigrew, superintendent of parks of Boston. Besides these, at the head table were President James Robertson and ex-Presidents Andrew K. McMahon, James McLeish and Richard Gardner. Addresses were made, a history of the society was given by Richard Gardner and musical selections were rendered.

Various Notes.

The Hogg Greenhouses have a handsome new delivery wagon that is attracting favorable attention.

Frank and Fred Vose, of Woonsocket, have the sympathy of the trade in their recent bereavement in the death of their mother.

Eugene Appleton will join the ranks of the benedicts on January 26.

Walter Sword, of Valley Falls, reports the largest business in his experience during the last fortnight.

John F. Woods has received the contract for all the cut flowers and potted plants for table and other decorations at the Narragansett hotel.

Charles H. Hunt had twelve funeral pieces on January 15 and ten on the following day.

Nearly 100 handsome designs were sent January 10 to the funeral of Mrs. Buffalo, one of the best known Italian philanthropists of this city.

Appleton & Sons put in the "Palm Beach" decoration at the Boston Store last week for the exhibition of summer goods.

William B. Hazard has opened his new store at 178 Mathewson street.

William Hay was snowed in for a couple of days, January 14 and 15, by the drift and was unable to get into town from his place at Oaklawn.

W. H. M.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

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Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

RESULTS.
We give them. You get them.
We both have them.

SIGN full name and address and your queries will receive prompt attention. Anonymous questions are not answered.

CUT flowers appear to be realizing better prices in the east than in the west this season. A year ago it was the other way about.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

J. A. PETERSON says he is not the "creator" of certain new begonias—he objects to the use of the word in that connection and prefers to be spoken of as the hybridizer of the varieties in question.

THE S. S. Pennock-Meehan Co., wholesale florists of Philadelphia and Washington, have issued a folder on "Culture of Asparagus Plumosus," edited by Charles E. Meehan, who is one of the largest growers of asparagus for the Philadelphia market.

J. A. VALENTINE, chairman of the committee charged with the organization of the proposed retail florists' delivery association, has called a meeting of this committee and others interested, to be held at the Fort Pitt hotel, Pittsburg, during the meeting of the American Carnation Society, January 26 and 27.

OBITUARY.

Luther A. Line.

Luther A. Line, of Carlisle, Pa., died January 6, as the result of a paralytic stroke. He was 75 years of age and had formerly been engaged in the florists' trade. He was a close friend of General Fitzhugh Lee.

Mrs. J. C. Craig.

Mrs. Nellie C. Craig, wife of "Joe" Craig, a well-known character in the trade in Chicago, died at her residence, 738 South Oakley boulevard, and was buried in Mount Carmel cemetery after funeral services January 18 in the Church of the Most Precious Blood. Mrs. Craig had been a resident of Chicago for forty-six years. She was the mother of Arthur, Herbert, Irene, Joseph, John O'Callaghan, Raymond and William Craig. The sons are engaged in the flower business with their father.

SOCIETY OF AMERICAN FLORISTS

Department of Registration.

Public notice is hereby given that the application of Southwick Cary Briggs, of 1719 Lamont street, Washington, D. C., for the registration of the rambler rose described below, having been submitted to the American Rose Society on December 13, 1909, and no reply having been received from them within the required time, the registration becomes complete.

Raiser's description: Color, delightful shade of deep pink; flower, three inches in diameter, semi-double, free-flowering, five to seven blossoms on a spray; habit, vigorous grower and very hardy; parentage, hybrid of Madame Gabriel Luizet x Wichuraiana, seedling crossed by Baron de Rothschild. H. B. DORNER, Sec'y.

January 12, 1910.

AMERICAN CARNATION SOCIETY.

Wanoka Greenhouses, Barneveld, N. Y., registers Carnation Rainbow, white seedling crossed Enchantress; white overlaid with pink; size, three and one-half inches; grand habit; large, high-built flower, making fine display; fragrant, with long, stiff stem and fine calyx; fine keeper and shipper. Also Carnation Sultana, Gov. Roosevelt crossed Mrs. Lawson; light crimson, three to three and one-half inches; fine form, free worker, ideal habit, long, stiff stem and fine calyx.

A. F. J. BAUR, Sec'y.

NEW ENGLAND APPROVES.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

The Review is the best paper before the trade, both for news and for advertisements.—G. J. Benedict, Concord, N. H., January 6, 1910.

CHICAGO.

The Great Central Market.

The market has turned one of its periodical flip-flops since last report. All through last week receipts were greater than the demand, in spite of the fact that the cut was at no time heavy. But at the opening of this week the supply out through the country had become so reduced that a large number of shipping orders were received, and a considerable shortage developed. For some time white roses have been under the demand, and last week all short roses sold exceedingly well, while this week finds the rose market decidedly stiff. The only adequate supplies are in medium and long Beauties and in the extra special grades of Killarney, Richmond and to a less extent other roses. There continue to be ample supplies of Beauties, but the price has stiffened because of increased demand and decreased receipts, with a prospect of still further advancement in value. It has been the case nearly all winter that the extra special grade of Killarney and, indeed, other roses, has been, in proportion to the demand, more abundant than the medium grades. This still is true; it is easier to find the stock for the order which calls for the highest grade than it is to find the roses for the buyer who wants the medium lengths. Growers say the extra special grade has at no time this season realized its full value in comparison to the price obtainable for the medium lengths. Just now a short rose is worth one-third to one-half the price of an extremely long one, which is out of proportion to the cost of production.

While the cuts of carnations have not been reduced as sharply as those of roses, the increased demand has brought a welcome advance in prices of carnations. Last week stock was so abundant that it was difficult to find any buyer who would take the splits and other low grades; this week everything has a value, and

Carnations

You will find our Carnations to be all that you could ask—splendid stock, the best varieties in each color and the quantity sufficient to take care of the largest orders. We want to hear from large users of Carnations who have not previously bought of us. We can make it interesting for all such—not the cheapest, but the best Carnations on this market, and the largest supply.

Killarney and Richmond

Rose crops are light at present, but we still have a splendid supply of Killarney and Richmond—finest extra special grade, but the bulk of the cut is the special and select lengths, the grades all stores use in greatest quantity. No better roses anywhere, whatever length you need.

Beauties

Many Beauty buyers depend on us for all their supplies all the year around. We are prepared to take on more regular buyers of Beauties. Our Beauties make friends.

Violets

Our Violets are the cream of the Hudson River stock; that's why we are doing so big a business with them. Also fancy, fragrant, home-grown singles. Now booking orders for St. Valentine's Day.

Sweet Peas

Long-stemmed, fancy Sweet Peas, the white, pink and lavender, now in good supply. These will be one of our leading specialties in the next few months.

Miscellaneous Stock

Jonquils, plenty of Easter Lilies, Callas, Freesias, Mignonette, Paper Whites, Romans and Tulips, white, yellow and proserpine. Green goods of every kind; finest Fancy Ferns.

Fancy Valley Always on Hand

We handle the **"Chicago Market Brand"** exclusively. Mr. Bruns is recognized as the leading commercial grower of Valley in the west. Many leading stores will use no other. We can supply any quantity.

PRICE LIST

AMERICAN BEAUTY	Per doz.
Long stems	$5.00
Stems 36 inches	4.00
Stems 30 inches	3.00
Stems 24 inches	2.50
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
	Per 100
Killarney, special	$15.00
" select	$10.00 to 12.00
" seconds	6.00 to 8.00
Richmond, special	12.00 to 15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Maid and Bride, special	12.00
" " select	8.00 to 10 00
" " seconds	5.00 to 6.00
Mrs. Field	4 00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common and split	2.00
Select, large and fancy	3.00 to 4.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	.75 to 1.00
" " single	.75
Sweet Peas, fancy	1.50
" " medium	1.00
" " short	.50 to .75
Jonquils	4.00
Tulips	3.00 to 4.00
Valley	3.00 to 4.00
Easter Lilies, per doz., $2.00	15.00
Callas " 2.00	
Mignonette, per doz., 50c to 75c	
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri, per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax, per doz., $2.00	15.00
Ferns, per 1000, 2.00	.25
Galax, bronze " 1.00	.15
" green " 1.00	.15
Leucothoe	.75
Mexican Ivy, per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Colorado Carnations

We are now getting the best and largest cut we have ever had :: Can fill any order

The Pikes Peak Floral Co.
Colorado Springs, Colo.

Mention The Review when you write.

white carnations are sharing in the demand for white roses.

The recent weather has been no more gloomy than the faces of those responsible for marketing the violets. Last week's averages were undoubtedly the lowest of the season to date. The quality of the stock is excellent, and the quantity fully as great as ever has reached this market in January. The demand simply has been absent. Each buyer taking a few hundreds made little impression on the bulk of the receipts, and the fair figures these buyers paid were lost in figuring the averages, for far the largest part of the receipts were sold to the peddlers. This week the violets are faring slightly better, but not enough better to hold out any brilliant prospect.

Because of reduced supply in other lines, the bulbous stock is faring better than heretofore. Paper Whites are selling quite well, and Easter lilies hold their prices in the face of increased supply. There are few cal'as. Tulips do not increase rapidly in quantity. Romans are seldom seen. Freesias are quite abundant. Stevia is not much in evidence.

Among the fancy flowers, white lilac is fine, and it is not possible to fill all orders. Cattleyas are equal to the demand; all orders are filled if needs are made known early in the day. Gardenias are abundant. Valley continues to sell well.

There is little change in the green goods market.

Will Manufacture Soil Conveyor.

The Geo. M. Garland Co., Des Plaines, is preparing to put on the market a movable soil conveyor for the purpose of emptying and refilling the benches in greenhouses. This conveyor consists of a metal bucket with a patent bottom for dumping purposes, and is suspended from a wheeled carrier which runs on an overhead rail. This rail is in sections and is bolted to the frame of the house. The sections are easily removed and can be transferred from one house to another as wanted. Wherever it is desired to dump the soil a cog is placed on the rail. This cog engages a cog on the carrier which automatically stops the bucket and at the same time operates the dumping apparatus, depositing the soil in the required place. The Garland Co. anticipates a large demand for these conveyors and, in fact, is now completing a new building which will practically double its facilities. A considerable increase in the iron gutter and greenhouse material business also is looked for again this year.

You are cordially invited to attend the Public Test of

Aphine

At the Boston Flower Market

One A-Park Street, Boston, Mass., Saturday afternoon, January 22, 1910

between the hours of two and five o'clock

We will be pleased to have you submit at this test any plants, shrubs or stock that may be infested with insects or disease, so that we may demonstrate to you the wonderful merits of this new insecticide discovery—Aphine.

Yours respectfully,

Aphine Manufacturing Company

Madison, N. J., January 15, 1910

Mention The Review when you write.

Horticultural Society.

At an adjourned session of the annual meeting of the Horticultural Society, held at the Art Institute January 14, W. N. Rudd presided in the absence of President Kelley. All the last year's officers were reëlected except Treasurer Wienhoeber, who declined another term. The officers are:

President—W. E. Kelley.
First vice-president—W. N. Rudd.
Second vice-president—E. Wienhoeber.
Secretary—J. H. Burdett.
Treasurer—N. H. Carpenter.

Next fall's flower show will be held under the same direction as the last one. Preparations are well forwarded.

Various Notes.

E. C. Amling is said to have something up his sleeve in the way of a new green something this market never has been offered before.

Fred Sperry was absent from the store of Vaughan & Sperry several days last week because of illness.

Henry Van Gelder has added palms and ferns to the stock sold at the Percy Jones establishment.

Frank A. Benthey, at the Des Plaines establishment of Hoerber Bros., says his roses are now in such shape that he is glad to have anyone come to look at them.

J. A. Mendel, on West Eighteenth

ORCHIDS

Special fine Cattleyas, $6 to $9 per doz.

Also Dendrobium Formosum and all other seasonable varieties.

GARDENIAS Fine stock in large supply. $2.00 to $5.00 doz. **WHITE LILAC** Finest fancy flower of the season. $1.50 bunch. **VALLEY** Good stock, $3.00 to $4.00 per 100. Special fancy Valley, 5.00 "

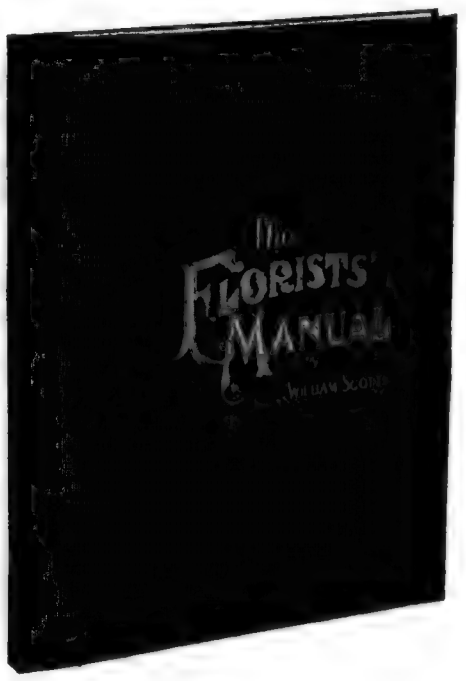
Killarneys, Beauties, Carnations, Lilies, Violets,
Freesia, Mignonette, Bulb Stock, Greens ::

Can furnish all staple stock in best quality and large quantity
Time to think about St. Valentine's Day Violets and other Flowers

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.



The Florists' Manual

A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

Price, $5.00, prepaid by express or mail.

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn St., **CHICAGO**

street, is doing quite a little wholesale business. He manufactures wire work and sells greens and some of the staple supplies to the florists in his section of town.

Allie Zech, of Zech & Mann, is doing a two weeks' term of jury duty in the Criminal court.

C. W. McKellar says the present gardenia crop is one of the heaviest on record.

H. P. Gerhardt, at Wilmette, plans to sell the growing department of his business and confine himself to the retail end.

E. Wienhoeber has had several shipments of Begonia Gloire de Cincinnati from J. A. Peterson and speaks highly of it, commending it especially for its keeping qualities.

A note on the death of Mrs. J. C. Craig appears in this week's obituary column.

R. Jahn wishes it stated that he has had no connection with the Butler Floral Co. since December 5, the date on which he and his wife separated. Mr. Jahn states that the Butler Floral Co. never has had any connection with the flower store started just before Christmas at 294 Dearborn street, and that he also is the proprietor, with some outside parties, of the Sheridan road store, formerly conducted by the Butler Floral Co.

There was a meeting of the National Council of Horticulture at the Congress hotel January 17, Secretary H. C. Irish, of St. Louis, and E. D. Smith, of Adrian, Mich., being among the out-of-town delegates present. Continuation of the press service during the approaching season was planned.

It gives C. L. Washburn pleasure to find, every now and then, in some European trade paper, a note like this, from the Horticultural Advertiser: "Of the American introductions, O. P. Bassett carnation appears likely to become rapidly popular."

The A. L. Randall Co. reports having already sold three times as many of the red heart-shaped violet boxes as were sold for St. Valentine's day last year.

Poehlmann Bros. Co. reports that it is impossible to close the store on time at night, the afternoon orders being so heavy that they have to call in stock on late trains to fill them.

Kyle & Foerster report last week as being their best to date.

E. E. Pieser, of Kennicott Bros. Co., says that in all his years in the business he never has seen a quicker change of market conditions than occurred last week.

At E. H. Hunt's supply business for Easter is beginning to pick up.

Tim Matchen is now in charge of Peter Reinberg's store. His brother, Mike Matchen, is responsible for repairs, maintenance and building at the greenhouses. Leonard Kill writes from Ocean Park, Cal., that he and his family are domiciled within a block of the Pacific, and that the weather is like summer.

Among the recent visitors have been William Dittman, New Castle, Ind.; E. D. Smith, Adrian, Mich.; W. C. Konzelman and his partner, Mr. Dille, who are preparing to build a range of greenhouses at Greensburg, Ind.

Bowling.

The following are the scores of the Florists' Bowling League made January 13:

McKINLEY DAY, January 29

Advertise it in the papers and in your window—and

ORDER YOUR CARNATIONS OF US

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
CARNATIONS, well, you know the grade grown around Milwaukee; if not, try a shipment.
VIOLETS, only Wisconsin grown. They have a violet odor. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write

THE HOME OF

HIGH-GRADE, WATERPROOF

Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.** Samples and prices sent on application.

A. A. ARNOLD

16-22 S. Peoria Street, CHICAGO, ILL.

Mention The Review when you write.

Carnations.	1st	2d	3d	Violets.	1st	2d	3d
Ayers	154	207	198	Bergman	187	146	197
Pasternick	141	161	145	Lorman	163	122	135
Krauss	105	166	198	Kruchten	94	168	137
Farley	159	126	151	Lieberman	149	131	126
A. Zech	146	192	144	Yarnall	165	172	146
Totals	705	852	836	Totals	758	739	741

Orchids.	1st	2d	3d	Roses.	1st	2d	3d
Huebner	183	152	168	Goerisch	168	124	162
Graff	181	229	162	Orseske	111	135	138
Vogel	105	164	168	Pieser	117	131	109
Asmus	213	195	146	Winterson	156	168	201
J. Zech	161	181	200	Wolf	200	145	164
Totals	843	921	844	Totals	752	703	774

INDIANAPOLIS.

The Market.

Business for the first half of January has been quite satisfactory, and with some firms it has been much better than last year. We had real winter for the last month, and there has been a big hole made in the coal pile. The cloudy weather for the last few weeks has not helped the grower any, but flowers have been plentiful nevertheless. Funeral work continues steady, and this, combined with flowers furnished for numerous parties and receptions, has kept the stock moving nicely. Stock of all kinds is cleaned up daily. Carnations have been in demand lately. Roses are of good quality, notwithstanding the cloudy weather, and some extremely good Maids are to be seen. Bulbous stuff is also moving well. Stevia, lilacs, narcissi, peas, valley and orchids are in fair supply and move well. ply and move well.

WESTERN

ORCHIDS

Chas. W. McKellar

51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, January 24, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to	$ 7.50
Laelia alba, white	"		6.00
Dendrobium Formosum, white,	"		6.00
Cypripediums, green, per 100, $15.00	"		2.00
Assorted, selected flowers	Per box,	$5.00 to	25.00
Gardenias	Per doz.,	3.00 to	5.00
AMERICAN BEAUTY—Specials	"		5 00
30 to 36-in	"	3.00 to	4.00
20 to 24-in	"	2.00 to	2 50
15 to 18-in	"	1.25 to	1.50
Shorter	"	.75 to	1 00
Killarney, special	Per 100	12 00 to	15.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
My Maryland, special	"	10.00 to	12.00
" select	"		8.00
" seconds	"	5 00 to	6.00
Richmond, special	"	10.00 to	12.00
" select	"		8.00
" seconds	"	5.00 to	6 00
Mrs. Field	"	5.00 to	12.00
Bridesmaid	"	5.00 to	12.00
Bride	"	5.00 to	12.00
ROSES, our selection, mixed	"		5.00
CARNATIONS			
Select	Per 100,		$2.00
Fancy	"	$3.00 to	4.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,	.75 to	1 00
" single	"	.75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00	"	15.00
Callas	" 2.00	"	15.00
Sweet Peas		"	1.00
Bouvardia		" 4.00 to	6.00
Paper Whites and Romans		"	3.00
Jonquils		" 3.00 to	4.00
Tulips		" 3.00 to	4.00
Stevia		"	1 50
Mignonette		" 4.00 to	8.00
Freesia		" 3.00 to	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
" "	Per bunch,	.35 to	.75
" Sprengeri	"	.35 to	.75
Adiantum	Per 100,	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.00
" " "	Case 10,000,		7.50
Leucothoe	Per 100,		.75
" bronze	"		1.00
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

Association Meeting.

The State Florists' Association of Indiana held the annual meeting at the Commercial club, Tuesday, January 11, and it was the most enjoyable meeting had in years. The old officers were reëlected for the ensuing year. The reports of the secretary and treasurer found the association to be in a flourishing condition. The sentiment among the members was for a chrysanthemum show in Indianapolis next fall, and a committee was appointed to investigate. The committee appointed to revise the state

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

We have a splendid crop of

BEAUTIES, ROSES
Fancy Carnations

and will gladly have your esteemed orders. Prompt attention to all orders.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$5.00
36 inch	4.00
30-inch	3.00
24-inch	2 50
18 to 20-inch	2.00
12 to 15-inch	1.50
Short stem	1.00

ROSES	Per 100
Cardinal, extra long	$15.00
" long	$10.00 to 12.00
" medium	8.00
" short	6.00
Maid, Bride, Perle, select	12.00
" " " long	8.00 to 10.00
" " " medium	6.00
" " " short	4.00
My Maryland, extra select	12.00 to 15 00
" long	10.00
" medium	6.00 to 8.00
" short	4.00
W. Killarney, Richmond, Killarney, ex. select	15.00
" " " " select, long	10.00 to 12.00
" " " " medium	6.00 to 8.00
" " " " good short	4.00
Good short stem Roses	4.00 to 5.00

Our Extra Special grade of Roses charged accordingly.

CARNATIONS	Per 100
Extra fancy	$ 4.00
First quality	3.00
Splits	$1.50 to 2.00
HARRISII	20.00
TULIPS	4.00
NARCISSUS PAPER WHITE	3.00
SWEET PEAS	.75 to 1.00
VALLEY	3.00 to 5.00
VIOLETS	.75 to 1.00
MIGNONETTE, large spikes	6.00
FREESIA	4.00
ADIANTUM	1.00
ADIANTUM CROWEANUM, fancy	1.50
SMILAX	per doz., $2.00
SPRENGERI, PLUMOSUS SPRAYS	3.00
PLUMOSUS STRINGS	each, 60c
FERNS	per 1000, $2.00
GALAX	" 1.00
LEUCOTHOE	" 7.50 1.00
Wild Smilax	per case 5.00

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

fair premium list made its report, which was approved, and which no doubt will be approved by the State Board of Agriculture. The meeting was followed by the usual banquet.

A number of vases of blooms were exhibited, among them being a vase of Mrs. Jardine roses and a vase of May Day carnations from W. Frank & Son, of Portland, Ind., which received honorable mention; a vase each of Enchantress, Lawson, White Enchantress and a vase of mixed blooms from Stuart & Haugh, Anderson, Ind., all of which were exceptionally good. Baur & Smith, of Indianapolis, had a vase of Carnation May which scored seventy-seven points and a vase of light pink No. 271 which scored eighty-two points. The latter looked unusually good. This firm also had a vase of Shasta, which has received honors before. Baur & Smith may well be proud of this carnation, as it is no doubt one of the best whites on the market, and it really looks better than it did a month ago. H. W. Rieman had a vase of mixed carnations, among them being some exceptional blooms.

E. Knabe, of Frankfort, and Ralph Meeks, with Stuart & Haugh, were elected to membership.

Out-of-town members attending the meeting were Stuart & Haugh, of Anderson; J. S. Barnaby, the newly-elected mayor of Columbus; Fred Dorner, of La Fayette; N. Gano, of Martinsville; M. A. Barick, of Seymour; G. R. Gause, of Richmond; B. F. Hensly, of Knightstown; Carl Sonnenschmidt, of Cumberland; Chas. Frank, of Portland; Ira Clark, of Greensburg; and Bert Stanley, of Sunbeam.

Various Notes.

C. R. Greene, of A. Wiegand & Sons, has been on the sick list.

W. W. Coles was in the city last week

We can take good care of all orders

If stock is to be had on this market, you get it when you send your order to us :: :: Our resources are large

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

BEAUTIES	Per doz.
36-inch and over	$5.00
30-inch	$3.00 to 4.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00
ROSES (Teas)	**Per 100**
Bride and Maid	$5.00 to $10.00
Richmond, Killarney	5.00 to 12.00
White Killarney	5.00 to 12.00
My Maryland, Perle	5.00 to 12.00
Roses, our selection	5.00
CARNATIONS, medium	2.00
" fancy	3.00 to 4.00
MISCELLANEOUS	
Harrisii Lilies	12.50
Valley	3.00 to 5.00
Violets	.75 to 1.50
Paper Whites	3.00
Romans	3.00
Jonquils	3.00
Mignonette	4.00 to 8.00
Sweet Peas	.75 to 1.00
Callas	12.50
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.50 to .60
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.35 to .50
Adiantum, per 100	.75 to 1.00
Ferns, Common, per 1000	2.00
Galax "	1.00
Leucothoe	.75
Boxwood, lb., 25c	
Wild Smilax, $2.50, $3.50 and	4.50

SUBJECT TO MARKET CHANGE.

attending the meeting of the State Board of Agriculture.

Houston Tall, who has charge of the city greenhouses, has been branded "Chief of Tree Inspectors."

Fred Hukriede could not attend the meeting of the State Florists' Association on account of Masonic work. Mr. Hukriede is traveling east.

Bertermann Bros. report heavy sales on their new yellow carnation, James Whitcomb Riley. H. L. W.

MILWAUKEE.

The Market.

Although we have been having snow in this vicinity since December, still we were treated on Thursday, January 13, to the most severe blizzard known since the year 1888. Consequently, local business was practically at a standstill. The only thing that kept the retailers awake was funeral work. A few large funerals helped to keep things moving. With this inactivity, stock at times was left on the hands of the wholesalers.

During the storm, stock came in at irregular times. Then followed numerous complaints of shipments arriving from twelve to thirty-six hours late. The mails, too, containing orders, have been coming in all the way from one to two days behind time. So, all in all, it was a most unsatisfactory week. Prices ran down to where the growers undoubtedly will say: "Can't even pay the coal bill." Freight traffic, on the whole, has been at a standstill for some time, and it was not till Sunday that a fair start had been made. E. O.

SPRINGFIELD, OHIO.

Club Meeting.

The January meeting of the Springfield Florists' Club was held January 10, in the potting sheds of the Highland Floral Co., Kriegbaum & Campbell, the proprietors, being hosts for the occasion. Tables and board seats had been provided, the former covered with clean white paper; gasoline lamps were suspended from the ceiling, and an ample supply of packing boxes sufficed for lounging chairs, while long rows of potted plants, supplied by Schmidt & Botley, obscured the benches and gave a flowery grace to the occasion.

An odor of sauerkraut and wienerwurst pervaded the atmosphere, and at seven o'clock the assembled members and guests attacked a menu which would satisfy the appetite of a florist of almost any nationality. At the conclusion of the repast, stogies were distributed and in a short time every greenfly about the place thought it about time for any kind of a fly to escape.

In the absence of both president and vice-president, the meeting was called to order by the secretary, Carl Glenn, who introduced ex-President Geo. H. Mellen as toastmaster, by whom the subject of the evening was announced as being "Anything and Everything of Interest to the Local Retailer." Mr. Mellen introduced the subject in a few well chosen remarks and then called on a majority of those present, beginning with the local retail men.

Clinton L. Reese spoke of the room for improvement in local trade conditions and referred to the matter of department store sales.

Western Florist Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.

DENVER, COLO.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
8-inch stems	.75
	Per 100
Bride, fancy	$8.00 to $10.00
" good	4.00 to 6.00
Bridesmaid, fancy	8.00 to 10.00
" good	4.00 to 6.00
Killarney, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
White Killarney, fancy	8.00 to 10.00
" " good	4.00 to 6.00
Mrs. Jardine, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	4.00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	4.00 to 6.00
Perle	8.00
Roses, our selection	4.00
CARNATIONS, fancy	3.00
" good	2.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies...per doz., $2.00	
Sprengeri, bunch, $0.50 to 0.75	
Ferns.... per 1000, 2.00	
Galax.... " 1.00 to 1.50	

All other stock at lowest market rates.

No charge for packing.

Prices subject to change without notice.

Mention The Review when you write.

Charles W. Unglaub touched upon market stand sales, the downward tendency of local retail prices and the need of

Beauties

Beauties of splendid quality are in good supply with us, and we shall have a large cut for the next several weeks. The stock is sure to give satisfaction.

We have Jonquils and Sweet Peas

Carnations, Roses, Violets

SEND ALONG THE ORDERS

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

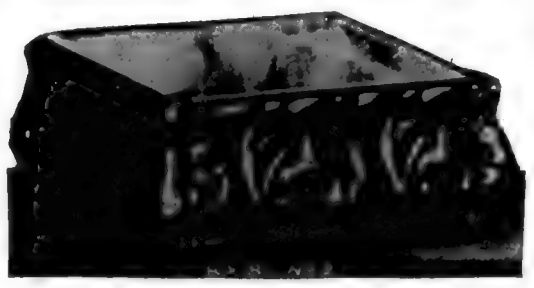
	Per doz.
AMERICAN BEAUTY	
36 to 40-inch stem	$4 00 to $5.00
24 to 30-inch stem	2.50 to 3.00
18 to 20-inch stem	1.50 to 2.00
12 to 15-inch stem	1.00 to 1.25
Short stem	.75
	Per 100
Bride	$6.00 to $15.00
Bridesmaid	6.00 to 15.00
Killarney	6.00 to 15.00
White Killarney	6 00 to 15.00
My Maryland	6.00 to 15 00
Mrs. Field	6.00 to 15 00
Richmond	6.00 to 15 00
ROSES, our selection	6.00
Carnations, good	2.00
" fancy	3.00 to 4 00
Violets	.75 to 1.00
Valley	3.00 to 5.00
Harrisii Lilies....per doz., $2.00	
Callas..... " 2.00	
Tulips	3.00 to 4.00
Jonquils	4.00
Freesia	3.00
Sweet Peas	1.00
Asparagus.....per string, .50	
" Sprengeri, per bunch,	.35 to .50
" Plumosus "	.50 to .75
Galax... ..... per 1000, $1.00;	.15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax.....per doz., $2 00	
Fancy Ferns..... per 1000 2.00	.25
Boxwood.....50 lb. case, 7 50	
Wild Smilax.....50 lb., 5.00	

Prices subject to market changes.

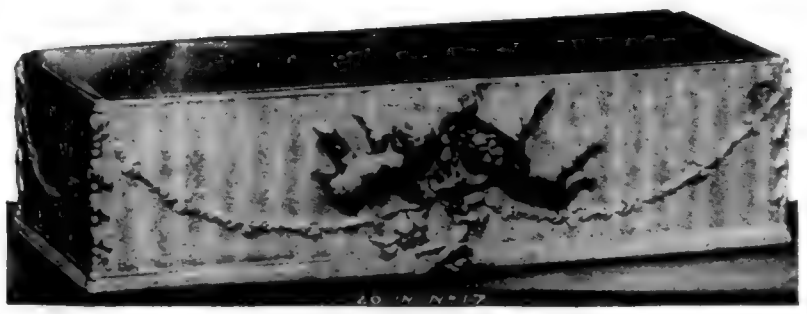
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A Great Success—the New

Dellwood Fern Dishes and Window Boxes



They are light, neat, attractive and are made from an unbreakable composition. They have a pan to contain the soil, with an extra drip pan below. Strong and durable. Made in antique assorted finishes, in the following sizes: 5x7 in., 8x8 in., 4x13 in., 4x18 in. and 5x20 in., and are from 4 to 5 in. high.



Complete description and list of prices, YOURS FOR THE ASKING.

Manufactured by

GOLD FURNITURE CO., 2300-2318 S. Western Ave. **Chicago**

N. Y. Office, E. J. SCHWABE, 814 Broadway

Distributor for principal cities in U. S.

Mention The Review when you write.

protection for the retail florist from the wholesale growers.

Charles C. Leedle favored the flower show project, provided the attendance be placed in the hands of some such organization as the Y. W. C. A.

B. C. Blake claimed Springfield florists could grow as good cut flowers as any place on earth, winter or summer.

Harvey N. Siegenthaler advocated a campaign of education to encourage outdoor planting, and some arrangement between wholesalers and retailers for the systematic disposal of any possible surplus of stock each spring.

Ben F. Howell, by reason of being a novice, and Alexander Maxwell, for not wishing to interfere in "family matters," excused themselves from making any extended remarks.

Charles W. Schmidt told a few stories in his usual style, explaining that a "Dutchman" was pretty likely to get the point of a story turned "hind-end-to," and then earnestly expressed his views, in which he claimed that the local trade situation was clearly up to the retailers for betterment.

Geo. D. Leedle endorsed the views of Mr. Schmidt and held that the retailers had no case against the wholesalers until they should themselves get together, organize and formulate some joint demand for presentation to the wholesale growers.

Frank E. Good stated that his company would be willing to comply with any united and reasonable request coming from the retailers.

Christian Binning, for the Geo. H. Mellen Co., spoke of conditions in the mail-order trade, said that his company had refrained from selling to department stores, except in one unimportant instance, and urged a greater degree of harmony and coöperation between the local retailers.

Leman Bradford, of the Springfield Floral Co., referred to the comparatively fair prices at which plants had been sold to the department store trade, although in some cases they had been retailed at less than cost.

Carl E. Glenn, of the American Rose and Plant Co., explained the department store trade from the standpoint of the grower.

Gustave Schneider opened his remarks by stating that "flowers in Springfield have no value," yet, in many cases he had been under the necessity of having stock shipped into town in order to obtain an adequate supply for his trade, and concluded by saying that it was immaterial to him whether or not flowers were handled by the department stores, the view being taken by many that this trade is just so much net increase and, in fact, is somewhat of an educator to the public in acquiring the habit of buying plants.

Altogether this was one of the most interesting and spicy sessions of the club, the prevailing sentiment being that the retailers must do their proper part, with resultant benefits and profits to themselves.

GE DALE.

Niessen's News Column

SPRING FLOWERS

in great variety, of choice quality, and at reasonable prices. There seems to be a larger demand for such stock each season, and you cannot afford to omit them from your daily display.

WHITE LILAC

$1.00 and $1.25 per bunch.

SINGLE DAFFODILS

$4.00 and $5.00 per 100.

TULIPS

White and yellow.
$3.00 and $4.00 per 100.

PUSSY WILLOW.

50c per bunch.

SWEET PEAS

Pink, white and lavender.
$1.00 per 100.
Very choice stock,
$1.50 per 100.

DOUBLE VIOLETS

Lady Campbell,
Fresh and sweet.
75c and $1.00 per 100.

VALLEY

Good value: $3.00 and $4.00 per 100.

GARDENIAS

$2.00 to $4.00 per doz.

Acacia

Pubescens

If weather conditions are at all favorable, will have Acacia in limited quantity this week. The week following will have plenty of it. At this season the choicest novelty in yellow, and we have the largest stock of it in the country.

WHITE KILLARNEY

Rose plants.

2-in. pots, per 100, $8.00.
2-in. pots, per 1000, $70.00.

ROOTED CARNATION CUTTINGS

See our advertisement among the classified ads. Strong, clean, healthy cuttings, that we guarantee to give satisfaction.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

VIOLETS

DOUBLE. Nicely bunched, plentiful, reasonable, such **Violets** sell themselves. Won't you give them a chance? We have both **Marie Louise** from the Hudson River and the paler blue **Lady Campbell;** both have their admirers. We hope you will push them for luncheons, corsages and the other select affairs you have on your books.

SINGLE. Philadelphia has a reputation for single **Violets;** large-flowered, deep blue, long stemmed bunches that rival the doubles. We represent two of the leading growers of single violets in this market. Their stock we can offer you with absolute confidence. We can also send you ordinary grade stock at a lower price, suitable for everyday use.

Our MRS. JARDINE ROSES are extra fine.

WILD SMILAX for the Decorator.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The eastern mails have suffered much delay for the last several days because of the wintry weather. The usual Philadelphia market report had not come to hand at the hour of going to press this week.—Ed.

The Gardenia War.

It may not be generally known that a gardenia war is being waged in earnest. It is but a few short years since the winter production of the gardenia was a prize that called forth the best efforts of the brightest growers in the east. These efforts have been chronicled several times in this column, first as general failures, then as marked successes of two or three masters of culture.

Last summer the floral world was particularly interested in the heavy additions of glass made, it was understood, expressly for the gardenia by one of the brightest growers supplying the New York market. It was understood and freely stated that this grower knew well what he was about and that his success in a minute fully equaled yours or mine in a month. Be that as it may, the houses were completed and the gardenias produced. Now, in the height of the gardenia season, there is a sort of inter-city war, the Street asserting positively that Philadelphia's gardenias have invaded New York and so fiercely competed with gardenias grown especially for that market, that the leading New Jersey grower has placed a representative here who is battling each day for favor in the Philadelphia shops. The effect will undoubtedly be to stimulate the demand for gardenias.

It is interesting to see how clearly improved methods and brains have overcome a serious obstacle in the winter blooming of gardenias, keeping the buds from dropping during dark weather.

Various Notes.

Henry A. Fitzgerald, of The Scientific Spraying Co., spoke before the Philadelphia Florists' Club on Tuesday evening, January 18. His subject was "The Proper Care of Trees."

John Lucas & Co. report the current prices of glass, greenhouse sizes, are ninety and ten per cent off the list, with probability of increased prices.

Phil.

NEW YORK.

The Market.

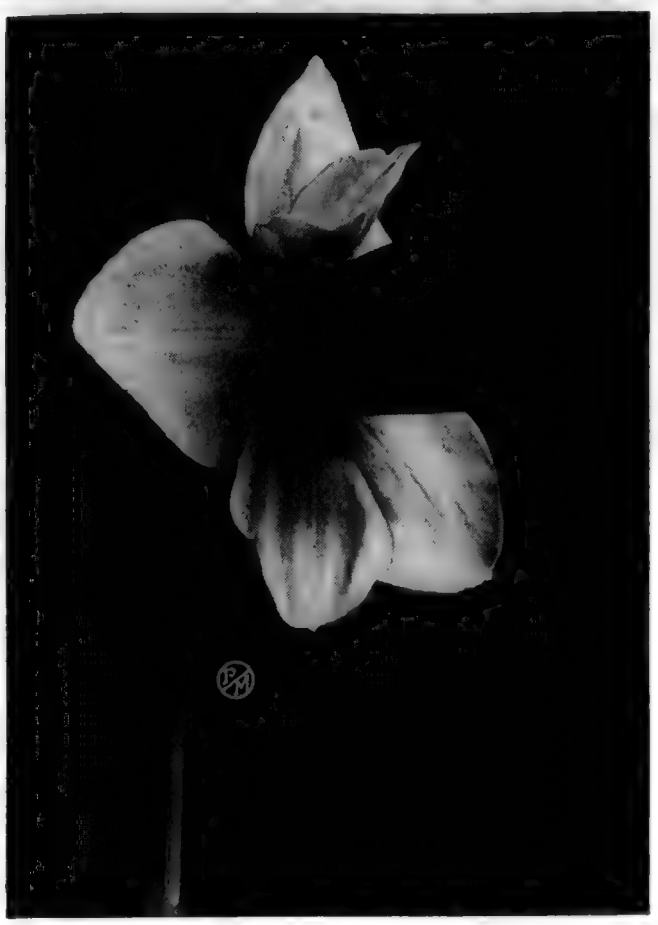
Supplies have been limited, but the demand was light also, and with the exception of Beauties values only held steady. The blizzard of January 13 and 14 was the worst in over twenty years. Beauties became scarce last week towards its close, and prices rose to almost holiday standards. Other roses held well, especially the lower grades, and there was no difficulty in cleaning up. The extras and specials were not so easily disposed of. While roses gave a good account of themselves, violets retrograded fast, and Saturday, January 15, the finest in the market could be bought for 50 cents. The tendency is still downward. Thousands were disposed of at from 40 cents down on Monday.

Carnations are abundant and the quality of most of the arrivals is superb. Mrs. Ward, Enchantress, Winsor, White Perfection and Alma Ward find buyers waiting. Some of the new seedlings are making a successful bid for patronage. The orchid supply is large and values have declined slightly. Cypripediums meet with but little appreciation. Narcissi are still in oversupply and are hard to move. Shipments of all kinds of bulbous stock are increasing. Forced forsythia is already in the retail windows.

General improvement in all branches of the trade is anticipated for the balance of the month, and until the season of sackcloth and ashes begins.

Various Notes.

February 20 the New York and New Jersey Plant Growers' Association will have its annual dinner at the swell Hotel



P M QUALITY

Spring Flowers

Single Daffodils

Very choice.....per 100, $4.00

Sweet Peas

Blooms exceptionally choice, long stems with foliage. Colors, lavender, pink and white, also a few novelties. Lavenders, usually so hard to secure, we can supply in any quantity, in fact by the thousands.

White Lilac.....per bunch, $1.00 and $1.50
Paper Whites and Romans, per 100, $2.00 and $3.00
Freesia.....per 100, $1.00, $4.00, $6.00
Pussy Willow.....per bunch, 50c
Daisies (white).....per 100, $2.00
Daisies (yellow).....per 100, $3.00
Cypripediums.....per 100, $15.00
Mignonette, splendid spikes, per 100, $3.00, $4.00
Gardenias, specials, $4.00; **fancy,** $3.00; **1st,** $2.00.
Cattleyas.....per doz., $7.50
Cattleyas.....per 100, $50.00

RIBBONS—Some of the choicest novelties, exclusive patterns, and endless variety to choose from.
SUPPLIES of all kinds.

CATALOGUE ON REQUEST

Open 7 a. m., close 6 p. m. Not open for business on Sundays Not responsible for flowers after delivery to express company

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street :: :: PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write.

Astor. Secretary W. H. Siebrecht, Jr., says the society intends to set the pace for the New York Florists' Club. Tickets are $5 a plate. It costs $50 to get into this association and $12 a year for dues, so you can realize there is some class to it.

The New York Florists' Club will dine sometime in February, as usual, and Chairman Walter Sheridan, of the committee, is already planning for the greatest reunion the club has known. The ladies will be invited. Tickets are to be $4 for gentlemen and $3 for ladies, the same as in 1909.

January 12 the Tarrytown Horticultural Society held its eleventh annual dinner. The attendance was the largest in its history and the most enthusiastic. The tables were handsomely decorated with plants, ferns, Winsors and Killarneys. A fine orchestra was provided by F. R. Pierson, and it was after midnight before the festivities were over. Secretary Neubrand, nursing a sprained ankle, the result of a flying leap from a runaway automobile, was presented with silver mounted brushes and gold cuff-buttons, and complimented highly for his official efficiency, to which he feelingly responded. Among the speakers were F. R. Pierson, who has become a story teller of the first water, and James Guthrie, from the Nassau County Horticultural Society.

The Wilson Hoyt Co. is now settled in its new offices in the Manhattan building, 1 Madison avenue.

R. G. Wilson, of Brooklyn, is associated with Mr. Weber in the dissemination of the new pink seedling, and will be at the carnation convention.

The funerals of H. McK. Twombly and D. O. Mills, which took place last week, brought much work to the leading florists. Wadley & Smythe had the Mills family order.

The Pittsburg convention will draw a large New York delegation. The Pullman promises to be full. Send your name to J. H. Pepper, Rhinelander building, and book your sleeping accommodations at once.

One of the ex-presidents of the S. A. F. celebrated his forty-third birthday on Twenty-eighth street and at his home last week with appropriate ceremonies.

Ford Bros. will move May 1 to the big store now occupied by the Manhattan Flower Market, next door to their present quarters. It will be an easy move and will give them larger space and better facilities than they have ever had. There were several applicants, and the Fords are congratulating themselves upon their foresight. There have been several sales of real estate on the historic street lately, and some of the old-timers will have to cast around for other quarters. It is said that the store of Ford Bros. has been taken by A. H. Langjahr. Next to Russin & Hanfling's

The Florists' Supply House of America

The Little Things That Count

The florist who uses many of our supplies in his work is the florist who prospers. The people whose business is worth having want something nice in flowers and will pay for the little touches that add. One of Philadelphia's fashionable florists uses our **Natural Magnolia Leaves** for a groundwork in handsome funeral designs and obtains in this way an original effect.

Another finishing touch that we recommend is obtained by using our new select **Chiffons.** They come in all colors—white, pink, yellow, lavender, scarlet, Nile and moss green—and are far superior to the old chiffons. We use the imported only; they are far better than domestic.

Dainty Baskets for small flowers, **handled, oval-shaped,** are sure to attract when prettily filled and placed in your window.

There are many other things we could suggest, including the **Bohannan Violet Clasp,** which would help you to increase your sales. We have said enough by way of suggestion and only add that our best efforts are always at your command.

Remember we can make anything you want in florists' supplies in our factory. Send for our illustrated catalogue.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

and opposite the Kervan Co. and close to Gunther Bros., a building has just been reconstructed and made ready for occupancy. It is said that Rosens, the florists' supply man, will occupy it February 1. It is complete and in an excellent location, only a few doors west of the veteran J. K. Allen's headquarters.

The Retail Florists' Association announces a smoker at Healey's, Sixty-sixth street and Columbus avenue, January 24. This function is to be given by the board of directors to its members, and M. A. Bowe says it will be something out of the ordinary.

The Greek-American Florists' Association gave its third annual ball January 17 at the Terrace garden, Fifty-eighth street and Lexington avenue. Over 2,000 were present, including Ambassador Coromeles, Consul Botassi, wholesale florists and other dignitaries. The decorations were elaborate, requiring 6,000 yards of roping, 150 Christmas trees, 500 strings of smilax and large quantities of cut flowers. During the evening fifty doves were released and carried home as souvenirs. It is said that dancing was kept up till 5 a. m. and that some of the retailers and growers stayed for the last waltz.

Semon Bache & Co. look forward to a good season in the sale of greenhouse sizes of window glass.

J. AUSTIN SHAW.

The Climax Mfg. Co., makers of paper boxes, have opened a New York office at 20 East Forty-second street, with U. C. Hirschey in charge.

The executive committee of the American Rose Society and the council of the Horticultural Society of New York met at the American Museum of Natural History, where the spring exhibition is to be held, January 12 last, for conference. Working committees were appointed to take the matter up in earnest to prepare now for the coming exhibition. The facilities that are offered to the Rose Society for the exhibition are superb.

The Horticultural Society of New York will hold an exhibition of spring flowers and plants in connection with the Rose Society's show in March.

The orchid section of the Horticultural Society of New York will meet January 26 at the American Museum to complete its organization.

BERGER BROTHERS

WHOLESALE FLORISTS

1305 Filbert Street, Philadelphia, Pa.

Have you ever been in our store?

It is just midway between the two terminals, convenient to either.

We have a full line of all that is best in flowers and will be glad to send you anything you need.

Our Bride and Richmond, Our Carnations, Easter Lilies, Valley, Violets and Sweet Peas are very fine.

May we have your business?

Mention The Review when you write.

ST. LOUIS.

The Market.

The cut flower trade last week was fairly good in all lines; better, in fact, than any time since the first of the year. The retailers say they are looking for good business until Lent sets in. There have been a number of good wedding orders to be filled this month. There has been the usual activity in funeral work.

The wholesalers had plenty of stock up to January 14 and 15, when the demand cleaned them up pretty well on all first-class stock, especially white. Roses and carnations have been coming in heavily and the price was down as low as $1.50 per hundred for fancy carnations. Roses, too, sold cheaply for a while, but the latter part of last week the price went up a few cents on fancy grades. Violets also came in abundantly, and were as low as 30 cents per hundred early in the week, and 50 cents to 75 cents Saturday. Bulbous stock is plentiful and the price remains steady. Harrisii and callas sold well, as did lily of the valley.

Smilax, galax and Mexican ivy had a big call last week. Other greens sold better than usual.

Club Meeting.

The Florists' Club held its New Year's meeting Thursday afternoon, January 13, in the rooms of the Odd Fellows' building. There was on exhibition a fine vase of the new white carnation, Shasta, sent by Baur & Smith, of Indianapolis, which was greatly admired. The National Clock & Electric Mfg. Co., St. Louis, exhibited

NEW CROP

Flower Seeds

For Florists Are Now Ready



Absolutely Free!

In order to further acquaint the florists with Michell's High Grade **Flower Seeds**, we will send (if requested), during the month of January, with every order of **Flower Seeds** which amounts to $5.00 and over, a

Florists' Budding Knife

Made of the finest English steel, white handled, with two blades, brass lined, a knife that is sold by us for $1.25.

Guaranteed in Every Respect

Send for our Handy Flower Seed Order Sheet.

Our General Wholesale Catalogue Now Ready.

Begonias and Gloxinias

Our stock of these Bulbs is of the finest strain procurable.

	Per doz.	Per 100	Per 1000
SINGLE BEGONIAS			
Orange	$0.40	$2.75	$22.50
Scarlet	.40	2.75	22.50
Pink	.40	2.75	22.50
White	.40	2 75	22.50
Yellow	.40	2 75	22 50
Mixed	.35	2.50	21.00
DOUBLE BEGONIAS			
Crimson	.65	4 75	37.50
Scarlet	.65	4.75	37.50
Pink	.65	4.75	37.50
White	.65	4.75	37.50
Yellow	.65	4.75	37.50
Mixed	.50	3.75	33.00
GLOXINIAS			
Red and Scarlet	.60	3.75	32.00
Blue	.60	3.75	32 00
Bordered Scarlet	.60	3.75	32.00
Bordered Blue	.60	3.75	32.00
Spotted	.60	3.75	32.00
White	.60	3.75	32.00
Choicest Mixed	.50	3.50	31.50

HENRY F. MICHELL CO.

Seed Growers and Merchants

Market St. above 10th St., Philadelphia, Pa.

Mention The Review when you write.

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., Brooklyn, N. Y.

Mention The Review when you write.

Ribbons that create a lasting impression

fresh from our mills daily—**Taffetas, Satin Taffetas, Messalines**—rich, lustrous ribbons your trade will like. Prices and samples on application.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

one of its thermostatic instruments. C. M. Davidson gave a demonstration of its working, which interested the members greatly.

The meeting opened at 2 o'clock, with President George B. Windler in the chair and all the rest of the officers present. W. A. Rowe, of Kirkwood, was elected a member. Henry Wenzel and Charles T. Hecht, of Anglum, made applications for membership. A new committee was appointed on advertising through the Florists' Club, consisting of C. De Wever and John Connon. The chair appointed Charles Beyer, F. J. Fillmore and Mr. Young to report on the vase of Shasta carnations. Their report read as follows: "We, the committee, think it an improvement on existing white varieties on account of being heavily fringed, and recommend a certificate of merit." The chair called upon W. C. Young for a talk on his New Orleans trip, and Frank J. Fillmore read an interesting paper on "The Troubles of a Grower," which are amusing at times. Several questions brought out a good discussion.

William C. Smith was instructed to prepare a paper for the next meeting on "The Troubles of a Wholesaler." The next meeting takes place Thursday, February 10, at 2 o'clock.

The Ladies Organize.

The St. Louis members of the Ladies' S. A. F. have organized a society called the Home Circle. No one can belong who is not a member of the Ladies' S. A. F. An informal meeting was first called at the home of Mrs. John Steidle, in Central, a month ago. The first regular meeting of the circle, which was called by Miss M. Meinhardt, was held Monday afternoon, January 10, in the parlors of the Washington hotel. Those who responded to the call were Mesdames John Steidle, F. C. Weber, Theo. Miller, Otto G. Koenig, C. A. Kuehn, G. B. Windler, H. G. Berning, Carl Beyer, F. H. Meinhardt, J. J. Beneke and Misses Matilda Meinhardt and J. Meinhardt. The election of officers took place. Mrs. John Steidle was elected president and Miss Matilda Meinhardt secretary and treasurer. The object of the circle is to meet once a month, to entertain visiting lady florists when in the city and to promote the interests of the Ladies' S. A. F. Each month one of the members will read

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



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Southern Wild Smilax

Gathered **for you** any day.
October 1 to Easter.
To the **Florist Trade** only.

R. M. WOMACK, Wills Point, Tex.

Mention The Review when you write.

a paper on something interesting to the circle. By vote it fell to the lot of Mrs. J. J. Beneke to entertain with a paper at the next meeting. After the meeting, coffee and ice cream were served, which will be the feature at the close of each meeting. The next meeting place and date have not as yet been decided upon. The call will be made by the secretary.

Various Notes.

Mr. Kelley, of the Kelley Floral Co., says business has been satisfactory in the cut flower line since the first of the year. For goldfish, of which the firm makes a specialty, they find a great sale.

William Hernely has charge of the Michel Plant & Bulb Co. for Receiver Coleman. The place will soon be advertised for sale by Mr. Coleman.

Our nurserymen say that they expect a great call for California privet this spring, as the continuous cold weather has frozen them all out. The fine hedge around the city hall will have to be replanted.

Frank Vennemann, W. A. Rowe, John Connon, Charles D. Hecht and William Wenzel were the suburban members who attended the Florists' Club meeting January 13.

Frank B. Coleman announced January 17 that the bankrupt auction sale of the Michel Bulb & Plant Co. would be held Tuesday, January 18, at 10 o'clock, everything to be sold in bulk or in lots to suit the buyers.

C. A. Kuehn is receiving a lot of Mexican ivy, which has taken a good hold on the trade here, and the demand is increasing daily.

Sam Seligman, representing Wertheimer Bros., New York, and F. Wakeham, Brooklyn, were callers last week.

J. J. B.

Please omit my advertisements of vincas and dracænas, for they have sold them all.—Dana R. Herron, Olean, N. Y.

Mount Gilead, O.—Armondo L. Munk was adjudicated bankrupt January 11, and notices were issued to the effect that the first meeting of the creditors would be held January 25.



Better be safe than sorry



When you buy a business wagon you owe it to yourself to make a thorough investigation and when you do so, consider quality even more than price, and remember that it is not what you pay that should determine where you should buy, but it is what you get for what you pay.

Buy an ARMLEDER Wagon

and you get the highest quality at the lowest price, because we are the largest exclusive business delivery wagon builders in the world. EASY TERMS.

You need our Catalogue I. It's free, but you must ask for it.

Just Address ARMLEDER, Cincinnati, Ohio

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New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

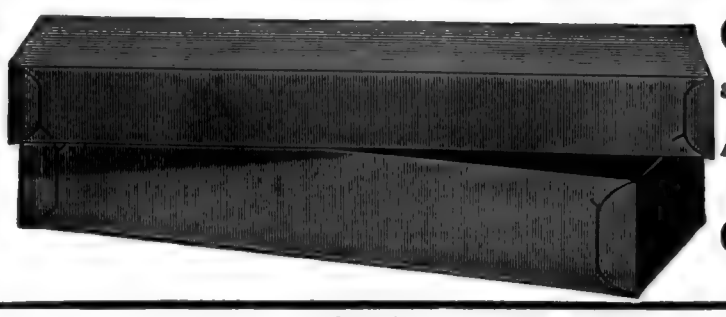
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Case or carload lots. Get my prices; it will save you money.

WM. MURPHY, 311 Main Street, CINCINNATI, OHIO

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Cut Flower and Design Boxes

All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

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Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

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Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.

New Reduced Price List



To fit	Per doz.	100
4-in. pots	$1.00	$ 7.00
5-in. pots	1.10	8.00
6-in. pots	1.20	9.00
7-in. pots	1.35	10.00
8-in. pots	1.60	12.00
9-in. pots	1.85	14.00
10-in. pots	2.10	16.00
12-in. pots	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
W. H. GREVER, Manager
146 Hughes Avenue, BUFFALO, N. Y.

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Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross

NOTHING LIKE IT FOR THE MONEY

Gustave Schroeder, Artificial Flower Manufacturer
1524 Prospect Ave., Cleveland, O.

Samples sent on receipt of 16c to cover postage.

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FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

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Perpetuated and Natural Sheet Mosses

Southern Wild Smilax

E. A. BEAVEN, Evergreen, Ala.

FERNS and GALAX

New crop, fresh from the patch.

Fancy and Dagger Ferns, 70c per 1000.
Green and Bronze Galax, 50c per 1000.
Green Leucothoe Sprays, $2.00 per 1000; short, 12 to 16 in., $1.00 per 1000.

Discount on large orders. 10 years' experience. Cash with first order.

R. L. HODGES, Banners Elk, N. C.

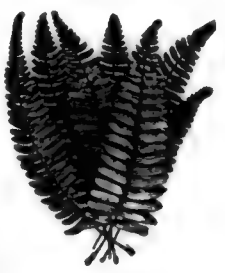
HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS

CUT FLOWERS OF ALL KINDS



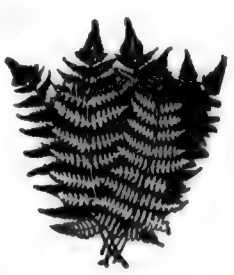
Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph
Tel. 2617-2618 Main; Fort Hill 25290.



15 Province St., and 9 Chapman Place, BOSTON, MASS

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J. H. VON CANON & COMPANY



Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.

Orders sent by freight are packed in moss

All orders filled promptly. **BANNERS ELK, N.C.**

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Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

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WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green, regular sizes	$0.50 per 1000	
Galax, green, violet size, 2 to 3½ inches	.40	"
Galax, bronze, regular sizes	.50	"
Galax, bronze, 2 to 3 inches	.40	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"

Special prices on lots of 100,000 and up.

Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.

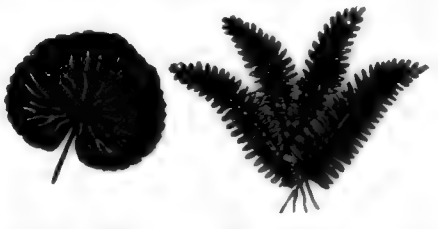
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Southern Wild Smilax

Ferns, Pines, Palms, Holly

Louisville Floral Co., Louisville, Ala.

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GALAX LEAVES. DAGGER FERNS.

Dagger Ferns or Fancy Galax Leaves, bronze or green; all A-1 stock guaranteed. Can also send samples. Once tried you will always use our stock. **A. L. FORTUNES**
70 Liberty Street, Brooklyn, N. Y.

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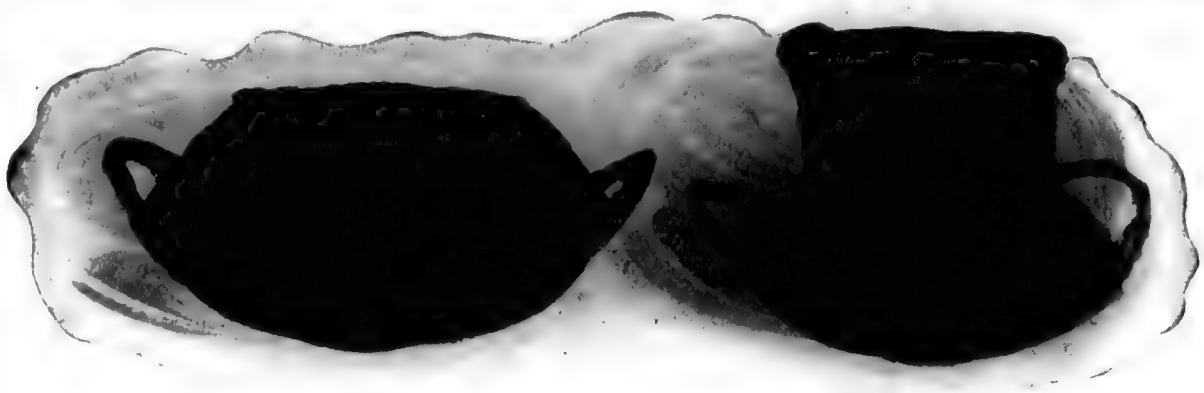
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CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

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No. 73 Arab

No. 78 Persian

Florists' Baskets

These baskets are especially suitable for palms and ferns, though when filled with roses or other large flowers, are strikingly beautiful. Brighten up your stock with some of our new ideas in baskets for your Easter trade—any that do not please, you may return—try a few.

Madison Basketcraft Co., Madison, O.

Send for finely illustrated catalogue.

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WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By florist, English, middle aged; good grower; references; wages $75.00 per month Address No. **113,** care Florists' Review, Chicago.

SITUATION WANTED—By a good grower of roses, carnations, mums and general stock; also designing; state wages in first letter. Address No. **159,** care Florists' Review, Chicago.

SITUATION WANTED—As assistant gardener on private place; five years' experience; age 25; good references; vicinity of New York. Address No. **130,** care Florists' Review, Chicago.

SITUATION WANTED—As designer and interior decorator, by a young man of experience; can give references; good salary an object. Address Chas. C. Chollar, 1417 W. 5th St., Fort Worth, Tex.

SITUATION WANTED—By single man. 10 years' experience in roses, carnations, mums, all pot and bedding stock; good designer; first-class references. Address No. **141,** care Florists' Review, Chicago.

SITUATION WANTED—By young man, grower of roses, carnations, mums, pot and bedding stock; able to take charge; excellent habits; please give full particulars. Address No. **142,** care Florists' Review, Chicago.

SITUATION WANTED—By young man, as assistant gardener on private or commercial place; age 25; experience, ten years; open for engagement middle of March. Address No. **152,** care Florists' Review. Chicago.

SITUATION WANTED—As foreman or grower by reliable grower of cut flowers, potted plants, designer, etc; 12 years' experience; single; best references; reasonable wages. Address No. **135,** care Florists' Review, Chicago.

SITUATION WANTED—Mushroom growing and spawn making; a Scotchman, experienced seeks situation at same; photos can be sent; also experienced in nursery work; age 23. Apply John Taylor, Cedar Grove, Dirleton, Scotland.

SITUATION WANTED—By a capable, active, married German, 39 years of age, as foreman or grower of roses, carnations, mums and pot plants; a life experience; please state wages in first letter. Address No. **154,** care Florists' Review, Chicago.

SITUATION WANTED—By a capable, active, single, 38 years of age, German-American, thoroughly understanding growing general stock for retail trade, including outside planting and management; I am willing to take place that has a future, at a very reasonable price. Address No. **123,** care Florists' Review, Chicago.

SITUATION WANTED—For next spring; industrious, reliable, landscape gardener and florist, 28, married; life experience in park, cemetery and private gardening; gardener, college graduate; planting plants prepared; will go anywhere; life job preferred; good wages expected; references. Billy Heyden, 213 North 4th St., Harrison, New Jersey.

SITUATION WANTED—By a married man, after January 10th; a first-class grower of carnations, mums and general stock; strictly sober and not afraid to work; fully capable of taking charge; can furnish excellent references from former employers; state wages in first letter; answers from up-to-date place only expected; in central or southern Indiana, Ohio or Kentucky. Address No. **145,** care Florists' Review, Chicago.

SITUATION WANTED—At once; by gardener and florist, experienced in mums, carnations, pot planting, early vegetables and general greenhouse work; age 45; German birth; expect boarding and room; please state wages in answering. Address William Kraus, General Delivery, Pittsburg, N. S., Pa.

HELP WANTED—Sober, reliable man to take charge of new range, carnations and roses; state experience and salary expected. Thos. Franks & Son, Champaign Ill.

HELP WANTED—A good man for ferns, azaleas, mums and general greenhouse work; wages $15.00 a week. Address No. **103,** care Florists' Review, Chicago.

HELP WANTED—A young man to assist in rose growing; one with experience preferred; wages $12 per week to start; references. J. P. Russell, Chatogue Greenhouses, Mobile, Ala.

HELP WANTED—All-round man, must have had experience in filling veranda boxes and vases; must be quick workman; reference required. Address No. **157,** care Florists' Review, Chicago.

HELP WANTED—Grower for carnations and bedding plants; must be reliable and a hustler; young married man preferred; an up-to-date place in northern Michigan. Address Box 73, Chassell. Mich.

HELP WANTED—We have a good opening for a young man well up in growing plants for retail and catalogue trade; state experience, wages expected, and present situation. Joseph Bancroft & Son, Cedar Falls, Iowa.

HELP WANTED—At once; competent man to take charge of 2000 ft. glass, garden and lawn; house for married man; must be a hustler, sober and honest; wages right to right party. Address H. W. Girton, Ridgway, Pa.

HELP WANTED—Assistant; reliable young man with some experience as grower; competent to wait on trade when needed; retail place, 15,000 feet glass; good opening. Address No. **147,** care Florists' Review, Chicago.

HELP WANTED—A good, reliable man, strictly sober, to take charge of growing cut flowers and bedding plants for a small retail business; state wages with board, room and washing. Address City Greenhouse, Newton, Iowa.

HELP WANTED—At once; a young single man, good all-round greenhouse man who understands growing ferns, mums and a full line of bedding plants; must be a good, steady, sober man. Address Fred Bartsch, R. F. D. No. 2, Greenshaw, Pa.

HELP WANTED—Experienced landscape man to work in our city department; one who is capable of planting nursery stock, and able to work other men; must be a salesman; only first-class men need apply; state wages. Address The Livingston Seed Co., Columbus, O.

HELP WANTED—Experienced manager greenhouses, vegetables, flowers, with three to five thousand to invest in greenhouses; sixty by one hundred fifty in operation; 4 acres; growing western city, two hundred fifty thousand. Address No. **109,** care Florists' Review, Chicago.

HELP WANTED—Thoroughly experienced man to grow carnations, roses and mums; strictly sober, honest and reliable; no others need apply; must be good willing worker and well recommended; will pay $15.00 per week; state age and nationality. Chas. A. Moss, Spartanburg, S. C.

HELP WANTED—At once; a good all-round greenhouse man to grow stock for retail catalogue place; a good propagator, not afraid of work, sober and reliable; able to take charge when needed; state wages, nationality, married or single and reference in first letter. J. E. Jackson, Gainesville, Ga.

HELP WANTED—By Feb. 1st; gardener and florist for private place near Chicago; as second man. Apply stating wages with room and board; must be a hustler. Address No. **151,** care Florists' Review, Chicago.

HELP WANTED—Young man between 18 and 21 years, with some experience in greenhouse work and hotbeds; one who is willing to learn plant and nursery business preferred; state wages with good room and board; good opportunity for one willing to learn. Apply Kenbrook Seed Farm, Milford, Va.

HELP WANTED—A growing shipping place offers a good opening for a bright young man; exact worker and a good propagator, one who is not afraid to take any job and is willing to grow up with the business and start with moderate salary; can work himself into a good position and gain interest in the business; state age, experience and salary wanted in first letter. J. L. Schiller, Toledo, O.

HELP WANTED—Thoroughly experienced man to take charge of our greenhouse and nursery department; one who has had considerable business experience, and is able to handle 20 to 30 men; must know all about greenhouse work, and considerable about growing nursery stock; a good position for the right party; only first-class men need answer; state wages wanted; married or single. Address The Livingston Seed Co., Columbus, O.

WANTED TO RENT—Retail greenhouse property in Ohio or middle west, of 5000 to 10,000 feet. Address No. **144,** care Florists' Review, Chicago.

WANTED TO RENT—Small greenhouse property, with mushroom house preferred. Address, giving particulars, Wm. Kirkham, Mt. Vernon, Ind.

WANTED—A first-class grower, middle-aged, sober and industrious, one who is matrimonially inclined. Address No. **149,** care Florists' Review, Chicago.

FOR SALE OR RENT—Greenhouse, store, dwelling and stock complete; located on main street in growing south side suburb of Chicago. Owner, 731 Barry Ave., Chicago, 1s. flat.

WANTED—A hot water heater to heat a house 21x112x8 ft., or about 3000 ft. glass; temperature 55 to 60 degrees, 8 below zero; will some one that knows, suggest a good heater to me? Alfred Runnion, Sheldon, Ill.

WANTED—Positions near New York and Philadelphia for graduates of the Baron de Hirsch Agricultural School on gentlemen's estates and commercial florists, as greenhouse and garden help. Apply to H. W. Geller, Supt., Baron de Hirsch Agricultural School, Woodbine, N. J.

A YEAR'S ADVERTISING FOR $2.00—Send for the 1910 Floral Ad. Series; fifty-two strong, business pulling ads. for two dollars; hundreds of florists used them with great success last year; if you want more business send for the series today; money back if dissatisfied. Floral Advertising Club, Newburgh, N. Y.

PARTNER WANTED—Married man, with some capital, to take interest with a prosperous florist, landscape gardener and vegetable grower near a large city; must be a good grower and manager in bedding plants and nursery; honest, sober and industrious; excellent opportunity. Address No. **134,** care Florists' Review. Chicago.

FOR SALE—Nurseries, greenhouse and retail business in rapidly growing town; write for particulars. H. A. Curtis The Florist, St. Petersburg, Fla.

FOR SALE—3400 ft. glass, well stocked with carnations, lilies and potted plants; city 25,000, in Iowa; 8-room dwelling, 6 lots. Address No. **114,** care Florists' Review, Chicago.

FOR SALE—10,000 ft. of glass on leased land on which the lease has 7 years yet to run; located near three cemeteries and have good trade; will sell all or take partner. Address Jacob Russler, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—$1800 cash will buy a first-class florist store, good will; finest reputation, and excellent references from wholesalers, established 20 years and doing a good business; going into other business. Cella's, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—One Lord & Burnham sectional hot water boiler, No. 824; 200 10 ft sashes, 1700 ft. 2-in. and 200 ft. 3-in. pipes; the whole positively used but a short time and guaranteed in perfect condition. Address No. 146, care Florists' Review, Chicago.

FOR SALE—One Marsh steam pump water motor, runs with water pressure of 50 pounds, cost us $175, will sell for $50; 2, 2½-inch Jennings valves, at $2.50 each; all in good shape; packed; F. O. B. Kendallville; would exchange for anything we can use. The Johnson Floral Co., Kendallville Ind.

FOR SALE—Greenhouses and store; the only florist business in city of 25,000; modern and newly built greenhouse, 22,000 ft. glass; 5-room house and everything that is needed in the business; I am leaving for Europe; do not answer unless you have the money. Address Muskogee Carnation Co., C. E. Taube, Manager, Muskogee, Okla.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors 11-ft high 14-ft. long, 6 ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass price f.o.b. Pittsburg, $140.00. A W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—House and lot with small greenhouse; both house and greenhouse are heated by steam from one boiler; good sized garden, hen house and barn with the place; next to Oakwood cemetery; only greenhouse in town; good place for one to grow stock at wholesale, and sell at retail; will sell for $1400. A. R. Ellis, Chittenango, N. Y.

FOR SALE—Three greenhouses 8000 square ft. glass, in city of 30 000 inhabitants; growing business and good trade; cottage, five rooms, adjoining same; good water; hot water heating; plant practically new; reason for selling, death of proprietor, and no one to continue the business; terms reasonable. Address No. 137, care Florists Review, Chicago.

FOR SALE—First-class retail florist's business, doing the best trade in fast growing city of hundred and fifty thousand population; without doubt one of the best opportunities on the continent today; proprietor's health compels him to retire; would retain interest if desired, assisting with introductions, advice, etc Address No. 111, care Florists' Review, Chicago.

FOR SALE—Greenhouses, 8000 feet; one block land, 575x255; within city limits, near union depot, within ten minutes' walk of main business section; established ten years; or will go into partnership with responsible party; demand requires from 15 to 20,000 ft. of additional glass; no competition to speak of within a circle of 300 miles. Address Thomas Biernstad, Baker City, Ore.

FOR SALE—An Orr & Lockett's florists' refrigerator; made of ash; has mirrors in ice doors and ends of ice chambers, beveled glass in front and ends of floral chamber; the doors to the floral chamber are in front; used 6 months; no better refrigerator made; dimensions outside width, 44 in.; depth, 32½ in.; height, 77 in.; a bargain if taken soon. The El Paso Carnation Co., El Paso, Ill.

FOR SALE—A greenhouse property centrally located in the middle west, 25,000 ft. glass; majority houses only 3 years old, all in good condition; trade well established; stock in first-class condition; carnations, roses, chrysanthemums, sweet peas, callas, lettuce and bedding stock; terms reasonable, with small amount of cash; an opportunity seldom offered to secure a good paying business. Address No. 131, care Florists' Review, Chicago.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways; orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. 84, care Florists' Review, Chicago.

FOR SALE—12 acres rich black soil, with three greenhouses, near city. H. W. Williams, 424 Fulton St., Peoria, Ill.

FOR SALE—Half interest in $16,000 wholesale and retail place near Chicago; 25,000 ft. glass, stocked with roses and carnations; seven acres planted in fruit; two dwellings, horses, cows, wagons, buggy, tools, etc., $2500 cash, balance ($5500) $500 per annum, 5 per cent interest; possession March 1st. Address No. 153, care Florists' Review, Chicago.

FOR SALE—Three greenhouses, built in 1905; 50 x100 feet in size, with show houses, 15 x 30 feet; Dietsch construction, Carmody ventilators, 5500 feet of 14x20 double-thick glass; houses heated by 30-horse flue boiler and 2400 feet of 4 inch piping; hot water heat; plant complete with office and workshop; plant is situated in the wealthiest town of 6000 inhabitants in New York State, about midway between Rochester and Buffalo, on the Falls branch of the N. Y. C. R. R.; good retail and wholesale business, with Protestant and Catholic cemeteries within few minutes' easy walking distance; everything new and up-to-date, including all tools, sod-crusher, etc.; entire plant will be sold for less than the material could be bought for new today; title perfect; reason for selling, owner obliged to move to south on account of health of family; for blue prints of plant, description, price, terms and full particulars, address Highland Real Estate Company No. 111 Linden Ave., Memphis, Tenn.

Situation Wanted

By the 1st of January or later, by reliable and experienced florist and gardener, single. 34 years; first-class references furnished; please state particulars. Address No. 79, care Florists' Review Chicago.

Situation Wanted

As manager for gentleman's place, public institution, park, cemetery, etc.; practical experience in all branches; reference, first-class. Address with particulars, C. L., care Joseph Linfoot, 1015 E. McMillan St., Cincinnati, O.

SITUATION WANTED

By a grower of ornamental nursery stock; Hollander, single; 14 years' experience in growing roses, shrubs, etc.; wants position as foreman; also willing to work in a good florist business where roses, carnations, etc., are grown; good reference; state full particulars in first letter; open for engagement at once Address No. 106, care Florists' Review, Chicago.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. 48, care Florists' Review, Chicago.

Shippers, Attention

We can use to advantage, good Roses, Daffodils, Freesia, Tulips, Lilies and Greens; will either buy outright or sell on commission.

Address No. 158,
Care Florists' Review, Chicago.

NOTICE

Members of the Illinois State Florists' Association. Notice is hereby given that at the next annual meeting, to be held at Urbana, Ill., Feb. 15 and 16, 1910, a resolution will be presented proposing to amend Section 8 of the Constitution to read as follows:

The Association shall hold its annual meeting and exhibition on the 4th Tuesday of February at Urbana, Ill. Ten members to constitute a quorum. J. F. AMMANN, Sec'y.

Wanted

A first-class grower of a general line of pot plants; must be able to grow good specimens of Easter and Christmas plants which are needed by a leading retail florist; a good position for the right man; immediate employment; state experience, references and salary expected at first writing; location is the leading city in the south. Address No. 156, care Florists' Review, Chicago.

WANTED

Gardener and greenhouse man; must be first-class, willing, sober, and come well recommended. Koropp 4509 Evanston Ave., Chicago.

Wanted

A first-class rose and carnation grower; in Pennsylvania; wages $18.00. Address No. 150, care Florists' Review, Chicago.

For Rent

Greenhouse, 12,000 ft. glass, stocked with sweet peas, carnations, bedding plants; good house; 10 acres land; near Chicago; $50.00 per month. Address No. 155, care Florists' Review, Chicago.

For Sale Cheap

Greenhouses, within 80 miles of Chicago, covering 48,000 ft. 16x24 double glass; 2 houses, each 225x24½; 2 houses, 120x40; 2 houses, 120x24½; small connecting houses; propagating house, 100x7; heated by two steam boilers, 60 and 80 horse-power; 75 foot brick stack; cement flower cellar, 30x14; office and potting building, 120x14. Address No. 148, care Florists' Review, Chicago.

FOR SALE

Well established florist business in town of 7000 in southern Indiana; consists of 3 houses—6000 sq. ft. of glass, well stocked with carnations and general line of plants for retail trade; a dwelling, seven rooms, and several acres of ground; no opposition; price $4,500.00; part cash and rest on easy payments to suit purchaser; can give possession at once; correspondence invited. Address No. 125, care Florists' Review, Chicago.

For Sale in Oklahoma,
Greenhouses and Store

Muskogee Carnation Co. will sell up-to-date greenhouses and store to a cash purchaser; the only florist business in city of 25,000 inhabitants; the business will pay for itself in 4 years and the property will DOUBLE itself in 1 year; the finest place to be seen anywhere; come and see it for yourself, I know you will like it.

Muskogee Carnation Co.
C. E. Taube, Manager. **Muskogee, Okla.**

STORE AND RETAIL BUSINESS
FOR SALE

A fully equipped and only store in town of 15,000 in New York State the entire good will and an established business for more than 15 years; business now $8,000 to $10,000 per year and can be much increased by a good live man; on account of poor health am willing to sell at a sacrifice and $3,000 will buy it. If you mean business

Address No. 81,
Care Florists' Review, Chicago.

For Sale!
A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address
No. 68, Care Florists' Review Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street **Cable Address: ALEXCONNELL** **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2340 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

Iowa Seed Co., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

41 North Pearl St., - ALBANY, N. Y.

Wm. L. Rock Flower Co.

Rock's Flowers Kansas City

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Sharkey

FLORIST

Phone 5195 Madison Sq.

Late with Thos. Young, Jr.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Steamer and Theater Work My Specialty

OSTERTAG BROS.

Washington and Jefferson Aves.

Both Long Distance Phones, St. Louis, Mo.

ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held Friday, January 14, in its rooms in the Lindsley building. The annual installation exercises for the new officers were held and reports as to the condition of the society, etc., were given.

The following officers were installed: President, Albert F. Larson, gardener for A. B. Jenkins; vice-president, D. Kindsgrab, gardener for William Runkle; secretary, William Reid, gardener for S. & A. Colgate; treasurer, Walter M. Gray, of Maplewood.

J. B. Davis.

DAYTON, OHIO.

The Market.

No great change has taken place in business during the last week. The weather still continues to be all against crops, and stock remains extremely scarce, while orders, of course, come in heavier right along. Stock, according to complaints, appears to be at a premium throughout this section of the country. The dull weather seems to have a greater effect on roses, for which there is an enormous demand and a scant supply. Carnations, however, are not quite so scarce, but still it is impossible to fill all orders for them, and the same condition holds true with callas. Longiflorums have, seemingly, been taking a vacation since before the holidays, but at the present time there are a few Formosums on the market, while Romans, Paper Whites and lily of the valley are quite plentiful and help out wonderfully in designing, now

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

The Flower Shop

136 West 42nd Street

Telephone 259 Bryant **New York**

In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

SATISFACTION GUARANTEED

The West View Floral Co.

105 Peachtree St., Atlanta, Ga.

Choice Flowers Rare Plants For All Occasions

B. SCHROETER

59 Broadway

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MICHIGAN

DRUMM SEED and FLORAL CO.

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Headquarters for Cut Flowers and Funeral Designs

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DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones 4025-40x6, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union **Established 1874**

WARENDORFF
NEW YORK CITY.
The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.
Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High St., COLUMBUS, OHIO

JULIUS BAER
138-140 E. Fourth St.
Long Distance Phone
Cincinnati, Ohio.

Seattle and Coast
Orders Carefully Filled
Graff's Flower Shop
923 1st Ave., Seattle, Wash.

LINCOLN, NEB. CHAPIN BROS.
Retail Florists
Flowers for all occasions, from cradle to grave.

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

MOBILE, ALABAMA
The Minge Floral Co.

The Anderson Floral Co.
ANDERSON
533 Marshall Ave., SOUTH CAROLINA

TERRE HAUTE, IND.
JOHN G. HEINL & SON, 129 South 7th Street

Mrs. M. E. Hollcraft
807 Kansas Ave., TOPEKA, KAN.

BERTERMANN BROS. CO.
LEADING FLORISTS
241 Massachusetts Ave., Indianapolis, Ind.

Minneapolis Floral Co., Wholesale and Retail Florists
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

Washington, D. C.
14th and H Streets

Blackistone

Also
1601 Eutaw Place,
Baltimore, Md.

CLEVELAND
..The..
J. M. Gasser Company
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

THE SMART SET FLORAL CO.
Broadway and 83rd Street
NEW YORK
Telephone 1790 Riverside.
Prompt and personal attention given your orders by expert artists.

that other stock is so scarce. We are getting plenty of rain and high water just now.

Various Notes.

At the January meeting of the Dayton Florists' Club it was decided to have another florists' banquet. Last year the ladies were given full charge of the banquet arrangements, which proved satisfactory to all, so this year the club decided to let the ladies take full charge again. Mrs. Bertha Hendrichs and Miss Ruby A. Bartholomew were appointed as a committee of two to go ahead with the arrangements. The date for the banquet has been set for February 9.

J. W. McNary, of this city, was elected president of the Ohio Nurserymen's Association, which held its meeting at the Vendome, at Columbus, Ohio. Election of officers took place December 12.

Wm. F. Ritter is able to be out again after an illness of several weeks.

D. Rusconi and Mr. Courtland, of Cincinnati, Ohio, called at the home of George Bartholomew January 16.

Mrs. Elizabeth Young, who has been confined to her home with lumbago, is able to be back at her store again.

While engaging in his daily gymnastic stunts, M. Anderson in some way sprained his neck.

Warren G. Matthews, proprietor of the Dayton Floral Co., entertained his employees, their wives and sweethearts, at a banquet on January 12, at the Atlas hotel. It is reported that the affair was

JOHN WOLF
SAVANNAH, GA.
Wholesale and Retail **Florist**

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

C. C. POLLWORTH CO.
WHOLESALE FLORISTS
Milwaukee, Wis.
Will Take Proper Care of Your Orders in **WISCONSIN**

ST. LOUIS, MO.
Flowers Delivered in City or State on Short Notice
F. H. WEBER
BOYLE AND MARYLAND AVENUES
Both Long Distance Phones

WILLIAM J. SMYTH
FLORIST Cor. Michigan Ave. and 31st St., Chicago
We ship to all points in Illinois and Iowa.
PHONES:
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ADVANCE FLORAL CO., Five Phones.
C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, DAYTON, O.

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

Louisville, Ky.
JACOB SCHULZ, 550 So. Fourth Ave.

A. C. BROWN, SPRINGFIELD ILL.
LARGE GREENHOUSES

LEADING RETAIL FLORISTS

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BUFFALO
S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

SAMUEL MURRAY
....FLORIST....
1017 Broadway, KANSAS CITY, MO.
Write, Telephone or Telegraph.
All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.
Wholesale and Retail Florists
906 Grand Avenue, KANSAS CITY, MO.
All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by
George H. Berke
1505 Pacific Ave.

Write, Wire or Phone Your Orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2306; Kinloch, Central 4981

J. W. WOLFSKILL
FLORIST
Telegraph Orders a Specialty.
218 W. 4th St., LOS ANGELES, CAL.

The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.
40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

GEO. A. HEINL, LEADING FLORIST, TOLEDO, OHIO
ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON
CLARKE BROS. 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON, St. Paul, Minn.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....
IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART
119 No. 16th St., OMAHA, NEB.

J. J. BENEKE
1216 Olive St., ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

Teresa Badaracco
Art Florist ST. LOUIS, MO.

greatly enjoyed by all, the table being spread for fourteen.

Henry Ehrhard, of Sidney, Ohio, was in town again last week. Mr. Ehrhard is quite a frequent visitor to Dayton.

The Hiess Co. reports that stock is extremely scarce and business keeps up fine.

Arthur Carey spent Saturday and Sunday of last week in Cincinnati, Ohio.

The Miami Floral Co. has a fine house of 40,000 giganteum coming on that look most promising for Easter. They are now commencing to cut some fine Formosum and lily of the valley.

Word comes from Wm. C. Hood, who left here for South Pasadena in October, that while he likes California first-class, still he gets homesick to see his old friends in the east. R. A. B.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Baltic	New York	Liverpool	Jan. 22
Philadelphia	New York	S'hampton	Jan. 22
Lapland	New York	Antwerp	Jan. 22
California	New York	Glasgow	Jan. 22
Haverford	Philadelphia	Liverpool	Jan. 22
Carolina	New York	Porto Rico	Jan. 22
Clyde	New York	Jamaica	Jan. 22
Carmania	New York	Egypt	Jan. 22
Kronprinz Wm.	New York	Bremen	Jan. 25
Siberia	San Fr'isco.	Manila	Jan. 25
Grecian Prince	New York	Brazil	Jan. 25
Campania	New York	Liverpool	Jan. 26
La Touraine	New York	Havre	Jan. 27
Moana	Vancouver	Hawaii	Jan. 28
Oceanic	New York	S'hampton	Jan. 29
P. Lincoln	New York	Hamburg	Jan. 29
Cretic	New York	Italy	Jan. 29
Ponce	New York	Porto Rico	Jan. 29
Berlin	New York	Genoa	Jan. 29
Cincinnati	New York	Genoa	Jan. 29
China	San Fr'isco.	Hongkong	Feb. 1
Tango Maru	Seattle	Hongkong	Feb. 1
Umbria	New York	Liverpool	Feb. 2
Finland	New York	Antwerp	Feb. 2
Celtic	New York	Italy	Feb. 2
La Bretagne	New York	Havre	Feb. 3
Laurentic	New York	Liverpool	Feb. 5
New York	New York	S'hampton	Feb. 5
Columbia	New York	Glasgow	Feb. 5
P. Grant	New York	Hamburg	Feb. 5
Merion	Philadelphia	Liverpool	Feb. 5
Ortona	New York	Jamaica	Feb. 5

John King Dunn
Flower and Plant Shop
644 Madison Ave., just above Fifty-ninth St.
Phone 410 Plaza. New York City

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
336 Fulton St., Brooklyn, N.Y.

WELLESLEY COLLEGE
Dana Hall, Wainut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

Texas Dallas Floral Co.
DALLAS, TEX.
Choice Flowers always on hand. Grown here.

Rosemont Gardens
W. B. Paterson, Prop.
116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, Florists
Telephones 1501 and L 1582
1415 Farnum Street, OMAHA, NEB.

U. J. VIRGIN
838 Canal Street, New Orleans, La.

Evanston and Chicago
JOHN WEILAND EVANSTON, ILL.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

ATLANTA FLORAL Co.
41 Peachtree St. ATLANTA GA.

Spokane Florist Co.
SPOKANE, WASH. Up-to-date Florists

BEYER FLORAL CO., SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.

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BROWN

New York's Most Modern Florist Store

"The Belnord"

2360 Broadway

New York City

Telephone No., 1219 River
Personal Attention Given Your Orders.
Satisfaction Guaranteed.

Coombs LEADING FLORIST Hartford, Conn.

Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....

BOSTON AND ALL NEW ENGLAND POINTS

To THOS. F. GALVIN, Inc.

124 TREMONT ST. BOSTON

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand

McKenna

MONTREAL

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN.

WASHINGTON, D. C.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.

GUDE'S

The Park Floral Co.

J. A. VALENTINE
Pres.

DENVER, COLORADO

Jacksonville Floral Co.

20 Laura St. Jacksonville, Fla.

We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.

Choice Seasonable Flowers
ALWAYS ON HAND.

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" "	West View Floral Co.
Atlantic City, N. J.	Berke, Geo. H.
Baltimore, Md.	Blackistone, Z. D.
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Battle Creek, Mich.	Fisher Co., H. A.
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" "	Palmer & Son, W. J.
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"	Wittbold Co., Geo.
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" "	Gasser Co., J. M.
" "	Knoble Bros.
Columbus, O.	Livingston Seed Co.
Dallas, Tex.	Dallas Floral Co.
Dayton, O.	Advance Floral Co.
" "	Heiss Co.
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" " "	May & Co., L. L.
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" "	Gude Bros. Co.
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PLEASE discontinue our advertisements in the REVIEW. We are sold out and had to refuse orders.—A. H. CRAIG & SON, Strantham, N. H.

ENCLOSED you will find $1 for the renewal of our subscription to your valuable paper, the REVIEW. It is a welcome guest in our home and I believe it is getting better every year as it gets older. —H. F. F. Thorup, Salt Lake City, Utah.

Established 1857.

Wittbold FLORIST

737-739 Buckingham Place

L. D. Phone 558 Lake View CHICAGO

Send us your retail orders. We have the best facilities in the city.

Send Your **PHILADELPHIA** Orders to

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Sign of the Rose

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Write, Phone or Wire. 512 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.

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155,000 Sq. ft. of glass at your service Helena, Montana

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

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WANTED SQUASH SEED

Boston Marrow or Hubbard Squash to be used for culinary purposes, will buy in lots from 300 pounds up.

I. L. RADWANER

229 Broadway, NEW YORK CITY

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

VISITED NEW YORK: L. W. Wheeler, of Braslan Seed Growers' Co., San Jose, Cal.

WM. E. CAHILL, eastern representative of Stumpp & Walter Co., New York, is at home for a few days and reports a splendid prospect for spring in his territory.

ROBERT W. LEONARD, son of S. F. Leonard and a traveler for the Leonard Seed Co., Chicago, and Miss Allita F. Hotchkiss were married January 18 at Kalamazoo, Mich.

IN Holland the winter to date has been unusually mild but exceedingly wet. The heavy rains were almost as effective as early frost would have been in bringing outdoor work to an end. The growers would prefer a good blanket of snow.

A CORPORATION styled the Guaranteed Seed Corn Producers has been licensed to do business at Plano, Ill. The object is to grow and deal in seed corn and other seeds and grains. The authorized capital stock is $15,000 and the incorporators are J. R. Steward, G. S. Steward and M. J. Isaacs.

THE Holland bulb men, of whom scores now are canvassing the eastern half of the United States, are finding it hardly pays for time and carfare to visit some bulb forcers who formerly were good buyers. Bulb forcing has not been a gold mine the last few seasons. On the other hand, the big seed houses are selling more bulbs than ever, both to forcers for home trade and to those who use them for bedding.

A NEW retail seed company has been formed at Boston, Mass., by the consolidation of the Boston retail business of the Ames Plow Co. and Deere & Co. The new concern is named the Ames Implement & Seed Co. and has a capital of $100,000. It will act as the local retail agency of the two companies represented, with salesrooms at the present location of the Ames Plow Co., over Faneuil Hall Market. The present Boston retail agency of Deere & Co., known as the Haskell Implement & Seed Co., with salesroom at 21 South Market street, will discontinue business locally. The wholesale business of both the Ames Plow Co. and Deere & Co. will continue as heretofore.

LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

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C. C. MORSE & CO.

WHOLESALE SEED GROWERS

SAN FRANCISCO CALIFORNIA

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YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalog

Mention The Review when you write.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

Mention The Review when you write.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

Mention The Review when you write.

Onion Sets - Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

Mention The Review when you write.

ONION SEED

We grow the very best strains of Yellow, Red and White Globe seed. Grown on our own farms, with special reference to the needs of the planter. We can please you.

Write for booklet and prices.

LAUGHLIN SEED CO., Kenton, O.

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S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

BEAN, CUCUMBER, TOMATO

Radish, Pea, Muskmelon

Squash, Watermelon, Sweet Corn

CORRESPONDENCE SOLICITED.

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SEATTLE, WASH.

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PUGET SOUND CABBAGE SEED

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Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

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New York City Store, 82-84 Dey Street

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Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.

Correspondence solicited.

Mention The Review when you write

THE U. S. Department of Agriculture has issued a farmers' bulletin descriptive of potato culture on the irrigated lands of Colorado.

THE list of new corporations includes the name of the Rocky Ford Seed Growers' Association, incorporated at Rocky Ford, Colo., by Will Morrison, H. D. Clute and J. P. Mullowney.

IT is announced that the wholesale seed business founded in London, in 1876, by Alfred Watkins, has been converted into a private company under the title of Watkins & Simpson, Ltd., a number of the staff who have been associated with the business for many years being admitted to an interest. The company sends a portfolio to its American friends containing portraits of Mr. Watkins and fourteen of his staff, none of whom has



Bismarck Summer-flowering Stocks

(GILLYFLOWER)

Golden Ball—Canary Yellow

NOVELTY 1910

For the Gardener interested in Cut Flowers, this is just the right thing. **The Best Novelty in the World.** The Bismarck Summer-flowering Stock makes cone-shaped bushes, about 3 feet high, with wonderfully large, canary yellow clusters. It blooms throughout the entire summer season and even into the late fall. This Bismarck Summer Stock produces about 80% double flowers and is indispensable for the artistic work of the modern florist. When placed on the market in the form of a pot plant, it has no equal. **This Season's Best Novelty.** 1 packet, 15c; 10 packets, $1.25; 100 packets, $11.00.

Bismarck Stocks Snowball, Snow White Novelty of 1909

This new kind has the same good qualities as the above mentioned novelty. The flowers are very large, snow white and are splendid as cut flowers and for sale on the market. 1 packet, 15c; 1000 seeds, 50c; ¼ oz., $1.50; 1 oz., $5.00.

Giant Summer Stocks Gloria, Bright Blood Red—Excelsior Class.

Produces panicles of great length, bright and blood red; the flowers are gigantic. Great novelty. Fine for cut flowers. 1 packet, 15c; 1000 seeds, 65c.

Summer Stocks Himmelsauge (Eye of the Sky).

Belonging to the dwarf class; novelty; wonderful light blue color; the best for pot culture; produces from 80% to 85% double flowers. 1000 seeds, 30c; ¼ oz., 90c.

Dresden Summer Stocks, with large Blossoms and Everblooming.

Best for cut flowers. 1, apple blossom; 2, dark blue; 3, light blue; 4 flesh colored; 5, dark blood red; 6, chamois; 7, soft rose; 8, purple carmine; 9, red brown; 10, crimson; 11, canary yellow; 12, snow white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

Erfurt Summer Stocks, with Large Blossoms; Best for Groups.

1, brilliant rose; 2, carmine; 3, crimson; 4, dark violet; 5, dark blood red; 6, flesh colored; 7, canary yellow; 8, light blue; 9, aurora colored; 10, pure white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60

English Summer Stocks De Luxe Mixture, Seeds from the Open Ground.

¼ oz., 35c; 1 oz., $1.10.

Please Send Cash With Orders.

WEIGELT & CO., Seed Specialists, ERFURT, GERMANY

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F. J. Grootendorst & Sons

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Azaleas, Rhododendrons, Clematis,
Roses, pot-grown plants for forcing.
Buxus, Conifers, Japanese Maples,
Shrubs, Palms, Bulbs, Etc.

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of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

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Largest Importers, Exporters, Growers and Hybridists in the world.

SANDER, St. Albans, England

and 235 Broadway, Room 1, New York City

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HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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Write for Catalogue.

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Price list on application.

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Oldest Special House

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YOU Will find all the best offers all the time in the Review's Classified Advs.

Lily of the Valley

MANN'S EXCELSIOR

Are the finest in existence and their flowers fetch the best prices in the London market.
For quotations, please apply to

OTTO MANN, Leipzig, Saxony, Germany

CAULIFLOWER CABBAGE Seed

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

been less than nine years with the concern, and several twenty to twenty-five years. J. M. Bridgeford, the general manager, has been associated with Mr. Watkins for seventeen years.

The canners are asking for government inspection and labeling of their products, believing that such certificate of purity will lead to larger sales.

IMPORTS.

The imports of seeds through the port of New York for the week ending January 8 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Cardamom	15	$1149	Grass	255	$ 4756
Celery	50	704	Hemp	300	1183
Clover	30	611	Lycopod'm	10	804
Coriander	100	297	Mustard	300	1183
Cummin	50	390	Rape	13	64
Fennel	5	215	Other		13192

In the same period the imports of bulbs, trees and plants were valued at $15,806; peas, $8,196, and beans, $29,727.

A NEW GLADIOLUS.

At the flower show of July 26, 1909, at Haarlem, Holland, there was, among other important exhibits, a new gladiolus which attracted great attention. It was shown by P. Vos Mz, a florist of Sassenheim, and called Lemoinei Pink Beauty.

This gladiolus is, without doubt, an acquisition of great importance. If planted in the beginning of spring, it has stalks over three feet in length as early as the middle of June. The color of this flower is deep pink, with a dark purple velvet spot. The plant was grown from seed some years ago by C. Van Tol, of Katwyk. It flowers considerably earlier than the sorts Lemoinei and Gandavensis. P. Vos Mz, of Sassenheim, one of the greatest exporters of cut flowers in Holland, became owner of the lot for a good round sum.

It is generally agreed, here and elsewhere, that this is a sort with a great future. When there are few flowers, just when the need is most felt, this gladiolus is in rich, full flower.

During the present year this novelty will be put on the market by P. Vos Mz.

C. J. Speelman Sons.

CROSSING OF SWEET PEAS.

I was much interested in the synopsis of Mr. Cuthbertson's paper on "The Seeding of Waved Sweet Peas," as published in the Review of December 30.

I agree with Mr. Cuthbertson in his opinion that sweet peas rarely, if ever, cross accidentally. In making artificial crosses it is necessary to take the bud at an early stage of its growth—almost as soon as it shows its color. You will find almost without exception that an advanced bud has already fertilized itself.

I have never seen honey bees working on sweet peas, but have seen bumble bees doing so more or less, and these always operate on a fully expanded flower, standing with a foot on each wing, so as to drink from the base of the pistil. While they may carry away some pollen on their legs, I do not believe it possible to cross with another full blown blossom.

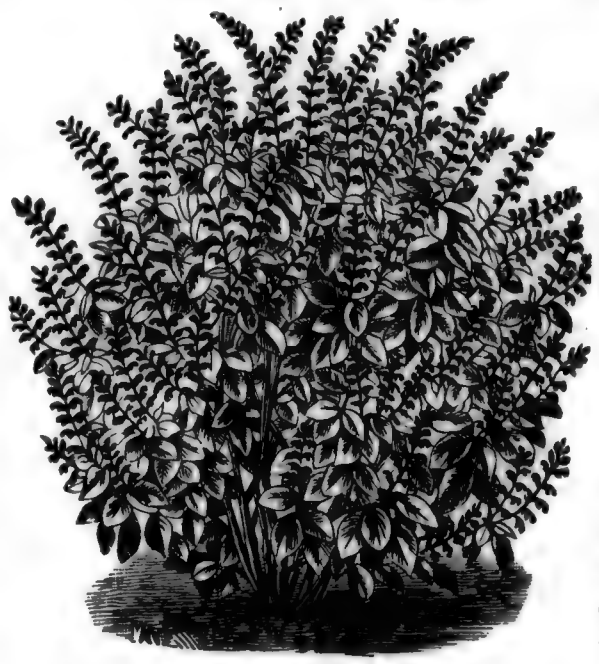
Just what is causing the phenomenal "breaking" in Spencers I do not know, and I am not yet ready to venture a theory.

Occasionally, in the past, we have had selections of grandifloras which we never could "fix," even after five years of constant work. We had a selection of our own, similar to Eckford's Mrs.

New Crop **Salvia Splendens**

or Scarlet Sage Seed

Carefully grown and of high germination.



SALVIA SPLENDENS BONFIRE

	Large tr. pkt.	Oz.
Salvia Splendens (Scarlet Sage)	$0.25	$1.00
" " per ¼ lb. $3.00.		
" " Clara Bedman or Bonfire, per ¼ lb., $6.50	.30	2.00
Mammoth Verbena, white, pink, scarlet, yellow, purple or mixed (1000 seeds)	.30	1.00
Myosotis Victoria, dwarf blue	.20	.75
Petunia, Superb Ruffled Giants, mx'd	1.00	
" Large Flowering Double Fringed, mixed (500 seeds)	.75	
" Giant Flowering Single Fringed, mixed (500 seeds)	.50	
" Dwarf inimitable (Nana Compacta)	.25	1.25
" Giant of California, mixed	.50	
Lobelia Erinus Crystal Palace Compacta, blue	.25	1.00
Stock Princess Alice (Cut and Come Again), white	.30	2.50
Stock Princess Alice (Cut and Come Again), mixed	.30	2.50
Thunbergia (Black Eyed Susan) mx'd	.10	.40

ASTERS—Queen of the Market		Tr. pkt.	Oz.
Dark Blue	Three weeks earlier than other Asters	$0.20	$0.60
Light Blue		.20	.60
Pink		.20	.60
Crimson		.20	.60
White		.20	.60
Mixed		.20	.60

	Tr. pkt.	Oz.
Alyssum—Benthami (Sweet Alyssum)	.10	.15
" Benthami, Tom Thumb	.10	.20
" Little Gem or White Carpet	.10	.25

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JOHNSON SEED CO., 217 MARKET ST., PHILADELPHIA

Mention The Review when you write.

FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Extra Early Hohenzollern, white, rose, The Bride	$0.20	$1.00
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple	.20	1.00
Giant Comet, The Bride, rose, yellow, blue, white, peach blossom	.20	1.00
Vick's Branching, white, lavender, light blue, purple, crimson, pink, rose	.20	1.00
Queen of the Market, white, pink, light blue	.10	.50
American Beauty	.20	1.50
Lavender Gem	.20	1.50
Snowdrift	.20	1.50
Antirrhinum—Giant, white, striped, scarlet, yellow, garnet	.10	.40
Pansy—Currie's International mixture, ⅛ oz., $1.25;	.50	8.00
Giant Florists' Mixture, ⅛ oz., .60;	.35	4.00
Salvia—Splendens	.15	1.00
Bonfire	.25	2.00
Zurich	.25	2.50
Verbena—Mammoth, white, pink, purple, blue, yellow, scarlet	.20	1.00

Send for new Catalogue and Trade Price List.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

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From BELGIUM Palms, Araucarias, Bay Trees, Azalea Indica, etc.

From HOLLAND Boxwood, Rhododendrons, pot-grown Shrubs for forcing, etc.

From GERMANY Valley Pips. Early or late forcing.

From ENGLAND English Manetti, selected for grafting.

From JAPAN Lilium Longiflorum Giganteum, Multiflorum, etc.

Full list Japanese, Holland, English and French Nursery Stock

Write for catalogues, special lists, etc., mentioning the class of stock you are interested in.

RAFFIA 5 grades. Bale lots only.

Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

McHUTCHISON & CO.

17 MURRAY STREET NEW YORK

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Camellias, Palms, Box and Bay Trees for spring or fall delivery. Imported to order; for prices, address

AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

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LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

OUR SPECIALTY

Next fall will be

LYCORIS SQUAMIGERA (Amaryllis Hallii.)

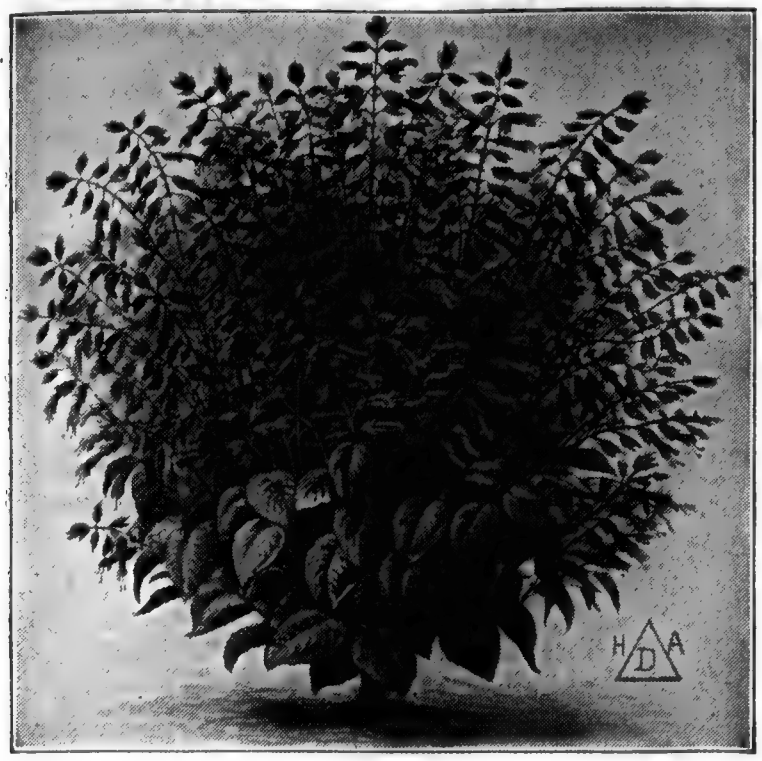
HOME-GROWN LILIUMS.

All varieties of German and Japan Iris.

——Write for prices.——

JOHN LEWIS CHILDS, Floral Park, N. Y.

DREER'S RELIABLE FLOWER SEEDS



SALVIA BONFIRE

We offer below a short list of flower seeds which should be sown early. New crops of same are now ready. For complete list see our current Wholesale Catalogue. If you have not received a copy we will send you one on application.

	Tr. pkt.	Oz.
Ageratum Blue Perfection, dark blue	$0.15	$0.50
Ageratum Cope's Pet, light blue	.15	.35
Alyssum Little Gem or Carpet of Snow, very dwarf	.15	.40
Antirrhinum Giant, white	.20	.50
" " scarlet	.20	.50
" " pink	.20	.50
" " garnet	.20	.50
" " yellow	.20	.50
" " striped	.20	.50
Begonia Semperflorens Vernon	.25	
Candytuft Empress, best white	.10	.20
Centaurea Gymnocarpa	.15	.35
" Candidissima	.25	.75
" Cyanus, new double blue	.25	.75
Cineraria Maritima Candidissima	.10	.20
Cobaea Scandens, blue	.15	.40
" " white	.20	.75
Delphinium Belladonna, new	.17	
Dracaena Australis	.15	.60
" Indivisa	.10	.30
Pennisetum Rueppelianum	.10	.25
Heliotrope Lemoine's Giant	.40	2.00
Ipomoea Grandiflora (White Moonflower)	.15	.40
Lobelia Crystal Palace Compacta, true	.25	1.00
" Emperor William	.25	1.00
" Speciosa	.15	.50
" Gracilis	.15	.40
Petunia Dreer's Superb Single Fringed	.50	
" Dreer's Superb Double Fringed, $1.50 per 1000 seeds.		
Pyrethrum aureum (Golden Feather)	.10	.25
Salvia Splendens, Scarlet Sage	.25	1.00
" " Bonfire	.40	2.25
" " Ball of Fire	.50	3.00
" " Burning Bush	.40	2.00
" " Zurich	.50	
Smilax	.10	.30
Solanum Capsicastrum	.10	.25
Stevia serrata	.20	.75
Stocks Large Flowering 10 weeks, blood red	.40	2.50
" " " " canary	.40	2.50
" " " " rose	.40	2.50
" " " " light blue	.40	2.50
" " " " purple	.40	2.50
" " " " pure white	.40	2.50
Stocks Cut and Come Again, white	.50	3.00
" " " " " rose	.50	3.00
" " " " " blood red	.50	3.00
" " " " " dark blue	.50	3.00
" " " " " yellow	.50	3.00
" " " " " lilac	.50	3.00
Thunbergia, mixed colors	.15	.40
Torenia Fournieri	.30	1.50
Verbena Mammoth, pink	.30	1.25
" " blue	.30	1.25
" " purple	.30	1.25
" " scarlet	.30	1.25
" " striped	.30	1.25
" " white	.30	1.25
" " finest mixed	.25	1.00

HENRY A. DREER 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

Knight-Smith, which was one of these. As soon as we saw Eckford's variety we anticipated the result as we all found it, and we all had to discard Mrs. Knight-Smith.

I believe we shall be able to fix most of the Spencers by simple but continuous selection. Countess Spencer itself now comes true and so do several others. The tendency is to revert to the hooded or grandiflora type, rather than to other colors, after the fixing is accomplished.

The failure of the blossoms to set seed is still a great mystery. The blossoms seem always to come to perfection and then drop off, just as they should fade and droop to make way for the pod. I have not been able, so far, to find the cause for this and am inclined to think it is the nature of the type. This characteristic certainly means a long blooming period and for the planter it means the very thing he wants.

LESTER L. MORSE.

FAST MAILS FOR FREE SEEDS.

A lot of newspapers are alarmed at the prospect that Congress will increase the rate of postage on newspapers, and some of the papers are joining in the fight on congressional free seeds, as witness the following:

"In its quest of means to reduce the government's seventeen-and-a-half-million-dollar postal deficit, Congress would do well to weigh the following incident: Sixty-one big mail sacks full of seed were received yesterday at the postoffice at Indianapolis, Ind., having come all the way from Washington. They were sent by a congressman of that district and constituted his 1910 allotment of seed. They had come by fast mail trains for which the United States pays thousands of dollars. And the congressman had used his postoffice frank in sending them.

"There you find one of the most fruitful sources of the postoffice department's annual deficit. Where is the business house that would think of sending garden seed in quantity by mail? Except under rare circumstances all such matter goes by freight. Nor does the trip from Washington to Indianapolis end the extravagance. At the latter city the congressman's secretary undid the sacks, took out several thousand packages and remailed them to constituents scattered over the state.

"For all of this the government must pay. The expense of the railway mail

Fine Aster Seed

Catalogue now ready

Vick & Hill Co.

P. O. Box 613 ROCHESTER, N. Y.

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Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

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COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

P. O. Box 1250 26 Barclay St., NEW YORK

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Every Florist Who Grows

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should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

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JAMES VICK'S SONS

ROCHESTER, N. Y.

Mention The Review when you write.

service for the past year has just been reported by Joseph Stewart, second assistant postmaster general, as more than forty-five million dollars. It would be profitable to know what part of that forty-five million is chargeable to congressional and departmental franks. More circumspect and business-like regulations for the use of the frank would undoubtedly cut down the enormous deficit."

AGRICULTURAL CHEMICALS.

The movement of all fertilizer material is large, and although the season has commenced later than usual, demand is more insistent and the volume has increased at a quicker rate than noted at the beginning of other seasons. Owing to the high price of cottonseed meal, the animal ammoniates are in big request, and on contracts covering needs for the season high values have been realized by the packers, who are in absolute control of the abattoir products. Dried blood is a little easier in the west, although this is only considered a dip, with higher prices yet to come. Tankage is unchanged. Sulphate of ammonia has been advanced again 2½ cents. Nitrate of soda is firmer and demand is slowly improving. Dried fish scrap is scarce, with prices unchanged, but wet scrap is still rather plentiful. The potash salts are going into consumption in large quantities, and spot stocks are small. No one evidently cares much about present syndicate developments, but it is generally believed that before long the independent interests will again become affiliated with the combination and prices become regulated by the latter, as was previously the case. The acid phosphate factories are busy and taking into immediate use all the arrivals of pyrites. For bone high values are ruling. The phosphate rocks are still slow of sale, but there is a stronger tone noted as the season advances.

AMMONIATES.	
Nit. of soda, 95%, per 100 lbs..	2.07½@ 2.10
Nit. of soda, futures, per 100 lbs.	2.10 @ ....
Sulp. ammonia, spot, 100 lbs....	2.65 @ 2.67½
Dried blood, New York, low grade	2.90 @ 2.95
Dried blood, Western, high grades, fine ground, f. o. b. Chicago	2.90 @ ....
Fish scrap, dried, f. o. b. works	2.85 and 10
Wet acidul'd 6 p. c. of ammonia per unit, f. o. b. works	2.35 and 35
Tankage, concentrated per unit, f. o. b. Chicago	.... @ 2.80
High grade tankage, f. o. b. Chicago	2.95 and 10
POTASHES.	
Double manure salt (48@49 p. c. less than ½ per cent chlorine), shipment, per lb	1.16½@ .... Basis 48 p. c.
High grade manure salt (90@93 per cent, sulphate potash), shipment	2.18 @ ....
Manure salt, in bulk, 20 per cent actual potash, per ton..	4.75 @ ....
Kainit, per ton	8.50 @ ....
Mur. potash, 80 per cent	1.90 @ ....
PHOSPHATES.	
Acid phosphate, per unit	.55 @ .60
Steamed bone, per ton	19.00 @19.50
Ground bone, per ton	26.00 @27.00
S. C. phosphate rock, ground, per 2,000 lbs. f. o. b. Charleston	6.75 @ 7.00
F. o. b. Ashley river, 2,400 lbs.	5.50 @ 5.75
do dried	7.00 @ 7.25
Florida high grade, phosphate rock, f. o. b. Fernandina, per ton	7.00 @ 7.50
Florida land pebble and phosphate rock, f. o. b. Tampa, per ton	3.75 @ 4.00
Tennessee phosphate, f. o. b. Mt. Pleasant, domestic, per ton	4.25 @ 5.80

According to statement of Mortimer & Wisner, the imports of nitrate of soda into Atlantic ports from the west coast of South America in 1909 amounted to

S. & W. Co.'s Begonias and Gloxinias



Our stock of these bulbs are the best and finest strains in existence; we have been supplying the same customers for the past ten years with our strains, and adding new customers each year.

Begonias

SINGLE

Scarlet, 1¼ to 1½ in., Dark Red, Pink, Rose, White, Yellow, Orange, Salmon, Mixed — 40c per doz. $2.50 per 100

DOUBLE

White, Yellow, Orange, Rose, Dark Rose, Dark Red, Red, Salmon, Mixed — 65c per doz. $5.00 per 100

GLOXINIAS—S. & W. Co.'s Superb Strain

	Doz.	100
Emperor Frederick, red, bordered white	$0.75	$5.00
Emperor William, violet, bordered white	.75	5.00
Princess Elizabeth, white, bordered blue	.75	5.00
Mont Blanc, pure white	.75	5.00
Violacea, dark violet	.75	5.00
Queen Victoria, dark rose	.75	5.00
Princess Mathilda, white, bordered rose	$0.75	$5.00
Madame Helene, white, crowned violet	.75	5.00
Defiance, scarlet	.85	6.00
King of the Reds, deep scarlet	.85	6.00
Prince Albert, dark violet	.85	6.00
Finest Mixed	.60	4.00

Stumpp & Walter Co. 50 Barclay St., NEW YORK

Mention The Review when you write.

Stokes' Standard Seeds New Crop Flower Seeds

We offer you these flower seeds knowing that their quality will make you wonder whether they are not well worth double the price asked.

	Tr. pkt	Oz.
Mammoth Verbena White, pink, scarlet, purple, each	$0.30	$1.25
Salvia (Scarlet Sage)		
Zurich, very dwarf (new)	.50	5.00
Clara Bedman, or Bonfire	.40	2.25
Splendens, tall	.25	1.25
Alyssum		
Benthami (Sweet Alyssum)	.10	.15
Benthami, Tom Thumb	.10	.20
Little Gem, or White Carpet	.10	.25
Saxatile compactum, yellow	.10	.20
Lobelia		
Erinus Crystal Palace compacta. Rich blue, finest for florists	.25	1.25
Erinus speciosa (Crystal Palace). Dark blue, trailing	.15	.50
Erinus gracilis. Mixed	.10	.35
Prima Donna. Velvety crimson	.25	.85
Royal Purple	.25	.85
White Gem	.20	1.00

	Tr. pkt.	Oz
Asters		
Queen of the Market, the earliest aster. Separate colors, white, pink, crimson, blue, purple, mixed	$0.20	$0.60
Semple's Branching, late. Separate colors, white, rose, crimson, lavender, purple, mixed	.30	1.00
Petunia		
Blotched and Striped	.50	1.00
Dwarf Inimitable. Fine for pots	.50	1.00
Pure White	.15	.50
Venosa. Veined varieties	.50	
Fine Mixed	.15	.50
Choice Mixed	.25	.75
Giants of California. Mixed	.50	
Giant. Single-fringed	.50	
Grandiflora fimbriata. Crimson, large-flowering, single-fringed, very striking	.50	
Large-flowering, double-fringed	500 seeds,	.75
Large-flowering, double mixed	500 seeds,	.50
New Snowball. Fine for pots tr pkt., 30c; oz.		1.50

Send for wholesale price list of vegetable and flower seeds.

STOKES' SEED STORE, 219 Market Street, **PHILADELPHIA, PA.**

Bridgeman's Seed Warehouse

Established 1824. RICKARDS BROS., Props.

Importers and Growers of High-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, Telephone 4285 Gramercy NEW YORK CITY

Boddington's Quality Sweet Peas

At the exhibition of the National Sweet Pea Society of America, held at the American Museum of Natural History, New York City, July 7 and 8, 1909, we were awarded the C. C. Morse Co.'s

SILVER CUP

for the finest collection of Sweet Peas. Open to the trade only.

Remember you may deduct 5 per cent if cash accompanies the order.

25c per lb.;

Agnes Johnstone, soft light pink
Apple Blossom, rose and white
Bolton's Pink, orange-pink
Blanche Ferry, "extra early," rose and white
Black Knight, maroon
Dainty, light pink
Duke of Westminster, blue and purple
Dorothy Eckford, pure white
Earliest of All, pink and white
Emily Henderson, pure white
Evelyn Byatt, orange-pink
Emily Eckford, mauve and blue
Flora Norton, blue and purple
Honorable Mrs. E. Kenyon, pale yellow
Jeannie Gordon, light pink
Janet Scott, pale yellow or primrose
Katherine Tracy, pink shades
King Edward VII, crimson-scarlet
Lovely, light pink
Lady Grisel Hamilton, lavender and mauve.
Lottie Eckford, lavender and mauve, picotee edged
Lord Nelson, violet and indigo
Mont Blanc, pure white
Miss Wilmott, orange-pink
Mrs. Walter Wright, mauve and blue
Mrs. Geo. Higginson, Jr., lavender and mauve
Mrs. Collier, pale yellow
Navy Blue, violet and indigo
Othello, maroon
Prima Donna, pink
Queen Alexandra, crimson-scarlet
Queen of Spain, light pink
Queen Victoria, pale yellow or primrose
Romolo Piozzanni, mauve and blue
Salopian, crimson-scarlet
Stella Morse, light pink and primrose
Shazada, maroon
Shasta, pure white
Sadie Burpee, pure white
White Wonder (double), pure white

10c per ¼ lb.;

Black Michael, maroon, lb., 35c; ¼ lb., 15c; oz., 10c.
Earliest Sunbeams, pale yellow or primrose, lb., 40c; ¼ lb., 15c; oz., 10c.

5c per oz.

Duke of Sutherland, maroon
***Gladys Unwin**, light pink
Helen Pierce, violet, feathered white
Henry Eckford, salmon-orange
***Her Majesty**, rose-crimson
***Mrs. Alfred Watkins**, light pink
***Nora Unwin**, pure white
***Paradise**, light pink
Phenomenal, lavender and mauve, picotee edged
***Primrose Spencer**, pale yellow or primrose.

50c per lb.; 15c per ¼ lb.; 10c per oz.

***Countessof Spencer Hybrids Mixed**, mixed — 75c per lb.
***E. J. Castle**, rose-crimson
***Frank Dolby**, lavender and mauve — 25c per ¼ lb.
***Phyllis Unwin**, deep rosy carmine, self — 10c per oz.

***Countess of Spencer** (true stock), light pink
†**Christmas Pink** (Boddington's), pink and white
†**Christmas White** (Boddington's), pure white
†**Florence Denzer**, pure white — $1.00 per lb.; 40c per ¼ lb.; 10c per oz.

Earliest White, pure white, lb., $1.25; ¼ lb., 40c; oz., 10c

***Enchantress**, light pink
***Florence Morse Spencer**, pink shades
***George Herbert**, almost self-carmine
***Helen Lewis**, orange-pink
***John Ingman**, rose and white
***Prince Olaf**, striped and mottled blue, white ground
***White Spencer**, pure white — $1.50 per lb.; 40c per ¼ lb.; 15c per oz.

	Per lb.	¼ lb.	Oz.
†**Watchung**, pure white	$1.75	$0.50	$0.20
†**Snow Bird** (Boddington's), pure white	2.00	.75	.20
†**Canary**, pale yellow or primrose	2.50	1.00	.30
†**Flamingo**, rose-crimson	5.00	1.50	.50

Those marked with a * are Countess of Spencer or Unwin types.
Those marked † are winter flowering.

See our Florists' Catalogue for Novelties and other Spencer Sweet Peas, mailed free. For other Florists' Seeds, see our adv., page 41, January 6 issue of The Review.

ARTHUR T. BODDINGTON

Seedsman, 342 W. 14th Street, NEW YORK CITY

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

just arrived. Our usual high grade quality. Also cold storage pips.

PRICES ON APPLICATION

J. M. THORBURN & CO.

53 Barclay Street, through to 54 Park Place, NEW YORK.

Mention The Review when you write.

364,158 tons. This exceeds all records back to 1905, with the next highest 322,780 tons in 1906.

CATALOGUES RECEIVED.

The Schroeder-Son Nursery Co., Denver, Colo., nursery stock; H. Hayashi & Co., Alameda, Cal., plants and trees; W. W. Johnson & Son, Boston, England, vegetable and flower seeds; Burnett Bros., New York, N. Y., seeds, bulbs, plants and supplies; J. B. Pilkington, Portland, Ore., nursery stock; Blackmore & Langdon, Bath, England, special offer of begonia tubers and seeds, and various flower seeds; Johnson Seed Co., Philadelphia, Pa., "Garden and Farm Manual"; Harrison's Nurseries, Berlin, Md., nursery stock; F. C. Pomrenche, Altona, Germany, flower and vegetable seeds; Arthur Cowee, Berlin, N. Y., gladioli; Henry F. Michell Co., Philadelphia, Pa., general catalogue of seeds and supplies, also trade list, enclosed with which is a calendar for 1910; Ford Seed Co., Ravenna, O., seeds, plants, etc.; Royal Palm Nurseries, Oneco, Fla., nursery stock; S. M. Isbell & Co., Jackson, Mich., seeds, plants, implements, etc.; the Elm City Nursery Co., New Haven, Conn., circulars on California privet, and on the care of nursery stock; Wm. Elliott & Sons, New York, N. Y., seeds, bulbs, plants, trees and sundries; the Livingston Seed Co., Columbus, O., a booklet entitled "Tomato Facts"; American Blower Co., Detroit, Mich., Detroit traps; D. Landreth Seed Co., Bristol, Pa., flower, vegetable and farm seeds; Henry A. Dreer, Philadelphia, Pa., market gardeners' wholesale list; R. Vincent, Jr., & Sons Co., White Marsh, Md., general and wholesale lists of geraniums; Morris & Snow Seed Co., Los Angeles, Cal., seeds, bulbs, plants, insecticides, etc.; the Crestline Mfg. Co., Crestline, O., spraying formulas, spraying pumps and appliances; W. Atlee Burpee & Co., Philadelphia, Pa., wholesale seed list; Weeber & Don, New York, N. Y., seeds, plants, bulbs, tools and horticultural requisites.

Kansas City, Mo.—Chas. A. Schultz has retired from the firm of Schultz & Biedermann, at Thirty-fourth street and Prospect avenue, and the company will hereafter be known as Biedermann & Son. The newly organized firm has remodeled the plant and has an increasing trade. Holiday business was excellent, and there are indications of a prosperous spring season.

Reliable Seeds, Sow Now

			Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts., $1.25; oz.,	$5.00	$0.25
Begonia Gracilis Luminosa, best scarlet bedder	6 tr. pkts.,	$ 2.50	.50
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6 "	2.50	.50
Echeveria Woodlawn, new, ready in 6 months after sowing	1000 seeds,	2.00	.50
Myosotis Winter Queen, finest for greenhouse cut	oz.,	4.00	.50
Petunia, Zangen's selections of Double Fringed Giants	6 tr. pkts.,	5.00	1.00
Petunia, Zangen's Single Ruffled and Fringed Hybrids	6 "	5.00	1.00
Phlox Drummondi, nana compacta, Fireball. Best for pot use.	oz.,	2.50	.35
Phlox Drummondi, dwarf Roseball. Best for pot use.	"	2.00	.30
Phlox Drummondi, nana compacta, Snowball. Best for pot use.	"	3.00	.40
Phlox Drummondi Cecily, large flowered dwarf mixed	"	2.50	.35
Salvia Zangen's Fireball, finest for pot use. Unexcelled strain of my own raising.	"	4.00	.50
Salvia Zangen's King of Scarlets, best late. Unexcelled strain of my own raising.	"	10.00	.50
Salvia Zurich, most valuable for early pot use. Unexcelled strain of my own raising.	"	8.00	.50
Stocks, Beauty of Nice, Daybreak, White, best for cutting, each, separate	"	3.00	.50
Verbena Mammoth, auricula flowered, blue, pink, purple, scarlet, striped, white, each, separate	"	1.50	.25
Mixed colors	"	1.25	.20

My new catalogue is ready now. If you are interested in Flower Seeds of horticultural and floricultural value, ask for the same. It's free.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

GLADIOLI...

Here is good value. All stock is 1½-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3.00	$25.00	Geo. Paul	$4.00	
Golden Queen	4.00	30.00	Giant Pink	4.00	$30.00
America	3.50	30.00	Le Pactole	3.00	25.00
Augusta	2.00	15.00	Klondyke	4.00	30.00
Africa	4.00		May	2.00	15.00
De Cheville	2.00	15.00	Mohawk	5.00	
Easter	1.50	12.00	Mrs. Francis King	2.50	20.00
Florida	2.00	15.00	Marie Lemoine	1.50	10.00

5 per cent discount for cash.

E. E. STEWART, - Rives Junction, Mich.

Mention The Review when you write.

Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

H. N. BRUNS, 3040 Madison St., CHICAGO

Mention The Review when you write.

Petunia

Extra choice Striped and Blotched

Trade packet, 25c; oz., $1.00

WM. ELLIOTT & SONS

42 Vesey St.,

NEW YORK, N. Y.

Mention The Review when you write.

Special Offer

We have in Cold Storage

3000 Selected Bulbs

LILIUM LONGIFLORUM MULTIFLORUM

7 to 9-inch size

Price, $45.00 per 1000

We can make immediate delivery or hold in storage at a small monthly expense.

WINTERSON'S SEED STORE

45-47-49 Wabash Ave., CHICAGO

Mention The Review when you write.

Send for our new and complete Spring 1910 Catalogue.

Full List Seeds, Bulbs, Plants.

H. H. BERGER & CO., 70 Warren St., New York

Always Mention the.... Florists' Review When Writing Advertisers

Albany, N. Y.—The annual banquet of the Albany Florists' Club was held on Thursday evening, January 13, in the New Kenmore. The new officers will take charge of their duties at the February meeting.

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Boddington's White and Light. Extra selected bulbs, 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. NEW YORK CITY

Mention The Review when you write.

Sow Now

Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, **we shall be glad to mail one on receipt of a postal.**

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

Mention The Review when you write.

XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected. 6000 seeds. $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double, 500 seeds. $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

SALVIA WM. PFITZER, very fine, dwarf, fiery red, extra, trade pkt., 25c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

SHAMROCK

IRISH. THE REAL THING! GREEN

Best to order early and grow on for strong plants for St. Patrick's Day. Our stock is very fine, $4.00 per 100, or by mail, postpaid, 50c doz.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

Mention The Review when you write.

Asparagus Plumosus	per 1000 seeds,	$3.50
Asparagus Sprengeri	per 1000 seeds,	.75
Petunia, large-flowering, double-fringed, tr. pkt.		1.00
Petunia, large-flowering, single-fringed, tr. pkt.		.50
Petunia, large-flowering, single California Giants	tr. pkt.	.50
Salvia Zurich	oz.,	5.00
Salvia Triumph	oz.,	5.00
Moon Flower, white seed		.35

Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W. C. BECKERT, Seedsman

103 Federal St., N. S., PITTSBURG, PA.

Always Mention the Florists' Review when writing advertisers

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

Mention The Review when you write.

LILIUM GIGANTEUM

7/9, fine bulbs, ready for delivery from cold storage as desired, $8 50 per 100; $80.00, 1000.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

RAWSON'S

Arlington Tested

for the

Seeds FLORIST

Catalogues mailed free

W. W. RAWSON & CO., Seedsmen

5 Union St., BOSTON, MASS.

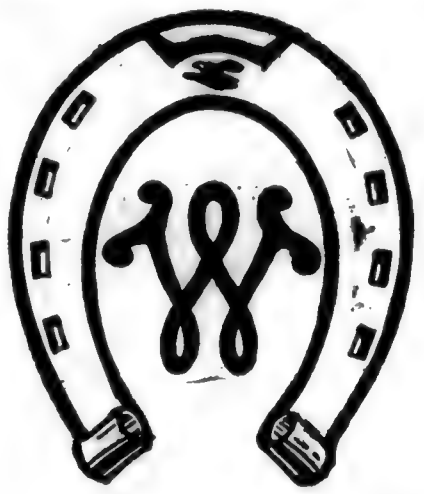
BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

Mention The Review when you write.

Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

Horseshoe Brand Products

According to Cuvier the elephant's trunk has no less than 40,000 muscles, while the whole of a man's muscles number 527. That's where the elephant is superior to man.

According to Arai, Horseshoe Brand Giganteum bulbs are not only produced from the healthiest seed bulbs, but are planted deep in the ground, which insures the best quality; while many others are planted near the surface to make size a year earlier, regardless of quality. That's where the Horseshoe Brand are superior to the others.

Try them.

Ralph M. Ward & Co.

12 W. Broadway, NEW YORK

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Jan. 18.—Cucumbers, 75c to $1.25 doz.; lettuce, 27½c box; radishes, 15c to 30c doz. bunches.

BOSTON, Jan. 17.—Tomatoes, 15c to 25c lb.; cucumbers, $4.50 to $8.50 box; lettuce, 50c to 75c box; parsley, $2 to $2.25 box; mint, 50c to 60c doz. bunches; radishes, $1.50 box.

NEW YORK, Jan. 17.—The few mushrooms received worked out at about former rates. Cucumbers quite plentiful, but largely of ordinary quality. Fancy heavy lettuce would exceed quotations if here. Mint steady. Radishes firm. Rhubarb dull. Tomatoes in light supply and steady. Cucumbers, 75c to $1 doz.; lettuce, 75c to $1 strap; mint, 40c to 50c doz. bunches; mushrooms, 20c to 40c lb.; radishes, $2 to $3 hundred bunches; rhubarb, 75c doz. bunches; tomatoes, 10c to 20c lb.

WORMS IN VEGETABLE HOUSES.

I am sending you some samples of small worms that are infesting the soil of a house used for growing vegetables. Can you have them examined and named? Also state if they eat the roots of cucumbers, lettuce, tomatoes, etc., and give a remedy. S. C.

The pest is one which I am not familiar with, but I do not believe it is of a kind that feeds on the roots of these crops.

S. C. does not state whether the soil has been in the house a long or short time. I suspect that it has been used several years and I would advise changing it next summer surely, for some nice, clean, fresh soil from a rich, new field. In such soil crops seldom have insect enemies or diseases during the first season.

I would also suggest that you send a sample of these worms to the Bureau of Entomology of the United States Department of Agriculture, Washington, D. C. They can, no doubt, identify the worms and tell you all about their habits, etc., and they will do it willingly. H. G.

TRANSPLANTING ONIONS.

Will you kindly advise me regarding the growing of the large varieties of onions? I am located in Michigan and have neither greenhouse nor hotbed to start them in, and would like to know whether sowing the seed in coldframes, say about March 15, would enable me to produce the large onions secured by the transplanting process. Could I start them later than this date? Would Prizetaker be the best variety to grow, or is Ailsa Craig better for the purpose?

I want to thank you for the information you have given during the last few months. You have helped me a great deal. W. H. G.

You can start your plants in coldframes quite satisfactorily. In fact, many prefer a coldframe to a hotbed for onion plants, claiming that they stand the transplanting better. I prefer a mild hotbed, so they can be kept growing nicely and so I can keep the ground warm and still have the sash partly off most of the time, to harden them to fresh air.

If you grow them in coldframes you should take extra precaution in other ways to help make up for the absence of bottom heat. Your frames should not be full of cracks and knot holes. Repair them first and have tight, well fitting sashes. There will be nights when it will be necessary to cover the glass with mats or strawy manure, to keep from freezing inside. If you are fortunate enough to have some Sunlight Double Glass Sashes, you can save this trouble. These double glazed sashes have two layers of glass, about two inches apart, and are fine indeed and becoming very popular. If you use the common sashes, have a pile of strawy manure handy, which you can throw over the glass easily when thought advisable, removing it early next morning.

The soil should be nicely prepared, fine, soft and fresh. Plant the seed thickly, in rows about four inches apart. Keep the seed and young plants just moist—not too wet—and ventilate every day, covering again early in the afternoon.

Prizetaker is the old standby. Some prefer Ailsa Craig, but in some localities the Prizetaker is still doing the best. Suppose you try both kinds. March 15 is early enough and April would not be too late in your latitude.

My frames are portable and are used for either coldframes or hotbeds, as desired. They are made of two boards, set on edge, fifteen feet long and six feet apart. The two end boards and two braces hold the frame. These frames are the right size for five sashes, each 3x6 feet. The north board is twelve inches and the south one ten inches high. We set these anywhere, and when we want a hotbed we make a pile of manure larger than the frame each way and two feet deep when tramped and leveled. Then we set the frame on this. It is not necessary to dig a pit. H. G.

WORMS IN LETTUCE ROOTS.

I am having a great deal of trouble in growing lettuce in one of my old houses. I am sending you a sample plant, the roots of which are apparently destroyed by small worms. I am also putting in a sample of the worms. Kindly tell me, if possible, the nature of the trouble and the best way to get rid of it. I find it almost impossible to destroy all the worms by sterilizing the soil; some of them seem to escape and are there to work on the new plants as soon as set. C. D. L.

The samples were frozen solid when received, and I was unable even to find the worm.

If the soil had been thoroughly sterilized no worms could have escaped, but it is often the case that growers put in manure after sterilizing; this should be done before the soil is sterilized.

Sterilizing the soil is necessary in some cases, but where clean, new, sweet soil can be had it is best to change the soil every summer. In that way and by being sanitary in the care of the crop, sterilizing will be rendered unnecessary in most cases. Soil that is kept over inside for more than one season is positively not as good as it should be the next season, no matter what treatment is given it. There is something lacking in it, and all the fertilizing and sterilizing or anything else you may do to it will not make it pure, new, sweet soil, such as you can get fresh from the fields at less trouble and expense than trying to doctor the old soil.

As to the worms that are eating the roots, I cannot think what kind it could be, never having had trouble of that kind, and I probably could not tell the name of it or the remedy if I had found the worm in your package. I would suggest that you send a sample to your state agricultural college and address it to the professor in charge of the Department of Entomology. He, no doubt, can help you to fight them.

Lime water is excellent for the common angleworms and manure worms, as well as other worms in the soil, and might kill off your particular pests. You can try it easily and it will benefit the

Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 112-page catalogue contains true description and no overdrawn illustrations. Our prices are right, quality considered. Market Gardeners are requested to write for our Market Garden Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE BOX 246 Established 1886 **BEATRICE, NEB.**

Mention The Review when you write.

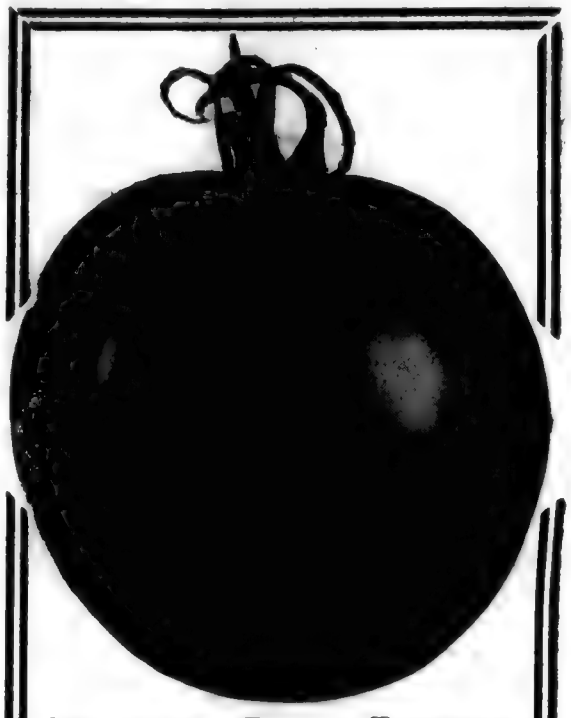
VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

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surpass in all important points. Their superior characteristics are known wherever tomatoes are grown, and their ever increasing popularity obliges us to grow tons of tomato seed every year.

New Globe-shaped Sorts

are the best money can buy. Genuine stock sold only under "True Blue" seal.

Livingston's Globe—First early purple, of finest quality. Pkt., 10c; oz., 30c; ¼ lb., $1.00, postpaid.
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WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa. at prevailing market prices. We have not had a chance to get out another price list.
Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Jan. 19, 1910.

	Per doz.	
Beauty, Specials	$3.00 to	$4.00
" Extra	1.50 to	2.00
" Shorts	.50 to	.75
	Per 100	
Bride and Maid, Specials	$ 8.00 to $	6.00
" " No. 1	2.00 to	3.00
Richmond	3.00 to	6 00
Carnot	3.00 to	6.00
Ivory	3.00 to	6.00
Killarney	3.00 to	6.00
Carnations, Fancy	2.00 to	3.00
" Common	1.00 to	2.00
Adiantum	1.00 to	1.25
Asparagus Plumosus, strings	35.00 to	50.00
" " sprays	1.00 to	1.50
" Sprengeri "	1.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	12.50 to	15.00
Violets, Single	.50 to	.75
" Double	.75 to	1.00
Romans	1.00 to	2.00
Paper Whites	1.00 to	2.00
Harrisus	10.00 to	12.50
Callas	10.00 to	12.50

Milwaukee, Jan. 19, 1910.

	Per 100	
Beauty, Long	$30.00 to	$40.00
" Medium	15.00 to	20.00
" Short	8.00 to	12.00
Bride and Bridesmaid	4.00 to	10.00
Chatenay	4.00 to	10.00
Richmond	4.00 to	10.00
Killarney	6.00 to	10.00
Perle	4.00 to	10.00
Carnations, Fancy	3.00 to	4.00
" Good	1.00 to	2.00
Valley		4.00
Asparagus Plumosus, strings	50.00 to	60.00
" " sprays		3.00
" Sprengeri "		3.00
Adiantum	1.00 to	1.50
Lilies	per doz., $2.00	
Ferns	per 1000, 2 00	
Violets	.75 to	1.00
Sweet Peas		1.00
Paper Whites	2.00 to	3.00
Stevia		2.00
Trumpets	3.00 to	4.00

soil and plants, anyhow. Take a peck of fresh lime and slake it as you would for making mortar, using plenty of water, so as not to let it burn, but not too much, so as to drown it. After it is slaked into the form of putty, put it in a barrel of water, stir it well and water the benches with it, using a sprinkling can without the nozzle on it.

H. G.

CLEVELAND.

The Market.

The demand last week was rather quiet. The dark weather shortened up the cut, but there was no shortage of anything except roses, which are away off crop. Carnations are to be had in quantity. Narcissi and sweet peas are quite plentiful. Tulips have put in an appearance, but the demand has been light. Violets have moved rather slowly of late and the same might be said of Beauties.

Various Notes.

The Jones-Russell Co. reports a busy week in funeral work, among which was a large blanket of Killarney roses and violets for the Crawford funeral.

Fred Witthuhn's greenhouses were wrecked by the explosion of the steam boiler January 16. The boiler used was a cast-iron sectional type for steam. It is moved about five feet from its original position, with the back section completely blown out. There was no one around when the accident happened.

Sam S. Pennock, of Philadelphia, was a visitor one day last week, calling on the different stores in town. B.

PLAN OF NEW GLASS CO.

The Imperial Window Glass Co., the new selling agency for the independent window glass manufacturers of the country, has opened offices in the Fulton building, in Pittsburg, and will hereafter handle all of the glass made by the manufacturers outside the American Window Glass Co.

Myron L. Case, of Bowling Green, is president and J. G. Syre, of Columbus, is treasurer of the new organization. It has a capital stock of $250,000 and represents over 2,900 pots valued at over $10,000,000. The new company will act in all sales matters and all wage subjects for the factories, and its officers have announced that it will be its aim to pay a fair wage scale and make a fair profit on the output of the factories.

The organization is ironclad and all glass will be handled through the Cleveland Storage Co. This company will handle the product of the fifty-one factories represented in the new company. A man under bond will be stationed in each factory and his business will be to see that no glass is shipped from that factory except when such goods are ordered through the Cleveland Storage Co., which has full charge of the storage and distribution of the window glass manufactured by the factories. By this means all shipments may be closely watched and with a bonded employee of the storage company in every factory there will be no opportunity of cutting rates and injuring the industry.

Fancy Gardenias, Valley and Easter Lilies,
Choice Brides, Killarney, White Killarney and Maryland.
Open from 7:30 a. m. to 8 p. m.
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We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA
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Green and Bronze Galax
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Cut Flowers, Florists' Supplies and Wire Designs
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Rice Brothers
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WHOLESALE FLORISTS AND SUPPLIES
CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.
Write for quotations on large quantities.

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Tel. No. 1415-1416 Madison Square

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Green and Brown, $1.75 per basket of 1000 leaves

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All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

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Wholesale Cut Flower Prices.

New York, Jan. 17, 1910.

	Per 100
Beauty, Specials	$40.00 to $75.00
" Fancy	25.00 to 40.00
" Extra	15.00 to 25.00
" No. 1	10.00 to 12.00
" No. 2	2.00 to 6.00
Bride and Maid, Specials	6.00 to 8.00
" " Extra	4.00 to 6.00
" " No. 1	3.00 to 4.00
" " No. 2	2.00 to 3.00
Richmond	2.00 to 15.00
Chatenay	2.00 to 12.00
Killarney	2.00 to 12.00
My Maryland	2.00 to 12.00
Orchids	30.00 to 50.00
Carnations, Common	1.00 to 2.00
" Select and Fancy	2.00 to 4.00
" Novelties	4.00 to 6.00
Adiantum Cuneatum	.25 to .50
" Croweanum	.50 to 1.00
Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
Smilax	8.00 to 12.00
Lilies	8.00 to 12.00
Lily of the Valley	2.00 to 4.00
Gardenias	10.00 to 25.00
Violets	.20 to .50
Callas	8.00 to 12.00
Cypripediums	8.00 to 12.00
Sweet Peas...per bunch, 4c to 10c	
Narcissus	.35 to 1.00
Roman Hyacinths	1.00 to 2.00
Tulips	1.00 to 2.00
Stevia, bunch	$0.15 to $0.25
Pansies "	.05 to .08
Mignonette...per doz.	.50 to 1.00
Daffodils	2.00 to 3.00

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Phones 4620, 4621, 3864 Madison Square

VIOLETS **Roses and Carnations**

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Fancy and Dagger Ferns
Galax, Brown and Green



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Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax.

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Extra **LARGE** bales, **$2.00**

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...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Buffalo, Jan. 19, 1910.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3.00
" Firsts	1.50
" Shorts	$0.75 to 1.00

	Per 100
Bride, Killarney and Maid, Special	$15.00
" " " No. 1	$ 8.00 to 10.00
" " " No. 2	6.00 to 8.00
" " " Shorts	4.00 to 6.00
Richmond	6.00 to 15.00
White Killarney	8.00 to 15.00
Maryland	10.00 to 20.00
Carnations	2.00 to 4.00
Adiantum Cuneatum	1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	12.50 to 15.00
Ferns per 1000,	$2.00
Galax "	1.50
Violets	.75 to 1.25
Paper Whites	2.00 to 3.00
Stevia	1.00 to 1.25
Romans	3.00 to 4.00
Daisies	1.00 to 1.50
Sweet Peas	.75 to 1.00
Poinsettia	.15 to .25
Mignonette	3.00 to 5.00

Charles Millang

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PERCY JONES

60 Wabash Avenue **CHICAGO**

PRICE LIST

	Per 100
Killarney	$5.00 to $10.00
Richmond	5.00 to 10.00
W. Killarney	5.00 to 10.00
My Maryland	5.00 to 10.00
Maid	4.00 to 10.00
Bride	4.00 to 10.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	.50 to 1.25
Violets, single	.50 to 1.25
Sweet Peas	1.00
Tulips	4.00
Valley	4.00
Adiantum	1 25

Ferns, per 1000, $2.00
Extra Fancy billed accordingly
Prices NOT subject to raise without notice to regular customers.

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52-54 WABASH AVE., CHICAGO
Write for Special Prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 19, 1910.

	Per doz.
Beauty, long stems	$5.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75

	Per 100
Bridesmaid, Special	$10.00 to $12.00
" Firsts	6.00 to 8.00
" Short	4.00 to 5.00
Bride, Special	12.00 to 15.00
" Firsts	8.00 to 10.00
" Short	5.00 to 6.00
Richmond, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8.00
" " Short	4.00 to 5.00
Killarney, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5 00 to 6.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Seconds	5.00 to 6.00
My Maryland, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 16.00
Mrs. Jardine, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Cardinal	6.00 to 15.00
Perle	6.00 to 10.00
Carnations, Select	2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.00
Sweet Peas	.50 to 1.50
Bouvardia	3.00 to 8.00
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Jonquils	3.00 to 4.00
Tulips	3 00 to 4.00
Freesia	3.00 to 5.00
Cattleyas per doz., $6.00-$9.00	
Easter Lilies " 2.00	
Callas " 2.00	
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays...bunch, 35c-75c	
" Sprengeri " 25c-35c	
Ferns per 1000, $2.00	.25
Galax " 1.00	.15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz $1.50--2.00	
Leucothoe	.75
Boxwood $7.50 per case	

Hoerber Brothers

Wholesale growers of
Cut Flowers

Greenhouses, Des Plaines, Ill. Store, 51 Wabash Ave., CHICAGO
Long Distance Phone, Randolph 2758.
Mention The Review when you write.

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WHOLESALE GROWERS AND SHIPPERS
SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES
59 WABASH AVE. CHICAGO
PHONE CENTRAL 879

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Wholesale Cut Flowers
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ROSES and CARNATIONS
Our Specialties.
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37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty..... WHOLESALE GROWER of CUT FLOWERS
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WHOLESALE FLORIST
24 Stone Street, ROCHESTER, N. Y.
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All the Buyers visit the
FLOWER GROWERS' MARKET

58-60 Wabash Avenue, CHICAGO
A Few Desirable Stands For Rent.
See JOHN SINNER, Manager
Mention The Review when you write.

WELCH BROS., 226 Devonshire Street, Boston

The Largest Wholesale House in America
Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers
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Wholesale Growers of... Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO
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UNITED STATES CUT FLOWER CO.

Wholesale Florists
ELMIRA, NEW YORK
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PITTSBURGH CUT FLOWER CO.

WHOLESALE FLORISTS AND GROWERS

The House That Has and Sells Good Goods at Fair Prices .·. .·.

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Jan. 19, 1910.

	Per doz.
Beauty, Specials	$6.00
" Fancy	5.00
" Medium	4.00
" Short	$0.75 to 3.00
	Per 100
Bride and Bridesmaid, Fancy	$10.00 to $12.00
" " Medium	6.00 to 8.00
" " Short	4.00
Richmond	8.00 to 15.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
My Maryland	6.00 to 15.00
Carnations	6.00
" ordinary	1.50 to 2.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	4.00
Lilies	15.00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.50
Mignonette	3.00 to 5.00
Cattleyas	75.00
Daisies	1.50 to 3.00
Violets	.75 to 1.00
Single Violets	.50 to .75
Trumpets	4.00
Callas	15.00
Stevia	1.00

Cincinnati, Jan. 19, 1910.

	Per 100
Beauty, Extra	$25.00 to $35.00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	6.00 to 10.00
My Maryland	6.00 to 10.00
Rhea Reid	6.00 to 10 00
Carnations	1.50 to 3 00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00
Sweet Peas	.50 to 1.00

Boston, Jan. 19, 1910.

	Per 100
Beauty, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2.00 to 12.00
Killarney	4.00 to 16.00
White Killarney	4 00 to 16.00
Tulips	3.00 to 4.00
Pansies	.50 to .75
Richmond	4.00 to 20.00
My Maryland	4.00 to 16.00
Carnations, Special	4.00 to 5.00
" Select	3.00
" Ordinary	2.00 to 2.50
Cattleyas	40.00 to 50.00
Lily of the Valley	2.00 to 4 00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50 00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.75 to 1.25
Lilium longiflorum	10 00 to 12.50
Violets	.75 to 1 25
Gardenias	20 00 to 30.00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1.50 to 2.00
Roman Hyacinths	1.50 to 2.00
Mignonette	2.00 to 6.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 10.00
Yellow Narcissus	3.00 to 5.00
Stevia	.75 to 1.00

THE REVIEW will send the Book of Grafted Roses for 25 cents.

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $2.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.75.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist
311 MAIN STREET, Phone M-980 CINCINNATI, OHIO

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2-YEAR-OLD
AMERICAN BEAUTY PLANTS
from benches, at $8.00 per 100; $75.00 per 1000.

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128 E. Third St., CINCINNATI, OHIO
Wholesale Growers and Shippers of Cut Flowers
Greenhouses, NEW CASTLE, IND.

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C. E. CRITCHELL
Wholesale Commission Florist
Cut Flowers and Florists' Supplies
Consignments Solicited
WIRE GOODS OF ALL KINDS
Write for Price List
34-36 East Third Street, CINCINNATI, O.

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The J. M. McCullough's Sons Co.
WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.
Phone Main 584. 816 Walnut St., Cincinnati, O.

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Pittsburg Florists' Exchange
WHOLESALE CUT FLOWERS
We have anything in the line of **Cut Flowers** and **Greens** that you may need, at any time. A. C. S. Convention visitors are cordially invited to make their headquarters at our store.
15 Diamond Square, Pittsburg, Pa.

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ROSES AND CARNATIONS
FANCY FERNS AND GALAX—High-grade Stock
ORDERS FILLED SATISFACTORILY
Detroit Cut Flower Supply House
Wholesale Commission Florist. H. V. Pearce, Prop.
6 Adams Ave. West, Detroit, Mich.
Home Phone 164. Bell, Main 974.

Mention The Review when you write.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

E. G. Gillett
Wholesale Florist
Successor to GILLETT & OHMER
131 East 3d Street, CINCINNATI, O.
All Cut Flowers in Season

SPECIALTIES—American Beauties, Killarneys, Richmond, Maryland, Jardines, Brides—Heller Bros. stock—send me an order.
Greens of all kinds. Florists' Supplies.
WIRE WORK—This department manufactures the best work in the market. Send for illustrated catalogue. Look over your stock and send me a trial order. How about your Hanging Baskets for Spring?

Mention The Review when you write.

The Munk Floral Co.
WHOLESALE GROWERS OF
Cut Flowers
Columbus, :: Ohio

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Everything a Florist Uses
The Denver Wholesale Florists Co.
1433-35 California Street
DENVER, COLO.

Mention The Review when you write.

J. B. MURDOCH & CO.
714 Penn Ave., Pittsburg, Pa.
All Flowers in Season
SEND FOR LIST.

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The McCallum Co.
Wholesale CUT FLOWERS
and Florists' Supply House
Headquarters for Western Pennsylvania Flowers
937 Liberty Ave., PITTSBURG, PA.

Mention The Review when you write

PACIFIC COAST.

SPOKANE, WASH.

The Market.

Since the holidays, trade of one kind and another has been steady and at times has demanded an extra supply of stock, with everybody working overtime. What poinsettias still remain in the market have been in good demand for both wedding and table decorations. Some chrysanthemums still linger, and the public will continue to call for them till the summer sun shines. Smilax, now in bloom, finds extra favor. Easter and calla lilies, with a sprinkling of roseums, have been good standbys for funeral work. Considerable wedding work is booked for the rest of January.

Plant sales have been extra good since Christmas, both in blooming stock and ferns.

We have not felt the heaviest effects of the surrounding storms, although steady cold and frequent falls of snow have made us realize that it is midwinter. All plants and flowers require extra protection, and nobody is anxious to send out palms and ferns.

Various Notes.

The New Year's window decoration at the store of the Spokane Florist Co. was an interesting display, consisting of the rising sun of 1910 pictured in yellow rays of a fabric, with the figures "1910" in gilded magnolia leaves. Burning candles outlined the piece on the circular edge. To one side, representing the attendant festivities, was a decorated punch bowl done in grapes and roses.

The New Year's window of Hoyt Bros. Co. presented a clock of red and white, over which hung a lycopodium bell, swinging. The edge of the bell was slashed with scarlet ribbon, and two long bell ropes of scarlet ribbon, with showers of small immortelle bells and pine cones, reached to the clock below.

The Dutch bulb growers are upon us, several having reached this section within the last few weeks.

J. J. Karins, from H. A. Dreer, is gathering his annual harvest of orders in this vicinity.

F. W. Winters has left Miss Armstrong's employ and joined the independent order of plantsmen. We understand that he is to make a specialty of landscape gardening. S.

SAN FRANCISCO.

The Market.

We are still being treated to a spell of cold, frosty weather. In this neighborhood we have had white frost every morning for the last three weeks and, as a consequence, stock continues to be scarce. This is particularly noticeable with all kinds of outdoor flowers, which at this time should be somewhat in evidence. Narcissi and daffodils, especially the former, are backward, and violets are in shorter supply than they have been for years at this time. Chrysanthemums are almost out of season and a couple of weeks more will finish them. Some splendid sprays of cut Acacia mollissima from the south, however, show that before long we will be treated to plenty of tree blossoms. Although everything has been scarce, there are evidences that we will be treated to an overabundance of all kinds of flowers in a few weeks. Carnations are selling at present at from $4 per hundred down to about half that price for second quality stock. With roses there is less to select from. Good Beauties cannot be found at any price, although Bride and Maid are in fair supply and of good quality. The Burlingame growers are sending into town some extra fine Killarney and Liberty, which give much needed color to the florists' shop windows.

Valley is in fair supply and moves well at $4 per hundred. A few early freesias have made their appearance, but a full supply will not be cut for several weeks yet. California red berries are showing the results of the frost and are practically over until next year. Wild maidenhair is being brought into town by the green goods men and supplies a long felt want by the retailers. Smilax is somewhat scarcer than it has been and shows the results of too close cutting for the holidays. Orchids are being produced in about sufficient quantities to keep the market supplied. Business, in a general way, can be described as being rather quiet since the holidays, with funeral orders more in evidence than anything else.

Various Notes.

A company of Italian growers have bought ten acres of land on Wild Cat creek, near Stege, Contra Costa county, Cal.

L. O. Beery, late of the Bay Tree Nursery, has entered the general nursery business, with headquarters at Oakland.

Charles J. Hall has gone to southern California and will not return to town for several weeks.

C. C. Morse & Co. are negotiating for a large tract of land in the neighborhood of Haywards, where they contemplate starting large seed farms.

The Superior Court of Alameda county has just rendered a decision in which the newly appointed county board of forestry is held to be an illegal body. G.

LOS ANGELES, CAL.

The Market.

Aviation week brought crowds of people to Los Angeles, and there was great excitement at Dominguez, where the trials took place, but the florists did not reap any great harvest from it. All of the stores had beautiful window displays, which attracted a great deal of attention.

There is a comfortable general business done, but no rush. Flowers are getting more plentiful, with the greatest demand

Rooted Carnation Cuttings

	Per 100	1000		Per 100	1000
Winona, light pink	$3.00	$25.00	Beacon	$2.25	$20.00
Enchantress	1.80	15.00	Victory	1.75	15.00
Winsor	1.75	12.00	Red Lawson	1.25	8.00
Rose-pink Enchantress	1.50	12.00	Estelle	1.15	12.00
Nelson Fisher	1.25	10.00	White Perfection	2.25	20.00
Harlowarden	1.40	12.00	White Enchantress	2.25	20.00
Eldorado, yellow	1.50	12.00	White Lawson	2.00	15.00
Variegated Lawson	1.25	10.00			

25 of one variety at 100 rate; 250 of one variety at 1000 rate. Express prepaid on orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

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Kentia Belm. Seeds

IN PORT

Get them fresh—Cash with order.
$4.25 per 1000; $40.00 per 10,000.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

Aster Seed

Late Branching, Oregon Grown.

Extra fine color, strong stems, fine for cutting. Prices: White, lavender, flesh pink and purple, ⅛ oz., 25c; ¼ oz., 40c; ½ oz., 70c; 1 oz., $1.30.

W. B. SIMS, Grower, Newberg, Ore.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. Pentstemon Hybridus Grandiflorus, tr. pkt., 25c; oz., $1.00. Pentstemons, Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in., buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

Pacific Coast headquarters for quantity and quality. Send for price list.

Bassett's Floral Gardens, LOOMIS, CAL.

Mention The Review when you write.

for carnations and roses. The greenhouse carnations are large and beautiful. The field-grown ones are scarce, but are seen in some of the stores. The frost has hurt them, even in protected places, so they look only about half opened. They sell at 15 cents a dozen, while the greenhouse-grown ones are $1. All of the roses are good now. Beauties are improving all the time, the heads getting much larger. They have been coming in with long stems, but small blooms in proportion.

Valley is exceptionally nice and sells well. There is a great demand for orchids. The street stands are heaped high with violets at 5 cents a bunch. Sweet peas from outside are arriving in abundance, but the stems are rather short as yet. Some fine mignonette was seen. Chinese narcissi, Paper Whites and Romans are also plentiful; these are grown outside, the same bulbs blooming year after year. Some pans of Dutch hyacinths were seen in one of the stores. All of the florists are making a fine showing of azaleas.

The recent frosts have caused the oranges to drop to such an extent that all of the street stands are piled with large ones at ten cents a dozen. Reports are rather conflicting. Some state that a quarter of the crop will not be fit to ship, while others say that the injury is slight. Outside flowers have fared badly; even the geranium foliage is frost-bitten.

Various Notes.

Jack D'Ortignac, proprietor of the Redondo Floral Co., returned Monday from a week's stay in San Francisco.

S. Lundy, representing W. A. Manda, is in town, calling on the trade.

E. J. Reynolds, formerly of Denver, is now with the Redondo Floral Co.

Morris Goldenson had the misfortune recently to lose a fine new overcoat while at lunch at Levy's cafe.

The Germain Seed & Plant Co. says it is a little early yet for planting, but a big trade is anticipated. There are many inquiries already for seeds in large quantities.

Theodore Payne makes a specialty of eucalyptus trees, and is quite busy.

S. A. C.

HOLLY FROM SEED.

In glancing over the REVIEW of October 7, 1909, I noticed an article which contains a description of the ordinary method of growing holly from seed in California. I noticed, too, that the process of germinating the seed, as outlined in that article, is an extremely tedious one. Now, there are many, many things that I do not know, though they might be useful to me if I knew them, but I do know how to grow holly from seed and get ninety per cent of it to sprout in less than one month. I got the suggestion from an Ohio nurseryman fifty years ago, but had almost forgotten it.

Soon after coming to California I planted a lot of holly seeds, but after waiting a year I failed to get a plant. Next year I tried again, with the same result, but in the following fall I remembered the hint given me by the old nurseryman. I tried his plan and in a few weeks I had plenty of holly coming up. I made several plantings that winter and one or two more plantings last winter, all of which were quite satisfactory. In the present winter—December 20—I took a bunch of holly seeds to the greenhouse, put them to soak and planted them December 24. January 2 there

[Concluded on page 54.]



HOUSE OF ASPARAGUS STRUNG ON

Meyer Green Silkaline

Best and Strongest Material for Such a Purpose

Don't be deceived into using cheap and inferior grades of thread that are put up to imitate the original

Meyer Green Silkaline

SILKALINE FF

Insist on getting the real article or send the goods back. There are so many imitations on the market, we want to let the trade know **there is only one Meyer Green Silkaline**—and that is the best.

Guaranteed 2 oz. to the spool, 8 spools per lb., or 16 oz. actual weight of Thread per lb. Price $1.25 per lb. See that you get the **Meyer Green Silkaline** and take no other.

JOHN C. MEYER & CO., LOWELL, MASS.

25,000 CANNAS

Dormant roots, of 2 and 3 eyes each.

Orchid Flowering
at $1.50 per 100; $14.00 per 1000.
2000 Austria
1500 Italia
500 John White
800 Mrs. Kate Gray
2000 Pennsylvania

Red Shades
at $1.25 per 100; $12.00 per 1000.
500 Alice Roosevelt
250 Beaute Poitevine
600 Chas. Henderson
1500 Crimson Bedder
1500 Duke of Marlborough
100 Flamingo
700 Pillar of Fire

Yellow and Orange
at $1.25 per 100; $12.00 per 1000.
2800 Florence Vaughan
150 King Edward
450 N. Wendlandt
500 Parthenope
400 Paul Marquant
150 Victory

Dark Leaved
at $1.75 per 100; $15.00 per 1000.
150 America
150 Black Beauty
2000 Egandale
600 Grand Rogue
200 Shenandoah
150 Robusta

Pink Shades
at $1.50 per 100; $14.00 per 1000.
800 Mme. Berat
100 Martha Washington

Red Gold Edge
at $1.50 per 100; $14.00 per 1000.
650 Mme. Crozy
150 Queen Charlotte
450 Souv. de Antoine Crozy

2500 Mixed
at $1.00 per 100; $9.00 per 1000.

25 at 100 rate; 250 at 1000 rate. Cash with order.

ESTATE OF DAVID FISHER, Montvale, Mass.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

J. C. Hale, Winchester, Tenn., is postmaster in his town and his nursery company is the largest patron of the post-office.

Ernest F. Coe, president of the Elm City Nursery Co., New Haven, Conn., will sail January 22 on the steamship Baltic, of the White Star line. He will visit the important European nursery centers.

The Durant Nursery Co., of Durant, Okla., is making arrangements to establish a branch of its nursery at Muskogee, Okla. The firm has already secured some land at the latter town and wishes to purchase more.

Mrs. P. S. Peterson, mother of Wm. A. Peterson, proprietor of Peterson Nursery, Chicago, will sail from New York January 29 for a tour of the holy land. She is leader of the forestry class of the Chicago Women's Club.

The sale for ornamental stock is so good that it militates against the increase in the supply of strictly high grade material. When a park commission wants a considerable number of a certain tree to plant a boulevard, it is not always easy to find what is sought.

The Hollandia Orchard Co., of Decatur, Ark., announces the establishment of a branch organization, which will bear the name of the Hollandia Nursery Co., will be located also at Decatur and will handle both nursery stock and florists' plants. The managers of the new concern are Geo. C. Groenewegen and H. De Schepper, who have had wide experience in the trade in Europe and America. Plenty of good land is available and the shipping facilities are said to be excellent.

TEXAS NURSERYMEN MEET.

The midwinter meeting of the Texas Nurserymen's Association was held January 14, at the Hotel Southland, Galveston, Tex. There was a large attendance of southwestern nurserymen and the day was given over to the discussion of a wide range of subjects of trade interest. The following was the program:

"Reviewing the Year 1909; What Have We Accomplished?" J. R. Mayhew, Waxahachie, Tex.

"Looking Forward; What Are Our Prospects for 1910?" J. B. Baker, Ft. Worth, Tex.

"Is the Nurseryman Making the Progress, Financially, That Are Other Business Interests in Texas?" E. W. Kirkpatrick, McKinney, Tex.

"How Does the Supply in General Line of Stock for 1910 Compare with Former Years?" F. T. Ramsey, Austin, Tex.

"How Can We Make Better Collection in the Retail Business, Especially on Deferred Payments?" H. E. Hall, Sherman, Tex.; W. J. Schulze, Bangs, Tex.; J. W. Tucker, Waxahachie, Tex.

"Prominent Features of the Western Association" (Kansas City, December 21, 22), C. C. Mayhew, Sherman, Tex.; W. P. Stark, Louisiana, Mo., vice-president American Association.

"Is It Policy to Replace on Retail Orders Trees Which Have Died in One, Two or More Years After Delivery?" E. W. Knox, San Antonio, Tex.; A. K. Clingman, Keithville, La.; John S. Kerr, Sherman, Tex.

"The Season in Alabama," Henry B. Chase, Huntsville, Ala., ex-president Southern Association.

"Nursery Conditions and Interests in Oklahoma," J. T. Foote, Durant, Okla.; North Texas, J. L. Downing, Wichita Falls, Tex.; South Texas, W. A. Stockwell, Alvin, Tex., and R. H. Bushway, Algoa, Tex.; East Texas, John F. Sneed, Tyler, Tex., and M. G. Black, Mount Pleasant, Tex.; Southwest Texas, W. J. Schulze, Bangs, Tex.; Plains country, L. N. Dalmont, Plainview, Tex.

"Summary of Nursery Inspection for the Past Year in Texas," Sam H. Dixon, Austin, Tex., chief inspector.

"How Can We Make 1910 the Best Year of Our Lives?" John S. Kerr, Sherman, Tex.

Newport, Ky.—Rudolph Rupner, an employee of William Speck, committed suicide January 8 by shooting himself in the breast.

BOBBINK & ATKINS

Nurserymen and Florists, RUTHERFORD, N. J.

Choice Evergreens and Conifers. Shade and Ornamental Trees. Herbaceous Plants.

LARGE COLLECTION OF DECORATIVE PLANTS, SUCH AS

Palms, Ferns, Bay Trees, Etc.

Ask for Wholesale Catalogue.

Mention The Review when you write.

EVERGREENS

Large stock, both seedlings and transplants, of Spruce, Pines, Firs, Cedars, Arbor-Vitæs, Hemlocks, Junipers, Yews. Millions of seedlings, also fine stock of specimens in larger sizes.

FOREST TREE SEEDLINGS

Immense stock of Catalpa Speciosa, Black Locust, Maples, Oaks, Lindens, Beech, Chestnut, Ash, Walnut, Elm, Box Elder, Birch, European Larch.

Advance Price List now ready.

D. HILL, Evergreen Specialist, Dundee, Ill.

Mention The Review when you write.

American Everblooming **HYDRANGEAS**

1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris,** 20 best sorts. **Hemerocallis,** 5 fine var. 50,000 **Lilies. Phlox,** named. **Gladioli,** 100 named var. **Tritoma Pfitzeri, Dahlias. Oxalis,** etc.

THE E. Y. TEAS CO., Centerville Ind.

Mention The Review when you write.

Lilacs Charles X and Marie Legraye.
Deutzia Lemoinei, pot-grown, in fine condition.
Boxwood and Bay Trees, for immediate or spring delivery.

Orders booked now at inviting prices. Write to

F. W. O. SCHMITZ
Importer, PRINCE BAY, N. Y.

Mention The Review when you write.

PEONIES

Humei, late rose; R. Hortense Tyrian red; Mme. Douriere, pink and salmon, for lawn planting, $3.00 per 100, March delivery.

Thomas J. Oberlin
Sinking Spring, · Pennsylvania

Mention The Review when you write

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE U.S.N. CO.

The United States Nursery Co
RICH, Coahoma Co., MISS.

Mention The Review when you write.

Bassett's Dahlias

Field roots—**Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal,** $3 50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100

2-yr.-old Peonies, $10 00 per 100.

J. Murray Bassett, Hammonton, N. J.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ACTO, N. J.

Mention The Review when you write.

Ionia, Mich.—The Ionia Pottery Co. is sending out a pretty calendar, embellished with a really artistic colored picture which is reproduced from the painting entitled "In Old Kentucky," by Carl Kahler.

NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

	Per 100	1000
Enchantress	$2 00	$15.00
W. Enchantress	2.50	18 00
Kingston Pet	2.50	18 00
Beacon	2 50	18.00
White Lawson	1.50	12 00
Winsor	1.50	12.00
Variegated Lawson	1.50	12.00

Send your orders for Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2 00	$18.00
White Enchantress	3.50	30 00
White Perfection	2.50	20 00
White Sarah Hill	4.00	35 00
Pink Lawson-Enchantress	2.50	20 00
Pink Lawson	2.00	15.00
Rose-pink Enchantress	3.50	30 00
Red W. H. Taft	4 50	40.00
Red Beacon	3.00	25 00
Red Victory	2.50	20 00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

Mention The Review when you write.

Rooted Rose Cuttings

	100	1000
American Beauties	$3.50	$30.00
White Killarney	8.00	75.00
Pink Killarney	1 75	15.00
Richmond	1.50	12.00
Bride	1.50	12.00

Satisfaction guaranteed.

GEORGE REINBERG
51 Wabash Avenue, CHICAGO

Mention The Review when you write.

Special Price

—on—

Winsor, Georgia and Lawson Enchantress Cuttings

For immediate orders. A-1 stock fully guaranteed

WHITE BROS., Gasport, N.Y.

Mention The Review when you write.

Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Begonias,** $1.50 per 100. **Daisies,** white and yellow. $1 00 per 100 Express paid.

CASH WITH ORDERS

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery

Katalog for the asking.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. PHILADELPHIA

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat, Beacon.

Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

SANGAMO The New Pink Carnation



Everyone who has seen SANGAMO growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it NOW. Price, $12.00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN
SPRINGFIELD, ILL.

DAHLIAS—GLADIOLUS

400 varieties of **Dahlias,** selections from the best the country affords.

Gladiolus in mixture, in quantities from 1 ozen to 100,000. Order early for spring of 1910.

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

Snow White Sport of HELEN FRICK

Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.

Heavy stock plants.....$3.00 per doz.
Smaller " " ..... 2.00 "

HENRY EICHHOLZ, Waynesboro, Pa.

PACIFIC COAST DEPARTMENT.

[Concluded from page 51.]

were several hundreds of them up and they are still coming at this date, January 9, though in a greenhouse where the temperature gets below 40 degrees at night.

The trick is a simple one. I just put about one pint of wood ashes, sifted through a fine sieve, in each quart or three pints of water and soak the seeds in this mixture for from four to six days. First, however, I loosen the pulp from the seeds by gently pounding them or rubbing them with a block. I treat all resinous or gummy seeds in the same way and find that it works well.

W. J. Hesser.

PORTLAND, ORE.

The Market.

Business for the last fortnight has been in a condition of laxity, with but few social functions going on. New Year's business was normal, and the demand was equal to that of former years. Flowers were more or less scarce, giving an opportunity to clean out all left-overs in plants and baskets. The unusually cold and snowy weather has made an occasion for many funerals; therefore funeral work has been up to the standard.

Carnations are of better quality and quantity and are the best selling commodity on the market, with roses a close second. Chrysanthemums are still to be had, but only of the choicer varieties. Callas and longiflorums are in regular supply, with a daily clean-up. Daffodils are to be had in limited quantities, a harbinger of springtime. Sweet peas also have put in their appearance and are welcome visitors.

Flower venders have at last been driven off the street by a new city ordinance, which raises the price to $600 per year.

Various Notes.

The Mountain View Floral Co. has secured an acreage tract near Gresham, Ore., and eventually will erect a new range there, carrying, in addition, a general stock of nursery and ornamental plants.

D. L. Thomas, of Salem, was a recent caller. He reports business brisk in the capital city.

Carl Mueller, after six years of service at Clarke Bros.' range, has resigned and will commence business for himself, giving particular attention to landscape work and ornamental gardening.

The Routledge Seed Co. has given space to cut flowers in its new catalogue, a new departure for this firm.

P. W. Stearns, of Vancouver, was a week-end caller. E. R. C.

Somersworth, N. H.—G. S. Ramsburg has installed a new boiler at his greenhouses and he now has one of the best equipped establishments in this part of the state.

PALMS

Especially strong plants ready for shifting.

Kentia Belmoreana, in 2½-inch pots, $9.00 per 100; $85.00 per 1000.

Areca Lutescens, in 2½-inch pots, $7.00 per 100; $65.00 per 1000.

JACKSON & PERKINS CO.

NEWARK (Near Rochester), NEW YORK

Always mention the Florists' Review when writing advertisers.

Apple Seedlings

We have some surplus, both AMERICAN and FRENCH grown.
All grades for grafting and budding.

Imported Fruit Tree Stocks

Now arriving—Cherry, Pear and Plum stocks.
ALL GRADES.

APPLE GRAFTS PIECE AND WHOLE ROOT
ORDER QUICKLY

Also a complete line of General Nursery Stock; mostly in storage.
Send List for Prices.

WANTED—APPLE SCIONS

Shenandoah Nurseries

D. S. LAKE, Prop. SHENANDOAH, IOWA

Mention The Review when you write.

New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years GENEVA, N. Y. 800 Acres

Mention The Review when you write.

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) **Seedlings**

EVERGREENS Specimens for August planting.

California Privet—2-year

Ask for prices.

HIRAM T. JONES,

Union County Nurseries ELIZABETH, N. J.

Mention The Review when you write.

Peonies a Specialty

Write us for latest price list

PETERSON NURSERY,

Stock Exchange Building, CHICAGO.

Mention The Review when you write.

Get in on ROSES

From early summer propagation on own roots. Booking orders now for winter and spring delivery.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, T. Blumschen, La Fiamma, Trier, Lady Gay, Debutante, Dorothy Perkins, Hiawatha — 12c each

Tausendschon, Barbier — 20c each

Clematis Paniculata, field-grown, 1-year, 6c each

Clematis Paniculata, field-grown, 2-year, 10c each.

Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c

Hydrangea Paniculata Grandiflora, 2 to 3 ft. 9c.

Viburnum Plicatum, 2 to 3 ft., 12c.

Viburnum Plicatum, 3 to 3½-ft., 15c.

Chinese Sacred Lilies, $3.00 per 100; $25.00 per 1000

Dutch Hyacinths, named varieties, single and double, 45 kinds.

First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

LARGE TREES

OAKS AND MAPLES. PINES AND HEMLOCKS

ANDORRA NURSERIES,

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

NEW SEEDLING ROSE

Radiance

A seedling from Cardinal, a brilliant rosy carmine with opaline tints in the open flower. The form is fine, large, with cupped petals, bud long, brilliant, radiant, with extra long stems, a constant bloomer, fragrant, foliage abundant and of splendid substance.

2½-inch pots, $18.00 per 100; ready for delivery in March. Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., BALTIMORE, MD.

Mention The Review when you write.

Roses

Fine 2½-in. pots. Own roots.

Orders booked now for March and April delivery.

	Per 100	1000
White Killarney	$8 00	$75.00
Killarney	5.00	45.00
My Maryland	6.00	50.00
Rhea Reid	6.00	50 00
Richmond	5.00	45.00
Kate Moulton	5.00	45 00
Bride	4.00	35.00
Bridesmaid	4.00	35.00
Also American Beauties	—	—

Carnation Rooted Cuttings

	Per 100	1000
O. P. Bassett	$6.00	$50.00
Pink Delight	6.00	50.00
Mrs. J. C. Vaughan	6 00	50.00
Georgia	6 00	50.00
Sarah Hill	5.00	45 00
Patten	3.00	25.00
Afterglow	3.00	25.00
White Perfection	3.00	25.00
Beacon	3 00	25.00
Lawson-Enchantress	3 00	25 00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Victory	2.50	20.00
Robt. Craig	2 50	20.00
Lady Bountiful	2.00	17.50
White Lawson	2.00	17.50
Winsor	2.00	17.50
Mrs. T. W. Lawson	1.50	12.00
Light-pink Lawson	1.50	12.00

Ferns

Boston Ferns, 3-in., 5c; 4-in., 12c; 5-in., 25c; 6-in., 40c; 7-in., 90c; 8-in., $1.25.

Whitmani, 2¼-in., 4c; 4-in., 20c; 5-in., 30c; 6-in., 50c; 7-in., 90c; 8-in., $1.00; 9-in., $1.25; special, 3 in a pan, $1.25.

Plumosus Nanus, 3-in., 6c; 4-in., 10c; made-up plants, in 5-in., 35c; 6-in., 50c.

Sprengeri, 2¼-in., 2½c; 4-in., 8c; 5-in., 15c; 6-in., 30c; 7-in., 75c.

Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tenuissimense, 2½-in., $3.50 per 100; 3-in., $6.00 per 100.

Red Dracaenas, 3-in., 10c and 12½c; 6-in., $1 00.

Araucaria, 4-in., 4 tiers, 60c; 5-in., 5 tiers, $1.00.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

Always mention the Florists' Review when writing advertisers.

Young Grafted Rose Plants

Ready March 15

White Killarney, 2½-in. ..... per 100, $12.00
My Maryland, 2½-in. ..... " 12.00

O. P. BASSETT RED CARNATION

Rooted cuttings ..... per 100, $6.00; per 1000, $50.00

Kaiserin

Bench plants, now ready for shipment, two years old and over ..... per 1000, $50.00

Our rooted cuttings and young rose plants have a national reputation for choice quality and careful packing.

Bassett & Washburn

Office and Store, **76 Wabash Ave., Chicago**

Greenhouses, **Hinsdale, Ill.**

Mention The Review when you write.

Rooted Carnation Cuttings

FOR IMMEDIATE DELIVERY

ENCHANTRESS, PERFECTION, BEACON, $3.00 per 100; $25.00 per 1000.

ROSE-PINK ENCHANTRESS, WHITE ENCHANTRESS, WINSOR, $2.50 per 100; $20.00 per 1000.

We can fill orders from 1000 to 100,000 and guarantee the stock.

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

Whitmani Ferns

Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.
Scholzeli Ferns, from 2½-in., $5.00 per 100.
Boston Ferns, 2½-in. pots, $3.00 and $4.00 per 100.
Camellias, Campbell and Chandleri, in bloom, $1.25, $1.50 and $2.00 each.

ANTON SCHULTHEIS, College Point, L. I.

Mention The Review when you write.

PRIMULA

Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O

Mention The Review when you write.

Bon Ami

Here It Is
A New White Carnation

Equal in production to the old Queen, with flowers of a far superior quality. An excellent, clean, upright grower, producing no surplus grass. Stem, very strong and of good length. Average size of flower, 3 inches. An early, continuous bloomer. Bon Ami will prove a good friend to all who will try it.

$10.00 per 100, $75.00 per 1000. Orders booked now for February delivery.

GEORGE E. BUXTON, Nashua, N. H.

Mention The Review when you write.

EVANSVILLE, IND.

The Market.

All stock is in good demand, business being extra good. The weather is bad and roses and carnations are not extra good. Today is the second time the sun has shown itself this month and in December we had only four or five days of partial sunshine. December was the coldest month here for a number of years. Green goods is scarce, especially smilax, Sprengeri and plumosus.

Various Notes.

The Blackman Floral Co. is having a great deal of funeral work and uses everything it can get hold of. They are short on green stock. Their carnations are good and they have been cutting from 500 to 1,100 a day for some time and all have been used.

Benjamin Kramer has had considerable funeral work lately, carnations and sweet peas being mostly used.

Henry Seymour is cutting some good carnations. He has been busy lately, having work for a number of prominent funerals.

Karl Zeidler has been rushed with work all this month and has used lots of roses and carnations.

Nellie Goodge is on the sick list and has had quite a severe spell, but is improving, with hopes of getting out again soon. E. L. F.

SOUTH BEND, IND. — The downtown store and the greenhouses of the South Bend Floral Co. have been purchased by Adelbert and Charles Kinyon, florists. They have taken over the entire business, making the deal through C. E. Campbell, receiver of the South Bend Floral Co. The purchase price is $10,000. They have secured about an acre of ground on which the houses stand, but the receiver still has fifteen building lots to dispose of, as a part of the company's property.

Carnation Cuttings

Strong, Well Rooted, Healthy Stock.

	Per 1000		Per 1000
Enchantress	$15.00	Winona	$25.00
R. P. Enchantress	15.00	Afterglow	25.00
W. Enchantress	25.00	Variegated Lawson	12.00
L. Enchantress	20.00	Pink Lawson	10.00
O. P. Bassett	45.00	Queen	10.00
Lucille	75.00	Sarah Hill	20.00
Beacon	25.00	White Perfection	25.00
Mrs. Chas. Knopf	45.00	Harlowarden	15.00
Victory	20.00	Ruby	45.00
Winsor	15.00		

——Cash or C. O. D.——

SOL. GARLAND, Des Plaines, Ill.

SHASTA

We are now shipping fine, strong cuttings of this variety daily, as fast as they are ready to come out of the propagating bed. We have enough orders booked to take all that will be ready up to February 15. Send in your order at once if you want late February delivery.

Come and see it growing

and be convinced that Shasta is the greatest paying white Carnation of the day. Once you see it you will want to grow it.

$12.00 per 100; $100.00 per 1000.

SEND FOR OUR PRICE LIST OF NEW AND STANDARD SORTS

BAUR & Smith, 38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

Rooted Carnation Cuttings

Ready for January Delivery. Clean, Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85 00
Enchantress	2.00	18 00
Enchantress, Rose-pink	3.50	30 00
Enchantress, White	3.50	30 00
White Perfection	2 50	20 00
Beacon	3 00	25.00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.

24 N. Main St. - - - DAYTON, OHIO

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted,
Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.
If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

Mention The Review when you write.

Carnation Bay State

$3.00 per 100

¶ Having bought a large stock of this new variegated Carnation last year, we can offer first-class rooted cuttings of this variety at $3.00 per 100.

¶ Also rooted cuttings of **Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winona and Winsor** at $3.00 per 100; unrooted cuttings, $2.00 per 100.

¶ Reduced prices made on large orders. Send orders as early as possible.

FRESH CUT FLOWERS SHIPPED TO ALL PARTS OF NEW ENGLAND AND CANADA.
High grade Carnation Blooms our specialty; shipped direct from the grower to the retailer at wholesale price.

Shepard's Garden Carnation Co., 292 Fairmount Street, **Lowell, Mass.**

Mention The Review when you write.

CARNATIONS

Rooted Cuttings

Mrs. C. W. Ward
$12.00 per 100; $100.00 per 1000.

Alma Ward
$15.00 per 100; $125.00 per 1000.

Mrs. J. C. Vaughan, Bay State, Georgia and O. P. Bassett
$6.00 per 100; $50.00 per 1000.

White Enchantress, Beacon, Robert Craig, Afterglow, Enchantress, Rose-pink Enchantress and Harlowarden
$3.50 per 100; $30.00 per 1000.

New crop early flowering single Chrysanthemum seed and Gold Medal Pentstemons
at 25c and $1.00 per package.

Charles H. Totty
Madison, N. J.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3.50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and **Viola Sinclair,** $3.00 per 100.

Lawson, Fair Maid and **Maceo,** $2.00 per 100.

1000 rate on application.

Littlefield & Wyman
North Abington, Mass.

YOU Will find all the best offers all the time in the Review's Classified Advs.

A. N. PIERSON, Inc.
CROMWELL, CONN.

Grafted and Own Root Roses

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120 00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid, Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

Carnations We are now booking orders for Carnations. Pink Delight and May Day are our leaders in new varieties. Winsor, Beacon, White Enchantress and White Perfection in quantity.

Chrysanthemums The best of the new ones and the best of the standards. Commercial varieties exclusively. We are booking orders for both rooted cuttings and plants from pots for February and March delivery.

Our Catalogue Contains the Carnation and Chrysanthemum lists. It includes our Rose list and the bedding stock. You need our catalogue. If you haven't received one, send for it. We can handle your order whether it is large or small.

Mention The Review when you write

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.
RICHMOND, INDIANA

Mention The Review when you write.

:: ROOTED CUTTINGS ::

Carnations

	100	1000
O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
White Perfection	2.00	15.00
White Lawson	1.50	12.50

Fine, Clean, Strong, Well-rooted Stock

Roses

	100	1000
Richmond	$2.00	$17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Killarney	2.50	20.00
Perle	2.50	20.00
Sunrise	2.50	20.00

Peter Reinberg, 35 Randolph St., Chicago

Mention The Review when you write.

NEW HAVEN, CONN.

The gauntlet that was cast down by the Yale men when they established the rule that no man buying flowers for the Junior Promenade would be allowed an entrance to the armory January 18 has been picked up by the local florists, and now it is war to the teeth between the merry sons of Eli and the Chapel street dispensers of flowers. In previous years the students intending to go to the promenade have been advised by the committee not to purchase flowers, but the majority of them generally yielded to the occasional hints of their fair companions and patronized the florists. This year, however, it was announced by the committee that entrance would be refused to any man who bought flowers, and to make it more effective they forced every man who purchased a ticket to sign a pledge to the effect that he would not indulge in this luxury. Naturally the florists regard this as a particularly hostile move against them.

John N. Champion said: "Had we been notified of the proposed action of the committee a few months ago it would not have hurt us so much. But, all in all, we don't lose such a pile, for most of the profits were given to students soliciting the orders, and we had to sell on close margins. Then there was the advertising in the college papers; but hereafter we will not be put to expense on that account, for I guess the florists can treat the Yale men the same way as they themselves are being treated. They say that cutting out the flowers will lessen the expenses, but it is a well known fact that the students who invite girls here have money enough to pay for flowers. Generally the men who are financially embarrassed go stag. If these girls come to this city and want flowers they will buy them. They want a good time and expect their friends to purchase the flowers for the event. Up to the present we have been carrying a lot of Yale men's bills on our books, but be assured, that will not last long now."

The Review sends Scott's Florists' Manual postpaid for $5.

GLADIOLUS INDEPENDENCE

This is without exception the best light red Gladiolus in the market. Fine bright foliage; stem always straight; spike perfect with good number of flowers open at once. Flower of great substance, shipping well, of good size, well opened, color bright cherry, fine by artificial light.

All sizes and cormels. Write for prices.

GEO. S. WOODRUFF, Independence, Ia.

Mention The Review when you write.

NEW

CARNATIONS

The two prize-winning introductions of the Cottage Gardens

Mrs. C. W. Ward

Mrs. C. W. Ward is a perfectly formed flower, with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

Awards

Society of American Florists, silver medal, Boston, 1906; the Craig cup for best seedling, Philadelphia, 1906; the Lawson bronze medal, Washington, 1908; the Horticultural Society of New York, silver medal, sweepstake prize for best 100 blooms, New York, 1909; The Horticultural Society of New York, diploma for best new variety, New York, 1909.

Price, Rooted Cuttings—$2.00 per 12; $12.00 per 100; $100.00 per 1000; 25 at the 100 rate; 250 at the 1000 rate.

Alma Ward

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

Alma Ward is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter on strong, erect stems, 36 to 42 inches in length.

Awards

The Lawson silver medal, Toronto, 1907 (no gold medal having been awarded); the Lawson gold medal, Washington, 1908; The Society of American Florists, silver medal, Washington, 1908.

Price, Rooted Cuttings—$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

Delivery Feb. 1. January cuttings all sold.

These varieties bring from $2.00 to $4.00 per 100 more than any other Carnation sold in the New York market.

Cottage Gardens Co., Inc.

Queens, Long Island, N. Y.

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STOCK FOR FLORISTS

ROSES for Forcing—Hybrid Perpetuals and Ramblers, all the best ones; fine, strong stock. **CLEMATIS, AMPELOPSIS, TREE HYDRANGEAS and LILACS, SHRUBS, VINES and PERENNIALS.** Write for prices.

JACKSON & PERKINS CO., Newark Near Rochester, **New York**

Nurserymen and Florists—Wholesale Only. Use printed stationery.

Mention The Review when you write.

Wholesale Trade List

Asparagus Plumosus, 3-in. pots, fine plants, $5.00 per 100.

Asparagus Sprengeri, 2½-in. pots, $2.00 per 100.

Clematis paniculata, strong plants from open ground, $10.00 per 100.

Carnations, started in pots. Elbon, scarlet; Boston Market, white, $5.00 per 100.

Daisies, yellow and white, from 2½-in. pots, $3.00 per 100.

Ferns for dishes, asst. varieties, 2½-in. pots, $3.00 per 100.

Dracaena indivisa, fine plants, 5-in. pots, $6.00 per doz.

Smilax, from 3-in. pots, $4.00 per 100.
Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

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DECORATIVE PLANTS

	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15.00
5-in. " "	25.00
7-in. " "	60.00
2½-in. **Whitmani Ferns**	5.00
2-in. **Asparagus Plumosus Nanus**	3.00
4-in. " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. " "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

D. U. AUGSPURGER & SONS CO.
PEORIA, ILL.

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New Mum Mary Ann

Color shell pink, height 3 feet, Japan-grown, 4 blooms to plant; scored 82 points Cincinnati, Ohio, fall '08. Without doubt the best early mum of its color and size, **Season October 10.**

At request of several growers I have decided to send it out, feeling sure it has a great future. You need this mum.

2-inch, strong, $3 50 per doz.; $25.00 per 100.

Paul O. Tauer, Lebanon, Ind.

Mention The Review when you write.

50,000 Geraniums

S. A. Nutt, 2-in., $2.00; 3-in., $3.50 per 100.

La Favorite and **Ivy Leaf** (double pink), 2-in., $1.75; 3-in., $3.25 per 100.

L. J. ROWE, Titusville, Pa.

H. DREYER

Tel. 228 Newtown, Jackson Ave., **ELMHURST, L. I.**

Decorative Plants

SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

YOU Will find all the best offers all the time in the Review's Classified Advs.

Headquarters for Azalea Indica for Easter

Well budded and round as an apple

In Easter varieties, in larger sizes, we have Bernard Andre alba (white), Niobe (white), Helene Thelemann (rose), Empress of India, Apollo (red), De Schryveriana (double variegated), Dr. Moore (pink), Mme. Van der Cruyssen, Louise Van Houtte (double large red), Simon Mardner, Vervaeneana, $1.25, $1.50, $2 00 to $2 50 each. In smaller sizes we have Simon Mardner, Van der Cruyssen, Niobe, Empress of India, Deutsche Perle, Vervaeneana, De Schryveriana, 50c, 75c, $1.00 to $1.25.

Plants for Balls, Parties, etc.

Azalea Indica, in fine shape, in bud or bloom. Mme. Petrick, pink; Simon Mardner, pink; Deutsche Perle, white; Vervaeneana and Apollo, red; 75c, $1.00, $1.25 and $1.50.

Kentia Forsteriana, 35, 40 to 50-in. high, $1.50, $2.00, $2.50 and $3.00 each; 4-in., 20c.

Kentia Belmoreana, 4-in., 25c; 3-in., 10c.

Cocos Weddelliana, 3-in., 15c.

Latania Borbonica, 4-in., 20c.

Now is the time to force **Hydrangea Otaksa** for Easter. Remember only such as we offer pot-grown will force successfully for Easter, 6-in. pots, well branched, 25c, 35c and 50c.

Easter Lilies, well started, 6-in. pots, raised from 9 to 10 bulbs, Multiflorum, Formosum and Giganteum, 25c and 35c.

Cineraria Hybrida, Aschmann's well-known strain, 6-in. pots, in bud or without bud, 25c and 35c.

Areca Lutescens, made-up, 5¼-in., 35c.

Asparagus Plumosus, 2½-in., 8c; 3-in., big, 6c; 4-in., 10c.

Asparagus Sprengeri, 3-in., 5c; 4 in., 10c.

Begonia Flambeau, 4-in., 15c.

Begonias, new improved Erfordii and Gracilis, in bloom, 5¼-in., 25c.

Ferns, Todeaoides, 5½, 6 and 7-in., 35c, 40c, 50c, 60c, 75c and $1.00. Dish Ferns, 2½-in., 4c.

Ferns, Wimsetti and **Victoriae** (silver leaf fern), 6-in. pans, 3 plants in a pan, very attractive, 30c per pan.

Cash with order, please. Please state if in or out of pots.
All plants must travel at purchaser's risk.

GODFREY ASCHMANN, 1012 W. Ontario Street, Philadelphia, Pa.

Mention The Review when you write.

Verbenas :: Verbenas :: Verbenas

The Season is now Open

OUR SELECTION

Rooted cuttings	$0.75	per 100;	$ 6.00	per 1000
Strong plants in 2½-in. pots	2.50	"	20.00	"

PURCHASER'S SELECTION

Mrs. Wm. Taft, Miss Wilmott, rooted cuttings	$1 00	per 100;	$ 9.00	per 1000
Rooted cuttings	.90	"	8.00	"
Strong plants in 2½-in. pots	3.00	"	25 00	"
Plants of Mrs. Wm. Taft and Miss Wilmott	4.00	"	30.00	"

When rooted cuttings are ordered sent by mail, add 10c per 100, 50c per 1000, to pay postage.

J. L. DILLON, :: Bloomsburg, Pa.

Mention The Review when you write.

Craig's Specialties

Cyclamen	25c, 50c, 75c, $1.00, $1.25 each
Begonia Lorraine	15c, 35c, 50c, 75c, $1.25 each
Azaleas - Apollo and Firefly	75c, $1 00 $1.25, $1 50 each
Nephrolepis Scottii	$6.00, $9.00, $12.00, $18 00, $24.00 doz.
" **Todeaoides**	$6.00, $9.00, $30.00 doz.
Oranges	40c, 75c, $1.00, $1.25, $1.50 $2 00 each
Ficus Pandurata	$2.00, $3.00, $4.00 each
Dracaena Massangeana	$1.50 and $2.00 each

All of the above of first quality

ROBERT CRAIG CO., 4900 Market St, PHILADELPHIA, PA.

Mention The Review when you write.

Our Catalogue for 1910

Has just been mailed our patrons.

It is the most complete and comprehensive **Catalogue of Chrysanthemums** issued.

Mailed free upon request.

ELMER D. SMITH & CO., Adrian, Mich.

CARNATION DOROTHY GORDON

You are looking for the variety that will show the most profit, plus the greatest satisfaction to your customers.

Very well, this Carnation will do both. Dorothy Gordon is vigorous and disease-free, with flowers of uniform color—a shade darker than Pink Enchantress.

It produces at least a third more carnations than does Enchantress, and much larger—average flowers of Dorothy Gordon measure 3 inches or more in diameter. It has a stiff stem and is a long keeper.

It has regularly brought us double the profits of the leading commercial sorts—Enchantress, for instance. Let us illustrate:

Enchantress sells at wholesale in the Philadelphia markets at $6.00 per 100; Dorothy Gordon has REGULARLY brought us $9.00 per 100. In addition, Dorothy Gordon produces easily one-third more flowers, or an additional $3.00—giving a return of $12.00 from the same greenhouse space that would be required to grow $6.00 worth of Enchantress.

We are selling strong, rooted cuttings at $10.00 per 100, or $75.00 per 1000.

We are ready to demonstrate to you that you can grow Dorothy Gordon with greater profit than any other commercial carnation. We invite you to come to Wyncote and see it growing in our houses; if you cannot do this, write for full particulars—we'll furnish some carnation facts that will interest you.

JOSEPH HEACOCK CO., Disseminators, Wyncote, Pa.

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CINCINNATI.

The Market.

The cut flower market after the holidays is generally about normal, but the last week's trade has been unusually dull and with warmer weather prevailing all lines have become overstocked, especially so in violets. The latter part of the week the ice-boxes in the commission houses were filled to the uttermost capacity.

Roses have been in oversupply and prices have dropped accordingly. American Beauties are down to $4 per dozen for the best, and other roses, such as Killarney, Richmond, Bride and Maid, run from $4 to $8 per hundred. Carnations have accumulated until the best grades brought only $3 per hundred, some going as low as $1. Violets, for the first time this winter, were a glut on the market, bringing 50 cents per hundred for the best, with prospects of still lower figures should this weather remain. Paper White narcissi have but little call when carnations are plentiful and many found their way to the waste pile. Two dollars were the quotations during the week. Sweet peas are not meeting with a big demand, although they are of good quality. Lily of the valley has become more plentiful. Harrisii and callas are not too many and clean out daily at $1.25 to $1.50 per dozen. Green goods are not overabundant and sell well. H. Schwarz.

The Hyde Park Rose Co. has been incorporated here, with a capital of $10,000, by Gustav Meier, Albert Sunderbruch, Henry Sunnenberg, Frank Sunnenberg and Joseph Sunnenberg.

Buffalo, N. Y.—As the result of an injury to his left knee, R. A. Scott has been confined to bed for a time, with his leg in a plaster cast.

FERNS FOR DISHES

Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Cash with order.

Frank Oechslin, 4911 Quincy St. Chicago, Ill.

Formerly Garfield Park Flower Co.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Mention The Review when you write.

Sangamo

Brilliant, glistening pink. Winner wherever shown: Chicago, St. Louis and Milwaukee. The greatest bloomer and fastest grower of any. Flowers perfect, stems long and stiff.

Why you should grow Sangamo: 1st.—It will give you more blooms in a season than any other variety. The fastest grower we have ever seen. 2nd.—It is the best color of anything in this class, Winsor, Rose-pink Enchantress or any other. 3rd—The blooms are well formed, nicely rounded out in the center, and do not fade. 4th.—The flower stands well above the calyx, making it impossible to split. 5th.—It comes early with long stems that are always stiff, holding the flower gracefully. 6th—The entire stock is clean and healthy. The cuttings root easily and the plants lift from the field and establish themselves without a setback. 7th.—Not only an exhibition variety, but the best bread and butter Carnation for any florist to grow. Let us pay your coal bill for you.

Rooted cuttings guaranteed. January delivery, 100, $12; 1000, $100

A. C. BROWN, Springfield, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and fancy carnation on the market. Winner of first prize wherever shown. Habit of Lawson; very free; stem long as Enchantress, and stiff; the flowers are large and well formed, making a good impression wherever shown, and can be used to good advantage in many different ways.

Chicago Carnation Co., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

Mary Tolman

WINNER OF FIRST PRIZE AT MILWAUKEE

Deep, flesh pink, the most beautiful color of any in this class. Does not fade in the strongest light. An excellent, clean, upright grower, long, stiff stems and perfectly formed flowers. Will produce more perfect blooms in a season than Enchantress. We want your order for this excellent Carnation. January delivery, $12.00 per 100; $100.00 per 1000.

A. E. HUNT & CO., Evanston, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**

HUNT BROS., Park Ridge, Ill.

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.

WEST GROVE, PA.

☛ ☛ ☛ Always mention the Florists' Review when writing advertisers. ☚ ☚ ☚

ROOTED CUTTINGS

Geraniums, Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000. S. A. Nutt, 2-in. pots, $2.00 per 100; 3-in. pots, $3.50 per 100.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Carnations, rooted cuttings. Enchantress, $2.50 per 100; $20.00 per 1000. White and Rose-pink Enchantress, $3.00 per 100; $25.00 per 1000. Pink Lawson, $2.00 per 100; $15.00 per 1000.
Russellas, 70c per 100; $6.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

Mention The Review when you write.

Our Blooming Stock

for Easter will consist of Azaleas, Lilies, Hydrangeas, White and Crimson Rambler, Soupert, Hermosa, Cyclamen, Primroses, Cinerarias. **Bulb Stock**—We will have Paper Whites, Double Von Sion, Single Ajax Hyacinths in all colors.

Ferns

We have an extra large stock of Bostons, Whitmani, Amerpohlii, Sprengeri, Plumosus, that we should like to write you about. We are crowded for room and can give you extra good bargains for cash.

Plants for Easter bloom can be shipped any time.

GEO. A. KUHL
Wholesale Grower **Pekin, Ill.**

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Special Offer
GERANIUMS

2½-inch S. A. NUTT
$16.00 per 1000.

—Cash or C. O. D.—

H. S. HOPKINS, BINGHAMTON, N. Y.

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IMPORTED ORCHIDS
JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY
The Orchid Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.

ORDONEZ BROS., 41 W. 28th St., New York
AND MADISON, N. J.

Mention The Review when you write.

Palms and Other Seasonable Stock

We have an extra good stock of Forsteriana, made-up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values.
7-in. pots, 3 plants in a pot, 40 to 44 inches high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each.
Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each.
Full line of sizes of both Forsteriana and Belmoreana in Price List No. 5, just out. Send for it if you did not receive it.

Genista Racemosa—5-in. pot plants, bushy, $3.50 per doz.; $25.00 per 100.
Rhododendrons—18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Azalea Mollis—12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.
Bougainvillea Glabra Sanderiana—5-in., well shaped, bushy plants, $3.00 per doz.
Asparagus Sprengeri—2 in., $2.50 per 100; $20.00 per 1000.
Boxwood—Fine bush plants, 12 in. high, $3.00 per doz.; $20.00 per 100.
Fuchsias—Assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000; Little Beauty, $4.00 per 100, $35.00 per 1000.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

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FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1.25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5 in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00 $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c; 6-in., 75c.
Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

All my plants are in fine condition.

JOHN BADER
43 Ravine St., N. S., PITTSBURG, PA.

Mention The Review when you write

ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

Mention The Review when you write.

Roland's Plants
In Excellent Condition

	Per Doz.
Oranges	$24.00 to $48.00
Ardesias	12.00 to 36.00
Dracaena terminalis	9.00 to 18.00
Begonias	1.80 to 36.00
Primulas	3.00
Cyclamen	5.00 to 36.00
Azaleas	6.00 to 36.00
Poinsettias	3.00 to 15.00
Ericas	18.00 to 36.00
Camellias	18.00 to 24.00

Come and see our stock; greenhouses 39 minutes from North Station, Boston

Thomas Roland
NAHANT, MASS.

Mention The Review when you write.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

Mention The Review when you write.

MADISON, N. J.

The annual smoker of the Morris County Gardeners' and Florists' Society was held Wednesday, January 12, and was voted by all present the greatest kind of a success.

A short business meeting was held before the festivities began, during which the treasurer announced a balance on the right side of the ledger of upwards of $700, with all of the accounts for the year paid up and disposed of. It was also announced, amid cheers, that the Chrysanthemum Society would hold its meeting for this year in conjunction with the Morris County Society, and that the work was already commenced on the preliminary schedule, which will give some $2,000 in cash prizes, outside of the special classes, which are always a feature of the C. S. A. exhibitions. It is proposed to so divide up the schedule that members of other societies will have a chance to compete in special classes open only to their own members, with sweepstakes covering the best of the exhibits as a whole. The Morris County Society does not propose to hedge its prizes around with any restrictions to make them easier to be won by their own members than by other growers. The policy of this club has been that of the open door, and the farther it is opened the better.

After the business session had been disposed of the entertainment of the evening began, Joe Burke, the noted impersonator of Harry Lauder, and several other professional gentlemen in the vaudeville line being the chief entertainers. Totty's famous punch, which now is known almost all over the country, was in great demand. After a few glasses of this Balm of Gilead, the grower forgot his diminished coal pile and such troubles and surrendered himself to the enjoyment of the evening. Homemade turkey sandwiches and celery were also greatly appreciated.

There were about 120 present, including representatives from the New Jersey Floricultural Society, the Monmouth County Society, the Bernardsville Society and representatives from the seed houses and the trade press.

The entertainment broke up at midnight with the singing of Auld Lang Syne, and the twelfth smoker, which was voted the best ever by every one present, passed into history. The committee, who deserve great praise for their efforts, were Messrs. Herrington, Duckham, Totty and Schultz.

IDAHO FALLS, IDAHO.—E. F. H. Lawrence has started in the florists' business here.

FERNS

				Per 100
Boston,	strong,	6-in.,	stock,	$40.00 to $ 50.00
Scottii,	"	"	"	40 00 to 50.00
Piersoni,	"	"	"	40.00 to 50.00
Whitmani,	"	"	"	40.00 to 50.00
Todeaoides,	"	"	"	40.00 to 50.00
Superbissima,	strong,	6-in.,	stock,	100.00
"	"	4-in.,	stock,	40.00
Strong, 4-in. stock of above varieties,				20 00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

Mention The Review when you write.

GERANIUMS

Our New Illustrated Geranium Catalogue is now being mailed; it is free to the trade. If you do not get one, write us.

We claim to have the largest and most complete collection of Geraniums in the country, $2.00 per 100, $18.50 per 1000, for good standard sorts, from 2-in. pots.

For several years we have made a specialty of collections of 1000 Geraniums, in 20 varieties, for $18.50, cash. These have given general satisfaction.

Ivy-leaved Geraniums, 6 varieties; Scented Geraniums.

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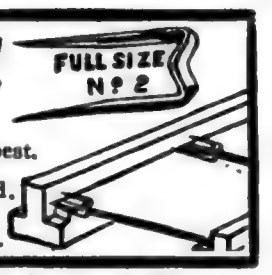
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Carnations for immediate delivery. May Day, $6.00 100, $50.00 1000; Lawson and Victory, $2.00 100, $15.00 1000; Enchantress, W. Enchantress and W. Perfection, $2.50 100, $20.00 1000.
W. Frank & Sons, Portland, Ind.

Rooted carnation cuttings of Enchantress, Winsor, Lawson, White Lawson, W. Enchantress and White Perfection, $3.00 per 100; $25.00 per 1000. Now ready for delivery.
Henry E. Reimers, Box 255, Spokane, Wash.

Carnations. White Perfection, Mrs. J. C. Vaughan, Alvina, Pink Delight, Afterglow, Lawson-Enchantress, Winsor, Lawson and O. P. Bassett. Write for prices.
Albert M. Herr, Lancaster, Pa.

Carnations. Clean, healthy cuttings of Lawson-Enchantress, unrooted, $2.00 per 100. Will exchange for Winona, May Day or Pink Delight unrooted cuttings.
W. C. Hill Floral Co., Streator, Ill.

Carnation rooted cuttings. Beacon, Enchantress, Victory and Bountiful, $20.00 per 1000.
Wm. Murphy, 311 Main St., Cincinnati, O.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, immediate delivery.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations. Queen and Boston Market, rooted cuttings, $1.50 per 100; $10.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

Carnation rooted cutting, standard varieties, $1.75 per 100; $15.00 per 1000.
Northwestern Floral Co., Wilmette, Ill.

Carnations. Fair Maid rooted cuttings, $1.10 100; Mrs. Lawson, $1.30 100.
Otto H. Bourdy, R. F. D. 3, Lowell, Mass.

500 Boston Market carnation cuttings, from flats, $1.00 per 100.
Cowan's Greenhouses, Oxford, Pa.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

Chrysanthemum rooted cuttings, $1.00 per 100; $10.00 per 1000. Monrovia, Oct. Frost, Dr. Enguehard, Wm. Duckham, Cremo, Opah, Shaw, Jones, Minnie Bailey, Robinson, Maud Dean, G. Pacific, Estelle, Bonnaffon, White Bonnaffon, Black Hawk, Touset, Alice Byron and Nonin. Healthy stock, guaranteed.
D. R. Herron, Olean, N. Y.

Chrysanthemums. Nonin, Touset, Oct. Frost, Bonnaffon, W. Jones, Appleton, B. Hawk, Enguehard, Duckham, G. Wedding, Estelle and others; also 10 early flowering pompons. Stock plants, 3c each; rooted cuttings, 90c per 100. Ready now.
Geo. O. Klein, Camden Sta., Beard P. O., Ky.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

CHRYSANTHEMUM STOCK PLANTS. LAST CALL. Golden Glow, Pacific Supreme, White Cloud, Oct. Frost, Early Snow, White Ivory, White Bonnaffon, 3c. Merry Xmas, Dr. Enguehard, Yellow Bonnaffon, 4c. Gloria, 10c. Others all sold.
Stafford Floral Co., Stafford Springs, Conn.

CHRYSANTHEMUM STOCK PLANTS.

Jeanne Nonin	Helen Frick
Golden Chadwick	White Jones
Y. Bonnaffon	Yellow Jones

60c per doz.; $4.50 per 100.
Woodland Park Floral Co.,
Lock Box 62, Sumner, Wash.

Rooted mum cuttings from strong plants, bench grown. Jeanne Nonin, Yanoma, John Burton, Honesty, Golden Wedding, White and Yellow Bonnaffon, Wm. Duckham, Helen Frick, Dr. Enguehard, $1.00 per 100. February 1 delivery.
The Newburys, Mitchell, S. D.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Strong rooted cuttings of mum stock plants, $1.00 per 100. Cash. V. Poehlmann, Eaton, Appleton, Touset, Monrovia, Yellow and White Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready after Feb. 1. U. S. Express. W. C. Scovell, Malta, Ohio.

Chrysanthemum rooted cuttings. Lynnwood Hall, Mrs. Weeks and Jeanne Nonin, $20.00 per 1000. Delivery any time after Feb. 1.
Cleveland Nursery, Waco, Tex.

Chrysanthemums. 2000 very heavy, well rooted White Bonnaffon cuttings, from soil, $2.00 per 100; $18.00 per 1000.
Wilfrid Wheeler, Concord, Mass.

Chrysanthemum stock plants, best varieties, $2.00 per 100. Speak quick. Cash.
Chillicothe Floral Co., Chillicothe, O.

CINERARIAS.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, large flowering dwarf, extra fine plants, 3-in., $3.50 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cinerarias, $2.00 per 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100.
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3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus rooted cuttings. Best bedding sorts, including Golden Bedder, Verschaffeltii, Firebrand, Nellie Grant, Butterfly and others, good stock, 60c per 100, $5.00 per 1000. Cash, please.
Critchell's, Avondale, Cincinnati, Ohio.

Coleus rooted cuttings. New trailer, fine for window boxes, vases, etc., 25c per 10; $1.50 per 100. Also 20 varieties, assorted, including a few of the above, 70c per 100.
The Kaber Co., La Porte, Ind.

COLEUS—Continued.

50,000 coleus, good clean stock. Well rooted cuttings, $4.00 per 1000; 60c per 100, by mail. Cash. 50,000 cuttings now in sand, 300,000 more coming on. Verschaffeltii, Golden Bedder, Queen Victoria and other varieties.
C. Schulze & Son,
261-275 Lawrence St., Flushing, L. I., N. Y.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Wm. Schwan & Son, Fredonia, N. Y.

Coleus, 15 kinds, extra fine stock. Rooted cuttings, 75c; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Coleus rooted cuttings, Golden Bedder and ten other sorts, 60c per 100.
S. M. Harbison, Danville, Ky.

Coleus, best varieties, strong, rooted, for 3-in. pots, 50c 100; $4.50 1000.
Thompson & Sons, Station D, Milwaukee, Wis.

Coleus rooted cuttings, 15 kinds, $5.00 per 1000. U. G Harglerode, Shippensburg, Pa.

Coleus Golden Bedder, 2¼-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa.

CYCLAMEN.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, well budded and grown plants, 4-in. pots, $15.00; from 5-in. pots, $20.00 per 100; August seedlings, twice transplanted from flats, fine stock, $3.00 per 100, $23.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen for Easter. Giganteum superbum, new English strain, 10 varieties Rococo, in all colors, new fringed and frilled, the new salmon shades, all that is best; 4-in., $12.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, 3-in., $4.75; 4-in., $12.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cyclamen giganteum, mixed, 4-in., 10c; 6-in., 25c. M. M. Lathrop, Cortland, N. Y.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen, in bud, 4-in., $8.00 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cyclamen giganteum, mixed, 3-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen, fine stock, 15c to 20c each.
Mosbæk Greenhouse Co., Onarga, Ill.

DAHLIAS.

Dahlias. No more orders taken for field clumps. Have large quantities of divided roots for present or spring delivery, in fifty varieties, standard sorts, mostly proven cut flower varieties. W. A. Finger, Hicksville, L. I., N. Y.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Dahlias, big stock, big clumps, best sorts. Send list. C. Betscher, Canal Dover, Ohio.

Dahlias, good, strong divisions, all named varieties, $1.75 per 100.
C. W. Hoffman, Route 13, Dayton, O.

Get my special offer of dahlias before buying. Large field clumps, surplus stock.
Barnes Gardens, Spencer, Ind.

DAISIES.

Daisies. California, white and yellow, from seed, 75c per 100; Paris, 2½-in., strong plants, $1.75 per 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

Daisies. California and Queen Alexandra, strong rooted cuttings, $1.25 per 100, prepaid.
S. W. Pike, St. Charles, Ill.

Paris daisies, white, yellow, rooted cuttings, $1.00; pink, 2c. Cash.
Byer Bros., Chambersburg, Pa.

New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

Marguerite daisies, white, strong, 2¼-in., 2½c. Hammerschmidt & Clark, Medina, Ohio.

Marguerite daisies, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

DRACÆNAS

Dracaena indivisa. 1000 very fine plants, from 3½-in. pots, ready for a shift, will make fine vase plants by May, $8.00 per 100, or will sell lot for $50.00.
Wilfrid Wheeler, Concord, Mass.

Dracaena indivisa, 3-in., 5c; 4-in., 12c; 5-in., 20c each. Mosbæk Greenhouse Co., Onarga, Ill.

Dracaena fragrans, 3-in., $2.00 per doz., $15.00 per 100; 4-in., $3.00 per doz., $20.00 per 100; 50 at 100 rate.
Geo. Wittbold Co., Edgebrook, Chicago, Ill.

500 Dracaena indivisa, strong 3-in., 4½c. Cash. Paris Greenhouses, Paris, Ky.

FERNS.

FERNS FOR FERN DISHES, best stock, largest assortment; 2¼-in., $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.

ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.

Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!

Boston.			
4-in.	$12.00 100	7-in.	$60.00 100
5-in.	30.00 100	8-in.	80.00 100
6-in.	40.00 100	9-in.	1.25 ea.
Whitmani.			
5-in.	$30.00 100	7-in.	$60.00 100
6-in.	45.00 100	8-in.	80.00 100

R. R. DAVIS & Co., MORRISON, ILL.

Three large houses full of fine ferns. Boston, Whitmani and Scottii, 2½-in., $3.50 per 100, $35.00 per 1000; 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $115.00 per 1000. All of these ferns are ready for a shift and are exceptional values. Cash, please. Also see advs. under asparagus and vincas.
Reeser & Youngstrand, Springfield, Ohio.

Ferns. 2½-in. Boston, 3c; 3-in., 8c; 4-in., 15c; 5-in., 30c. 2½-in. Piersoni and Whitmani, 4c. 2½-in. Scottii, 5c; 3-in., 10c. 2½-in. Amerpohlii, 6c; 3-in., 12c. 3-in. Elegantissima, 10c; 4-in., 15c. Truitt's Greenhouses, Chanute, Kan.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St. N. S., Pittsburg, Pa.

Ferns. Scottii, Whitmani and Elegantissima, 3-in., 10c; Boston and Piersoni, 3-in., 8c; Piersoni, Elegantissima and Whitmani, 5-in., 30c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns. Boston, 2-in., 50c per doz., $3.00 per 100, $25.00 per 1000; 3-in., 75c per doz., $6.00 per 100, $50.00 per 1000; 500 at 1000 rate.
Geo. Wittbold Co., Edgebrook, Chicago, Ill.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in. pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Boston ferns, 2½, 3, 4 and 5-in.; also Amerpohlii, 3, 4 and 5-in. Fine stock; prices right.
Murray The Florist, Peoria, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Boston and Whitmani ferns, from bench, strong plants, full of runners, 50c each.
De Kalb Greenhouses, De Kalb, Ill.

20,000 ferns for dishes, six leading varieties, 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

20,000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Boston and Whitmani ferns, extra fine, strong 2-in., $3.50 100. Cash.
F. C. Greene, Oil City, Pa.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 100. John A. Doyle, Springfield, Ohio.

Whitmani fern runners, from bench, 2c each.
The Anderson Floral Co., Anderson, S. C.

Well established Boston ferns, $3.00 per 100.
Stuart & Haugh, Anderson, Ind.

FEVERFEW.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

FUCHSIAS.

Fuchsias, assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000; Little Beauty, $4.00 per 100, $35.00 per 1000.
The Storrs & Harrison Co., Painesville, Ohio.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, rooted cuttings, $1.00 per 100; nice, bushy stock plants, 4-in., $8.00 per 100.
W. Eschrich & Co., North Milwaukee, Wis.

GENISTAS.

Genista racemosa, 5-in. pot plants, bushy, $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted, $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelty, Red Wing, 25c each, $2.50 per doz. Write for geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Geraniums. S. A. Nutt, 2¼-in., very strongly rooted, every plant a good one; cuttings taken from selected stock; $2.00 per 100; $18.50 per 1000. Cash with order. About 12,000 to sell now. If you want good 4-inch plants, in bloom for Memorial day, buy now.
H. M. Totman, Randolph, Vt.

Geranium rooted cuttings. All cuttings sold for January; orders booked for later delivery. Nutt and Buchner, $10.00 per 1000. Ricard, Poitevine, Jaulin, Montmort, $15.00 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Rooted Geranium cuttings, Doyle, Nutt, Hill, Buchner, Landry, $1.15 100, $11.50 1000; 2-in., $2.00 100, including double Grant, $18.00 1000. Heliotrope, ageratum, cuphea, double alyssum, 50c 100. Double nasturtium, 75c 100. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

Geraniums, strong healthy plants from 2½-in., ready for a shift, all from August cuttings. A. Ricard, Beaute Poitevine, Hill, J. Viaud, $2.50 per 100; $24.00 per 1000. Nutt and Grant, $2.00 per 100; $18.00 per 1000.
J. Ambacher, West End, N. J.

Rose geraniums, 2-in. pots, $2.50 per 100. Pelargoniums, 2-in. pots, in 20 of the best varieties, $4.00 per 100. Geranium Mme. Salleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

Geraniums. Ricard, Nutt and Buchner, strong, cool grown plants, from 2-in. pots, $2.00 per 100; $20.00 per 1000. Ricard, 2½-in., $2.50 per 100; mixed, $18.00 per 1000.
J. R. Brooks, Oxford Depot, N. Y.

Geraniums. 700 Nutt, 100 Buchner, 100 Poitevine, 100 Jean Viaud, from 2-in., ready for shift, $2.00 per 100; $18.50 for the lot. Cash, please. S. Knudsen, Boulder, Colo.

Geranium rooted cuttings. Nutt and La Favorite, $10.00 per 1000; Poitevine and Ricard, $12.50 per 1000; Poitevine alone, $15.00 per 1000. G. E. Fink, Roselle, N. J.

Geraniums. Good, strong top cuttings, 2¼-in., of S. A. Nutt, Heteranthe and La Favorite, $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Geraniums, 2¼-in., $3.00 per 100, $25.00 per 1000; 3-in. La Favorite, $5.00; 2¼-in. Rose geraniums, 2c. Special prices on larger sizes.
Mosbæk Greenhouse Co., Onarga, Ill.

Geraniums. If you want good and true to name stock of all standard and new varieties, write now and don't delay until spring.
R. F. Gloede, Evanston, Ill.

Geraniums, strong 2¼-in. 500 E. G. Hill, 500 La Favorite, 1500 S. A. Nutt, 500 Ricard, 400 De Castellane and 600 mixed, mostly red.
Arthur Harbison, Harrodsburg, Ky.

Geraniums, 2¼ and 2½-in. Varieties: Nutt, Ricard, Poitevine, La Favorite, Jean Viaud. Good, well rooted stuff, $20.00 per 1000.
Crown Point Floral Co., Crown Point, Ind.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Well rooted cuttings of Buchner, $10.00 per 1000. Can deliver at once. Other varieties Feb. 15. C. F. Treichler, Sanborn, N. Y.

Geraniums. S. A. Nutt and 8 other varieties. 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geraniums. Ricard, Poitevine, Bruant, De Castellane, La Favorite, Nutt, 2¼-in., $2.25 per 100. S. M. Harbison, Danville, Ky.

Geranium rooted cuttings, Dbl. Grant, Mme. Buchner, $1.25 100; $10.00 1000. Cash.
M. M. Lathrop, Cortland, N. Y.

Geraniums, S. A. Nutt, La Favorite, pink ivy, unrooted, extra fine stock, $7.00 per 1000.
Ross Bros., Falls Creek, Pa.

Geraniums all sold until Feb. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000.
Albert M. Herr, Lancaster, Pa.

Mme. Salleroi geraniums, fine stock, $1.50 per 100, $12.00 per 1000; prepaid.
S. W. Pike, St. Charles, Ill.

Mme. Salleroi geraniums, rooted cuttings, $1.00 per 100; 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Geraniums, apple scented, 2½-in., $3.00 per 100. Alex. Maxwell, Springfield, Ohio.

Poitevine, Nutt, Perkins, Favorite, Grant, fine 2½-in., 2c. Roney Bros., West Grove, Pa.

Geraniums. Nutt, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

GLADIOLI.

Gladioli (the same as ever). Good mixture of Groff's hybrids and Childsii, all sizes, from $1.25 to $6.00 per 1000. Also good forcing and all leading named varieties. Ask for our "SILENT SALESMAN." English and German correspondence solicited.
The W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli. Independence, the best red in the market; also Mrs. Frances King, Giant Pink, Augusta and Groff's hybrids, genuine stock. Write for prices.
Geo. S. Woodruff, Independence, Iowa.

Gladioli, Groff's hybrids, mixed, 1½ to 2¼-in., $5.00 per 1000; 1 to 1½-in., $4.00 per 1000; ½ to 1-in., $3.00 per 1000; bulblets, $1.00 per peck. Ira H. Landis, Lancaster, Pa.

Gladioli, new forcing Pink Beauty, great bloomer, May character, only Pink throws several flowering spikes, $2.50 100; $20.00 1000. Cash.
F. H. Stevens, Grower, Saginaw W. S., Mich.

Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli, Augusta and May, No. 1 bulbs, $10.00 per 1000; Groff's hybrids and fine mixture, $5.00 per 1000.
C. W. Hoffman, Route 13, Dayton, O.

Gladioli. Planting stock of Mrs. Francis King and other choice sorts. Cheap for cash.
P. O. Coblentz, New Madison, Ohio.

Augusta, ⅛ to ⅜-in., $2.00 1000; ⅛-in., $1.00 1000. C. H. Ketcham, N. S. D., So. Haven, Mich.

Get my special surplus offer of gladioli before buying. Barnes Gardens, Spencer, Ind.

Gladioli, best sorts, extra mixtures, all sizes.
C. Betscher, Canal Dover, Ohio.

HELIOTROPES.

Heliotrope rooted cuttings, six varieties, Dreer's light or dark blue, 75c per 100, $6.00 per 1000, prepaid; set of six, in equal numbers, $1.00 per 100, prepaid.
G. E. Fink, Roselle, N. J.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark, 2-in., 1½c; R. C., ¾c. Cash. 10% disc. for Jan. orders. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, nice stock, 2½-in., $2.00 100; $18.00 1000. Samples free.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotrope rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

Dark heliotrope rooted cuttings, 75c per 100.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering. 1-crown plants, 6c; 2-crown, 8c.
Baur Floral Co., Erie, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

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Iris, Japanese, 50 varieties, $3.00 per 100.
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Iris, all types. Very select list.
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Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or reference, please.
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Moonvine rooted cuttings, $1.50 per 100.
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Palms, especially strong plants, ready for shifting. Kentia Belmoreana, 2½-in. pots, $9.00 per 100; $85.00 per 1000. Areca lutescens, 2½-in. pots, $7.00 per 100; $65.00 per 1000.
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Primula obconica grandiflora, Kermesina, rosea and alba, fine stock, in bud and bloom, 3½-in., $5.00 per 100; 4½-in., $8.00 per 100.
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Primula obconica, mixed, 2-in., 2c; 4-in., in bud and bloom, also 4-in. Chinese, in bloom, 8c. Cash. Byer Bros,, Chambersburg, Pa.

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500,000 3-yr. plants, with 12 to 20 branches; have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rates. Cash with order.
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California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.50 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000; 30 to 36 in., 6 to 10 bran., $22.50 1000. Amoor River, 12 to 18 in., well bran., $12.50 1000; 18 to 24 in., well bran., $15.00 1000; 24 to 30 in., heavy, $20.00 1000; 30 to 36 in., heavy, $25.00 1000. Packed. Cash with order.
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SMILAX STRINGERS.

Smilax stringers. You can stand in the aisle and tie a string on any wire above the bench with ease. Any child can operate it. Saves time and labor. Price, $1.00.
S. C. Brendel, Mount Vernon, Ohio.

SPHAGNUM MOSS.

Sphagnum moss, best quality, 80c per bale; 10 bales, $7.00. Cash with order.
L. Amundson & Son, City Point, Wis.

Ten bales sphagnum, $7.00.
Z. K. Jewett Co., Sparta, Wis.

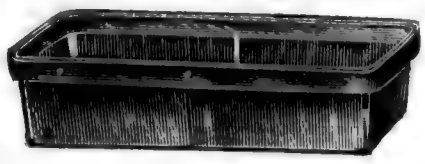
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Tin foil, 10 lbs., 10c per lb.; 100 lbs., $9.00.
Wm. Schlatter & Son, Springfield, Mass.

TOBACCO.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

Pansy and Verbena Baskets



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000 ..... $ 9.00
Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000 ..... 15.00
Detachable wire handles for either of the above, per 1000 ..... 2.00

Have ten other sizes. Send for descriptive circular.

COLES & COMPANY, 109-111 Warren St., New York, N. Y.

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Krick's Florist Novelties



Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles 10c postpaid. **Just the thing for plant growers; will sustain a weight of 100 lbs.**



1164-1166 Greene Ave., BROOKLYN, N. Y.

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"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12 50
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
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Wm. H. Woerner, Wire Worker of the West. Manufacturer of florists' designs only. Second to none. Illustrated catalogues.
520 N. 16th St., Omaha, Neb.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

50 per cent less than manufacturing cost. Our specialty—100 assorted designs, $10.00.
H. Kenney, 88 Rochester Ave., Brooklyn, N. Y.

Florists' wire designs and hanging baskets.
Wyandotte Wire Works Co.,
406 Ann Ave., Kansas City, Kan.

Headquarters for wire work. Send for list.
F. W. Ball, 31 E. 3rd St., Cincinnati, O.

William E. Hielscher's Wire Works.
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Illustrated book, 250 designs free.
C. C. Pollworth Mfg. Co., Milwaukee, Wis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	3.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

Fine Quality Orchid Peat

25-bbl lots	80c per bbl
50-bbl lots	75c per bbl
100-bbl lots	70c per bbl

Osmunda roots.

WM. MATHEWS, Utica, N. Y.

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Our registered Trade-Mark covering **THE CELEBRATED C. C. B. POCAHONTAS SMOKELESS COAL** corresponds to the Sterling Stamp on silver, as the United States Geological Survey has made it **The Standard for grading all Steam Fuel.**

C. C. B. POCAHONTAS SMOKELESS

Is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria, and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequaled for the Generation of Steam and Domestic Purposes.**

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COAL

Anthracite, Bituminous, Coke and Gas Coal

West End Trust Building. **Philadelphia**

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Greenhouse Heating.

AVERAGE QUANTITY OF COAL.

What would be considered a fair quantity of coal to consume in heating a well built greenhouse, 32x206 feet, to carnation temperature in northern Ohio for a season, figuring on average winter weather? A good grade of lump coal would be used, with plenty of boiler capacity and a good system of hot water piping. C. B.

So much depends upon the boiler and the skill of the fireman, as well as the efficiency of the piping, the quality of the coal and the character of the weather, that all that can be given will be the merest approximation, but under favorable conditions it should be possible to maintain the temperature stated with 400 pounds of coal per day, as an average through the season. In severe weather it might be twice the quantity mentioned, but 600 pounds is morely likely to be a maximum. On the basis of 400 pounds as an average and 180 days in which a fire must be maintained, it will require thirty-six tons of lump coal in a season.

SCALE IN BOILER.

Will you please tell me how to prevent my greenhouse water from getting limy? It is hard water. I have a hot water boiler, which heats 15,000 square feet of glass. I have only one tank, a large one, which is used both for the boiler and for watering. Will it cause any injury to my plants if I put something in the water to prevent its being so hard? J. P. M.

I infer that this question really relates to preventing "scale" from being deposited in the boiler. While there is often considerable trouble from this when hard water is used in steam boilers, the amount deposited in a hot water boiler is generally so small as to be of little account. It would hardly be safe to use the water in the tank for watering the plants, if "boiler compound" were used, and it hardly seems possible that any such remedy will be necessary. Rather than go to the trouble and expense of putting in an expansion tank, which would be necessary if a scale preventive is to be used, it will be easier to draw the water out of the system once or twice during the winter. This will prevent the lime being deposited, as it will only take place when the water has become surcharged with lime, owing to evaporation.

UNSATISFACTORY PIPING.

We have a greenhouse 19x90 feet, eleven feet high to the ridge and running east and west. It is divided into three rooms. In the smallest one we grow chrysanthemums; the center room is devoted to roses and the one farthest from the boiler is used for carnations. The house is heated by a Hitchings No. 16 boiler. It is a good, air-tight house, built by the Lord & Burnham Co. five years ago, but we cannot keep the temperature up. I make up my fire about 9:30 p. m., with the rose house temperature about 56 degrees and the carnation temperature

FOR $1.00



We will send you by express, all charges prepaid, a one pound can of

Tripp's Pipe Joint Compound

Ground in Boiled Linseed Oil, ready to use, and a one pound package of

Tripp's Iron Repair Cement

The Alan H. Tripp Co.

260 S. Clark Street, CHICAGO

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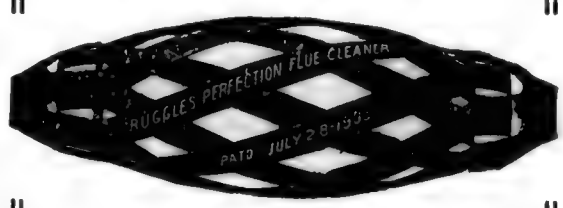
Martin Rocking Grate

IT SAVES COAL

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It's the New

Perfection Flue Cleaner

and we want to send it to you for 30 days' FREE trial.

The Perfection will clean welded flues as well as old ones; remove scale from tubes without cutting metal; clean hot or cold flues without changing temper; can be operated by flexible handle.

The knives are always sharp.
Heads are drop steel forgings.
Hundreds now in use by florists.

Scully Steel & Iron Co.

Halsted and Fulton Sts., Chicago, Ill.

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Steel Return Tubular Boilers

The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.

JOHNSTON HEATING CO.

138 E. 31st St., NEW YORK

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High-Grade Boilers

Get Our Catalogue For GREENHOUSES
STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

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ANNOUNCEMENT

If You

want to talk

Boilers

or

Heating

with the man who knows, look for Mr. Lautenschlager, heating engineer for Kroeschell Bros. Co.

He will be at the Carnation Show and looks like this

FT. PITT HOTEL,
Pittsburg,
Jan. 26-27

Special Notice

Our Mr. Lautenschlager will make a tour of the following States directly after the Carnation Show:

Indiana, Ohio, Kentucky, the Virginias, Maryland, District of Columbia Pennsylvania, New Jersey, New York, Connecticut, Rhode Island, Maine, Massachusetts.

Hundreds of Kroeschell boilers used in these States. Write us at once if you wish him to call at your place and look over your requirements.

KROESCHELL BROS. CO.
High Grade Boilers
Generators : Piping Systems
444 W. Erie Street, CHICAGO

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about 50 degrees. Then I go home, and return at 7 a. m. This morning, December 30, at 7 a. m., the thermometer outdoors registered 3 degrees above zero. The temperature in the rose house was down to 42 degrees, and in the carnation house down to 36 degrees.

The chrysanthemum house contains 250 feet of 4-inch piping, the rose house 396 feet and the carnation house 352 feet. The chrysanthemum house contains 3,800 cubic feet of space, the rose house 4,916 cubic feet and the carnation house 4,916 cubic feet. What do you think is the cause of our trouble? I am located in Rhode Island. W. H. C.

While the question tells the width and height of the house, as well as the amount of piping in each room and the number



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WILKS
Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses :: ::
No night fireman required with our Self-feeding Hot Water Boilers.
Send for Catalogue and Prices
S. WILKS MFG. CO.
3523 Shields Ave., CHICAGO

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of cubic feet of space in each room, it omits two important points—the length of each room and the amount of glass in the side walls. Without these particulars no very definite reply can be given, as it is the amount of exposed glass surface, rather than the cubic contents of the houses, that is considered.

Supposing that the rose and carnation houses are thirty-three feet long and the chrysanthemum house twenty-four feet long, and that there are two feet of glass in each side wall, there is nothing in the data given which will explain the trouble. The heater is a good one and is amply large enough to heat the entire house to 60 degrees. There is 1,000 square feet of radiating surface, which should more than suffice to maintain a temperature above 60 degrees, in all of the rooms.

It would seem that the only possible cause is that the pipes are too near the level of the boiler, or perhaps that they are not properly graded.

Instead of using 4-inch pipe, it would have been better to use 2½-inch flows and either 2-inch or 2½-inch returns. For the carnation house it would have only required three 2½-inch flows and eight 2-inch returns, and the same would have answered for the chrysanthemum house, while three flows and twelve returns would have answered for the rose house.

IN NORTHERN ILLINOIS.

My greenhouse is 20x85 feet, eleven feet to the ridge and two feet from the path to the gutter. The south roof is fourteen feet from the ridge to the gutter and the north roof is twelve feet. There is a 4-foot wall of concrete. The west end of the house is extended 9x18 feet, connecting with the boiler room.

Will a boiler which carries 975 square feet of radiation heat the house to 50 degrees in zero weather, if the house is properly piped? The boiler is made for four 2-inch flows and returns. Will it be advisable to run the flow pipe along the side walls and return with 1½-inch pipes? There are two 4-foot benches in the center and a 5-foot bench on each side. Please advise how to pipe. G. H. R.

As 600 square feet of radiating surface is all that is needed to heat the house described, aside from the connecting house, the boiler with a capacity for 975 square feet should be amply large.

While it will answer to use 1½-inch pipes, it will be better, in houses more than fifty feet long, to use 2-inch pipe for the returns. With four 2-inch flow pipes it will be necessary to use eleven 1½-inch returns, while nine 2-inch returns would be sufficient. The flow pipes can all be carried on the side walls, or a

A Catalogue Worth Having

Our new Boiler Catalogue is a valuable book to any florist, large or small, and everybody who has a greenhouse ought to have one of them by all means. This catalogue tells you all you want to know about greenhouse heating and tells it in a simple manner, so that everything is easily understood.

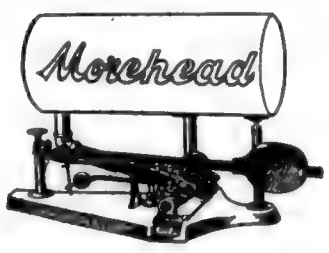
One of our large customers wrote for six copies to give to his men—he said it would make them valuable employees.

Sent free to any florist on request.
Get our Greenhouse Catalogue too.

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904 Blackhawk Street **Chicago**

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Among Florists
It's The Morehead
WHY?



BECAUSE it is giving them service they thought could not be bought for money.

With an installation of a **Morehead Return Steam Trap** there begins a better growth of flowers, a more even temperature in your greenhouses, a decided decrease in your fuel bill and an infinite period of satisfaction.

Let us put your name on our list of "satisfied users." **Our "Trap Book" sent on request.**

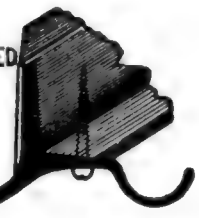
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Pat. Sept. 18, 1900



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IRON GUTTER.



Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS
Improved Vaporizing Pans for Tobacco Extracts, Etc.
Send for Circulars.
DILLER, CASKEY & KEEN, S. W. Cor. 6th and Berks Sts. **PHILADELPHIA, PA**

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Pipe Fittings -- Imico Boilers
FOR GREENHOUSE WORK
ILLINOIS MALLEABLE IRON CO.
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Leaks Ruin Stock

Don't Have Them

Our Emergency Pipe Clamps

are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



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BUY THE

Taylor Automatic RETURN TRAP



AND SAVE MONEY

Write for our **Guarantee and Best Prices**

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THE SUPERIOR

GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of

GRATE BARS

both rocking and stationary

Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.

Send for catalogue and prices.

Superior Machine and Boiler Works

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L. D. Phone, Monroe 1008.

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part of them may be upon the purlins. The returns should be distributed as evenly as possible under the different benches.



ABOUT ITS ERECTION

Taken side by side, with conditions equal, the U-Bar house can be erected with less trouble and greatest speed. Look at a U-Bar house and it is plain enough why—rafter and roof bars combined in one—the entire frame reduced to a mere web—no complicated fittings to bolt up—one-third less glazing to do because the glass is spaced one-third wider—simply straight away work from start to finish.

If yours is a case where time counts and where greatest endurance and highest productiveness are requirements, then send for a catalogue and get in immediate touch with us.

U-BAR GREENHOUSES

PIERSON U-BAR CO.

DESIGNERS AND BUILDERS 1 MADISON AVE., NEW YORK

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KEEP TAB ON THE Night Temperature

Many a grower has found an immediate improvement in the quality of his stock when he put in our

IMPROVED

Recording THERMOMETER

It tells in the morning just how the temperature in the houses has varied during the night.

Illinois State Florists' Association.

Edwardsville Ill., Oct. 28, 1908.
The Recording Thermometer is working o. k. I would not part with it for twice the cost. Send me $1.00 worth of charts for the same.
J. F. Ammann.

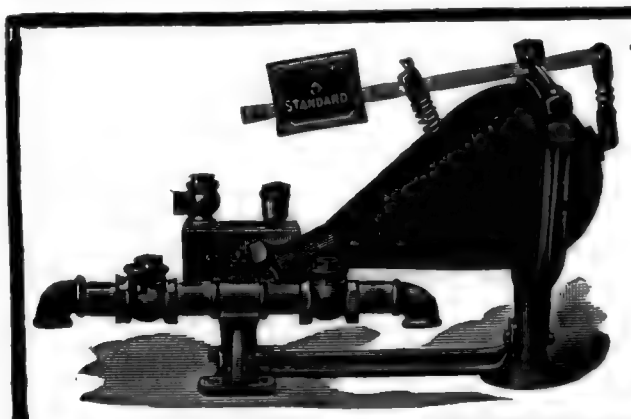
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Standard Thermometer Co.

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65 Shirley Street, BOSTON, MASS.

No. 300. Mention The Review when you write.



The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

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...Rubber Hose Specialists...

Look for this Brand.

The only manufacturers devoting their entire time and attention to the manufacture of Rubber Hose.



Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

MANUFACTURERS OF ELECTRIC GARDEN HOSE

Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Write for prices.

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NEW BEDFORD, MASS.

Current Comment.

Business was fairly good last week. Funeral work was good, cleaning up lots of stock. Carnations are now retailing at 60 cents and 75 cents per dozen. Roses bring from $1.50 to $2 per dozen, retail. Violets are in fairly good demand, retailing at $1.50 per hundred blooms. Sweet peas sell at $1 per hundred. Paper Whites are in good supply; they retail at 50 cents per dozen. Green is in good demand. Some nice flowering plants are still to be seen here in the stores.

On Saturday, January 15, this city was visited by a severe snow storm and blizzard. As a result, in the evening there was but little doing uptown.

It is now time to be getting ready for Memorial day, and florists here will soon be planting ten weeks' stocks, candytuft, etc. A great quantity of these two flowers is grown here.

Easter lilies, in general, are looking fairly well and give promise of a good crop.

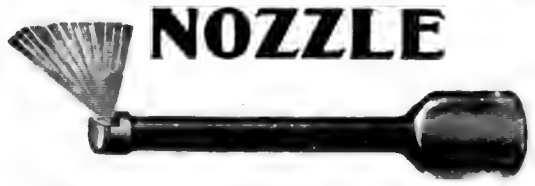
All the uptown stores are making nice window displays just now.

The weather at present is cold and fair. W. L.

Elwood, Ind.—F. W. Blubaugh recently added to his range an iron-frame greenhouse, 25x125, of King construction. Part of the new house is stocked with sweet peas and the rest of it with radishes and lettuce.

Bessemer, Ala.—Mrs. W. D. Brown says that last fall was unusually favorable for the culture of chrysanthemums in this locality. She always grows these flowers outdoors and had a beautiful arbor of them.

STOTT SPRAY NOZZLE



Gives a spray as fine as mist. Well diffused for insecticide purposes; it sprays under the leaves as well as over. Very economical of fluid. It cannot choke or get out of order.

Price, $1.00 each;
By mail, $1.10 each.

Stumpp & Walter Co.
50 Barclay Street, NEW YORK

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"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.



...THE NEW...

Chicago Sprayer

This Sprayer is made of aluminum and with two brass plates, one being fine and the other coarse. They can be easily removed, quickly cleaned and this sprayer will never wear out.

E. H. HUNT, Chicago, Ill.
Dear Sir:—We just want to say that your new "Chicago Sprayer" is the finest thing in that line that has ever come to our notice.
BAUR & SMITH, Indianapolis, Ind.

E. H. HUNT, Chicago, Ill.
Dear Sir:—The "Chicago Sprayer" works admirably on small plants like pansies, and equally well for spraying roses. It has my approval.
W. A. HARSHBARGER.

Sprayer face 4½ inches wide, nozzle 6½ inches long, ¾-inch pipe connection, $2.50 each.

E. H. HUNT, Established 1879
76-78 Wabash Avenue, CHICAGO

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FLORISTS' REVIEW
WHEN WRITING ADVERTISERS

A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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Just the thing for tying up Hyacinths, Tulips, Fuchsias, and all pot plants

	1000
Plain 12 in.,	$1.10
Plain 18 in.,	1.25
Green 12 in.,	1.50
Green 18 in.,	1.75

Stumpp & Walter Co.
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KEYSTONE CEDAR PLANT TUBS.



	Diam.	Each.	Doz.	100.
A	11 in.	.65	7.15	55.00
B	12¼ "	.75	8.25	65.00
C	13½ "	.85	9.35	75.00
D	14¾ "	1.00	11.00	90.00
E	15¾ "	1.25	13.75	110.00
F	16¼ "	1.50	16.50	130.00

Three largest sizes have handles.

Special PAIL TUBS.

8 inches.	.30	3.50	28.00
11 "	.30	3.50	28.00

Painted Green.

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714 Chestnut Street,
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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.

10,000....$1.75; 50,000....$7.50; Sample free
For Sale by Dealers

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Awarded diploma and medal, 1907, for the celebrated
Shower Maker, $1.00
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopesay, South Bend, Ind.

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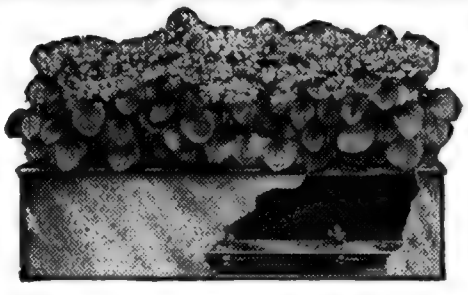
NOXALL FLORISTS' HOSE



Furnished in any length up to 500 feet, without seam, joint or connection, ½ and ¾-in. sizes. An exceptionally high grade greenhouse hose, manufactured with a double woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover. The double woven jacket construction makes a stronger hose than can be obtained from cotton duck and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking. Noxall Hose is guaranteed to stand a pressure of 500 lbs. per square inch, although its bursting pressure is far in excess of this. Noxall Hose is made by the latest and most improved methods and its construction is the most important improvement made in the manufacture of rubber hose since Goodyear discovered the process of vulcanizing rubber 75 years ago. No hose made will give equal service for greenhouse use.

SPECIAL NET PRICES:—¾-in. size, 16c per ft., coupled, cut any length; ½-in. size, 14c per ft., coupled, cut any length. Write for special prices on 100, 200 and 500-ft. lots.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO



Sell Your Customers Flower Boxes as Well as Flowers. Increase Your Sales and Please Your Patrons by Showing a Line of the

Illinois SELF-WATERING FLOWER BOXES

THE BEST THING EVER DEVISED for INEXPERIENCED FLOWER GROWERS

Your customers will not complain of plants which you sell them if planted in these boxes. These handsome metal window boxes, porch boxes, hanging baskets, jardiniere pans, etc., are made in 25 different shapes and sizes for use in all manner of places where growing plants are employed. Reservoir has to be filled with water only about once in two weeks—perfect sub-irrigation provided. Widely advertised in the leading magazines. **Your jobber will supply you,** or write to

Handsome illustrated booklet sent free on request. **ILLINOIS HEATER & MFG. CO.** 31 Dearborn Street CHICAGO

Bolgiano's Seed Store, Baltimore, Md., distributors for Maryland, Virginia, W. Va. and D. C.

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Has paid $116,000.00 for glass broken during the last 21 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River, N. J.

Tobacco Paper Is the **STRONGEST, BEST PACKED, EASIEST APPLIED**

24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" LIQUID

Furnishes the Most Nicotine for the Money!

Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine

By far the CHEAPEST.

Just Note Prices!

Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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PITTSBURG.

The Market.

Business is all right as far as it goes, but it is not going as far as some would wish to see it just now, and this is the result largely of the weather conditions, which can only be described as rotten. Violets seem to suffer most, as they usually move best when they can be worn on the streets and that has not been lately. But what's the use of kicking? It has been worse. With snow, rain, more snow and more rain, what can we expect? But we are satisfied to get this all worked out now, so as to be ready for the carnation people when they come.

The Carnation Convention.

The committee having charge of the arrangements for the carnation convention met at Fort Pitt hotel and all reports were satisfactory. The finance committee reports almost enough money subscribed and paid in without any personal solicitation, and no worry is felt for the balance. The entertainment committee is now figuring how it can get in its full program in the limited time of the convention meeting. This looks like the program to date: First evening, Wednesday, smoker at Fort Pitt hotel for men and theater party for ladies, with luncheon afterward at Fort Pitt hotel; Thursday, trip to H. J. Heinz (home of 57 varieties), where, after an inspection of the largest establishment of its kind in the world, a luncheon will be served in their auditorium, with some entertainment; Thursday night, the banquet in the English room of the Fort Pitt hotel and, if it is not a success, I will take off my hat to all of you; Friday, President Burki has planned a trip to Bakerstown, the home of the Pittsburgh Cut Flower Co., and if everyone does not stay for this, I know Mr. Burki will be disappointed, as he just wants to show, not the largest plant in the world, but one that he will not be ashamed of.

I have not mentioned the regular convention meetings, which will have their own good things for those who are most interested along that line.

Don't forget to bring your ladies or you will inconvenience the committee which is providing for them.

Hoo-Hoo.

South Paris, Me.—E. P. Crockett has built a greenhouse, with an office and other rooms attached, near his father's home on Porter street.

Dayton, O.—Mrs. B. Haschke, of the College Park Gardens, says that last year was a splendid one in her business. The demand for pot plants for Christmas was greater than ever before.

THE MASTIN AUTOMATIC WHITEWASH AND SPRAYING MACHINE IS RELIABLE, PRACTICAL AND DURABLE



The tank is made of galvanized sheet steel, and in brass.
The pump is of brass throughout, simple and powerful.
The mixing device keeps the contents of the tank well stirred up from start to finish.
When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.
All parts are made to gauge and may be had for repairs.
Ask your dealer about our **Extension Hose, Extension Rods,** and the **Mastin Whitewash Nozzle** for Bordeaux mixture.

Sold through seedsmen, dealers in florists' and poultry supplies.

J. G. MASTIN & CO., 3124 West Lake St. CHICAGO, ILL.

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Green Flies and Black ones too are easy to kill with

The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO.,
MOUNT VERNON NEW YORK.

Spray Your Roses or Plants With the Kant Klog Sprayer.



YOU WILL BE SATISFIED.

Price each, net

Galvanized $4.00
Brass body..... 6.00
8-ft. extension pipes.. .35

Immediate shipment in any quantity. We make larger sprayers and spray hose.

Write or wire.

THE CRESTLINE MFG. CO., Crestline, Ohio, U. S. A.

SAVE YOUR PLANTS FROM BUGS

Don't have your flowers, shrubs, fruits or vegetables ruined this season. Kill the **White Fly.** Spray the plants early and often with a solution of

GOOD'S Caustic Potash and Whale Oil **SOAP No. 3**

Sure death to all insects and parasites. Not injurious to trees and plants. Fertilizes and quickens growth. Endorsed by **U. S. Department of Agriculture.**

50 lbs., $2.50; 100 lbs., $4.50; larger quantities proportionately less.

JAMES GOOD, Original Maker,
965 N. Front Street, Philadelphia

Fertilized Flower Pots



For Growing and Shipping Plants

Made of Extra Heavy Manila Waterproof Cardboard, Fertilized, Wire-stitched Seams, Perfect Drainage and Shipped Flat

If you grow Tomatoes or Pot Plants you cannot afford to pass over this.

These square pots economize space, give more room to the roots than the tapering round pots. In setting out plants the pots are not removed. Simply unlock the bottom flaps and turn them up (see cut), allowing the roots to grow down.

Size	Gross Weight per 1000	250	1000
2¼-inch	about 30 lbs	$1.00	$3.00
3 -inch	about 40 lbs	1.50	5.50
3½-inch	about 50 lbs	1.75	6.50

In setting out plants unlock the bottom, pull pot up one inch, and you have a wall to protect the roots against grubs and worms.

STUMPP & WALTER CO.

50 Barclay St., New York

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Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

No order too large for us to give you prompt shipment

ESTABLISHED 1862

W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.

Manufacturers of **STANDARD FLOWER POTS**

No order too small to receive our careful attention

Mention The Review when you write.

Syracuse Red Pots

We have a large stock of well made and well burned pots on hand for the trade of 1910.

Prompt shipments guaranteed.

Our terms are as good as the best.

Catalogue for 1910 on application.

Syracuse Pottery Co.

SYRACUSE, N. Y.

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All The Clay

for our

Florists' Red Pots

is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO.

ZANESVILLE, OHIO.

Mention The Review when you write.



GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.

2614-2622 Herndon Street Near Wrightwood Ave., CHICAGO, ILL.

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Standard Red Pots

Price list and samples on application.

We carry a complete line of Florists' pots.

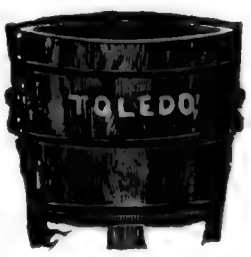
Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

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American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50



The American Woodenware Mfg. Co

TOLEDO, OHIO

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RED STANDARD POTS PRICES PER 1000 F. O. B. HARRISON

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

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Always mention the Florists' Review when writing advertisers.



Manufacturers of the original Red Flower Pots. None better made at any price.

BUY your Flower Pots from the C. C. Pollworth Co., Milwaukee. We are as near to you as your railroad.

POLLWORTH MILWAUKEE

Mention The Review when you write.

For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

World's Largest Manufacturers

Write for Catalogue and Discounts.

A. H. HEWS & CO., Inc., Established 1765 CAMBRIDGE, MASS.

Pearson St., LONG ISLAND CITY, N. Y. 452-460 N. Branch St., CHICAGO, ILL.

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KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots

Azalea Pots, Bulb and Fern Pans, Etc.

The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.

213 to 223 PEARL STREET, NORRISTOWN, PA.

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THE FAMOUS IONIA POTS

STRONGEST, LIGHTEST, MOST POROUS.

Packed in strong, hardwood crates. Plenty of straw.

We solved the breakage problem years ago.

We are ready for that order NOW.

IONIA POTTERY CO., - - IONIA, MICH.

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Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

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Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

Always Mention the....

Florists' Review

When Writing Advertisers

ROCHESTER.

The progress Rochester is making as a trade center is well shown by the fact that the Commercial Florists' Association of Rochester is one of the two or three florists' clubs in the United States which has a permanent headquarters. Rooms have recently been secured in the Cutler building and furnished for the occupation of the club. It is intended eventually to have the rooms open to the members at all times and to establish a library of trade literature. The step promises to result in a large increase in the already strong membership.

At the meeting January 10 the officers of last year were reëlected. The regular meetings are held on the second Monday of each month. The club has appointed committees and is well along on the work of preparation for the entertainment of the S. A. F. annual convention next August. The Rochester convention will be of special importance to the society because, if present plans do not miscarry, it will result in a radical change in the character of the conventions. The two most important innovations planned are for a public exhibition of plants separate from the trades' display, and the division of the business sessions into sections, each section to be devoted to some special interest.

At the last meeting of the society it was proposed that its name be shortened to Rochester Florists' Association, the membership to include, besides those on the present roster, nurserymen, seedsmen and gardeners, whether commercial or private in their activities. At the next meeting the dinner committee will be appointed, it having been announced that the association will gather for this social feature as soon as preparations can be completed. It is proposed to make the question box one of the features of the regular meetings.

One of the significant features of the last meeting was the annual report of Treasurer W. L. Keller. The report indicated that the net proceeds from the flower show last fall were $1,498.94, which, with proceeds from other sources, swelled the total income of the association to $1,637.34, of which sum there is at present in the treasury $1,367.06, as against $12 one year ago.

OTTAWA, KAN.—Holiday trade at the Lester Greenhouse was twenty-five per cent better than a year ago, in both plants and cut flowers.

PADUCAH, KY.—Schmaus Bros. report that holiday trade this season was one-third better than a year ago. The demand was about equally divided between cut flowers and plants.

DO YOUR PLANTS AND FLOWERS EAT ENOUGH?
DO YOU GET A TOP PRICE MARKET?



Grain fed sheep manure is Nature's fertilizer, possessing in excess those elements necessary for hardy plant life in readily available form. The large percentage of humus also makes available dormant elements in the soil.

By special process the raw material from covered pens only is dried, ground, weed seeds destroyed and packed in 100 lb. bags.

Sheep's Head brand trade-mark guarantees it to be unadulterated, reliable, safe, quick acting and a perfect plant food for plants of all kinds.

Send postal for our interesting booklet describing supply, making and applying; also prices.

WRITE TODAY.

Natural Guano Company, 300 Montgomery Ave. AURORA, ILL.

To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine
FOR SPRAYING

FUMIGATING PAPER
FOR BURNING

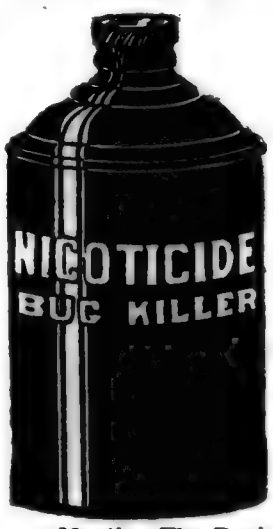
Fumigating Powder
FOR SLOW BURNING

DUSTING POWDER
FOR VEGETABLE GROWERS

You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT
76-78 Wabash Ave. CHICAGO.

Mention The Review when you write.



THE BEST Bug Killer and Bloom Saver

Drop us a line and We will prove it

P. R. PALETHORPE CO.
Dept. A
Owensboro, Ky.

Mention The Review when you write.

With the Skinner System of Irrigation ONE MAN can do the work of FORTY MEN watering with a hose.

The Skinner Irrigation Co.
TROY, O.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

WIZARD BRAND (TRADE MARK) MANURES

Dried, screened and packed in bags of 100 lbs. each.

PULVERIZED SHEEP MANURE
PURE - UNIFORM - RELIABLE

A strong and quick acting manure, highly recommended for carnations and chrysanthemums.

SHREDDED CATTLE MANURE
Easy to Handle and Apply

Stronger and better in every way than rough manure. Lasts much longer on the benches. Unequaled for mulching and feeding roses, liquid manuring and mixing with bench and potting soil. Used by all the largest growers.

Ask your supply man or write us for circulars and prices.

...THE...
Pulverized Manure Co.
33 Union Stock Yards
CHICAGO
Mention The Review when you write.

GET OUR PRICES ON
Galvanized Wire Rose Stakes and Tying Wire
IGOE BROTHERS
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
63-71 Metropolitan Ave., BROOKLYN, N. Y.
Mention The Review when you write.

Peerless Sulphur Blower
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago
McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.
Mention The Review when you write.

KILMDEAD
The best of all the tobacco dusts for Dusting or Fumigating



50 lbs. $1.00 100 lbs. $ 5.00 1000 lbs. $27.00
80 lbs. 1.75 200 lbs. 14.00 2000 lbs. 52.00

Stumpp & Walter Co. 50 Barclay St., New York.

Insure yourself maximum crops of excellent quality by feeding and nourishing your plants with

Evergreen Brand Flower Fertilizer

Its recommendation is based upon careful, extended and disinterested experiments, showing that this material is a nourishing, easily available food for crops.

It can be used on any kind of soil, for it is a combination of all Plant Foods in such proportions as are taken from the ground by herbaceous plants.

Its use provides Digestible Food for the roots when they require it, regardless of climate or character of soil.

Can be used at any time during the growing season, dry or in solution.

Put up in 12-pound cans. Price, $2.00 each.

For sale by Leading Jobbers.

D. D. Johnson Company

Manufacturers

66 Wabash Ave., CHICAGO

BALTIMORE.

The Market.

The weather, upon which the florists' trade so closely depends, continues wintry and exceptionally trying, the records of the weather bureau showing that this winter has been exceedingly severe from December 1 to January 15. The average temperature for this time has been 26.3 degrees, which is 5 or 6 degrees below the normal mean temperature for that period. In ordinary seasons in this section, after a cold spell of two or three days, there is a thaw, followed by a spring-like interval of a few days, but this year the cold has been unremitting and snow has covered the ground for weeks. Fortunately, one favorable feature was the few cloudy days, the atmosphere generally being clear and inspiring.

Roses are coming in better and are moved without much trouble. Carnations seem to be in full crop with a great many growers, judging by the appearance of the street fakers on Saturday, who were loaded down with them at 25 cents per dozen. Sweet peas are coming in large quantities and are eagerly sought after. Daffodils have arrived and some extra fine Golden Spur are to be had at 3½ cents. Violets are not so good as they were before Christmas. They are chiefly from New York and are mostly of the single varieties.

Various Notes.

The Baltimore Florists' Exchange held its annual meeting and election on January 10 and the following directors and officers were elected for the ensuing year: President and director, I. H. Moss; vice-president, F. C. Bauer; secretary, P. B. Welsh; treasurer, C. E. Akehurst; directors, F. C. Burger, Wm. Lehr, R. L. Graham. Manager J. J. Perry reports that this year's business was the largest and most profitable in the history of the concern.

At the club meeting January 10, F. C. Bauer had on exhibition President Taft begonia, which was much admired, as was also some of his new seedling mignonette, which was of immense size and stem.

James Hamilton gave a talk on greenhouse heating. He has just finished a large cement propagating bench, 150 feet long, for carnations. Q.

Wheeling, W. Va.—Zane & Son belong to an historic family. Ebenezer Zane's log cabin, built in 1769, was the first building put up in Wheeling, and it was to this cabin Elizabeth Zane made her famous dash for powder during the siege of Fort Henry by the British and Indians.

Our Steel Eave



The galvanized iron roof bar brackets are bolted to the steel eave plate, which is itself bolted to the wrought iron posts. You know that the most lasting of eave plates is that of iron to iron. No greenhouse could be more lasting than one built this way.

Hitchings & Company

Designing and Sales Offices: 1170 Broadway, New York
General Offices and Factory: Elizabeth, N. J.

Mention The Review when you write.

Concrete Steel Benches

After three years' experimenting and putting to actual test, we are prepared to book your orders for our Steel Forms, by which means you can erect the neatest, most durable bench known to the grower today. Many perfectly pleased and satisfied customers on our books.

We invite correspondence.

Wilson-Hoyt Co., 1 Madison Avenue, New York

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ESTABLISHED 1860

For 48 years we have supplied only the best in

Red Cypress Greenhouse Material

AND

Hotbed Sash

THE ALFRED STRUCK COMPANY INCORPORATED

LOUISVILLE, KENTUCKY

Dibert, Stark & Brown Cypress Co.

DONNER, LA.

Manufacturers LOUISIANA CYPRESS LUMBER Lath and Shingles

Write us when you are in the market. Mention name of your dealer. Pecky Cypress a Specialty



Meet Us

at the

American Carnation Society Convention

At Pittsburg, Pa., January 26 and 27

THE ADVANCE CO.
Richmond, Ind.

Mention The Review when you write.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.

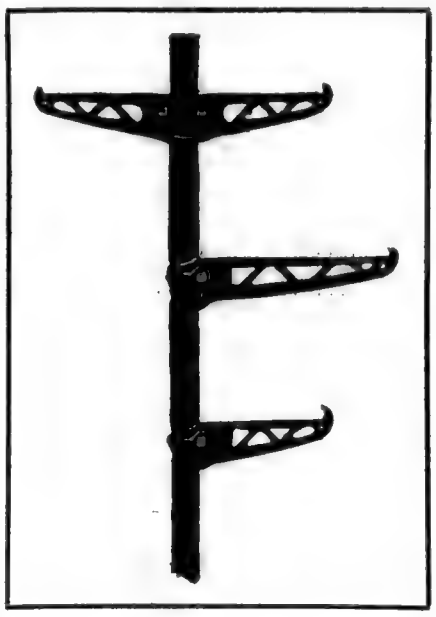
McCray Refrigerator Co. 661 Mill Street, KENDALLVILLE, IND.

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Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works, RICHMOND, IND.



Extra Bench Room

Economy in space, out of the way, easy to reach. When buying **Shelf Brackets**, get the best. Quickly set up, no slipping or tilting, designed for **strength** and **durability**, but no bulky or clumsy affair.

SHELF BRACKETS, Net Prices:

Made for ¾-in. to 2-in. pipe.

12-in., single, 18c each; 8-in., single, 14c each; 8-in., double, 20c each.

When ordering give size of pipe posts.

OUR VENTILATOR MACHINERY

SAVES SASH—LABOR—MONEY

Bulletin No. 22 tells you about it.

"ASK THE MAN WHO HAS ONE" about

King Iron Frame Greenhouses

No other type of greenhouse construction has been received by the trade with such flattering approval. Houses of this type, either in the course of construction or erected, cover many acres in the United States, England, France and Germany. Let us talk to you about it.

Address Dept. A **King Construction Co.,** North Tonawanda, N. Y.

Mention The Review when you write.

PECKY CYPRESS

For Greenhouse Benches. By far the best material.

PLACE ORDERS NOW

It will be open-air dried in the South and delivered when you want it.

Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, etc.

Write for Prices

ADAM SCHILLO LUMBER CO.

1560 Hawthorne St., **CHICAGO**

Telephones Lincoln 410 and 411.



100 Gallon Cypress Tank

for storing water, for scalding and salting, and many other purposes. Can furnish with tight cover, making it suitable for spraying, for $3.00 additional. We make all other size Tanks in any shape, for all purposes.

Steel Towers to elevate Tanks, Bells, Wind Mills, also Silos, Pumps and Gasoline Engines.

Goods guaranteed as represented, or money back.

THE BALTIMORE COOPERAGE CO.

35 S. Liberty Street, BALTIMORE, MD.

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FOR WATER SUPPLY

A Standard Pumping Engine is more reliable than windmills and will furnish a much higher pressure. Catalogue on request—will tell you more.

The Standard Pump & Engine Co., Cleveland, Ohio.

Mention The Review when you write.

S. JACOBS & SONS

1361-1365 Flushing Ave., Brooklyn, N. Y.

Manufacturers and Jobbers in

Greenhouse Construction Material

Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.

Particular people will find our material, workmanship and prompt deliveries come up to their entire satisfaction.

Most complete Factory of its kind in the United States.

Established 38 Years.

Absolute Reliability.

Personal Attention Given to Every Order.



ONE OF OUR NEW ADDITIONS.

Let us quote you

LOUISIANA RED CYPRESS, BOILERS, PIPE, FITTINGS, VENTILATING APPARATUS, GLASS,

We carry 20,000 boxes in stock.

PUTTY.

Mention The Review when you write.



MISSION PLANT BOXES

Are the best and cheapest plant boxes in the market for large plants, boxwoods, bay trees, etc.

They are attractive in design, strong and durable. Suitable for either outdoor or indoor use.

Write for prices.

WAGNER PARK CONSERVATORIES, Sidney, Ohio

Mention The Review when you write.



CALDWELL TANKS and TOWERS are of the Highest Quality of Construction, producing the greatest durability, longest life and best service. Give florists at small expense same water service as in cities. Write for list of users in your vicinity, and illustrated catalogue.

W. E. CALDWELL CO., Incorporated
Louisville, Ky.

TANKS { Steel, Wood, Galvanized } **TOWERS**

Windmills, Pumps, Gas Engines

Mention The Review when you write.

The Weekly Florists' Review

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** at latest, instead of Wednesday morning, as many have done in the past.

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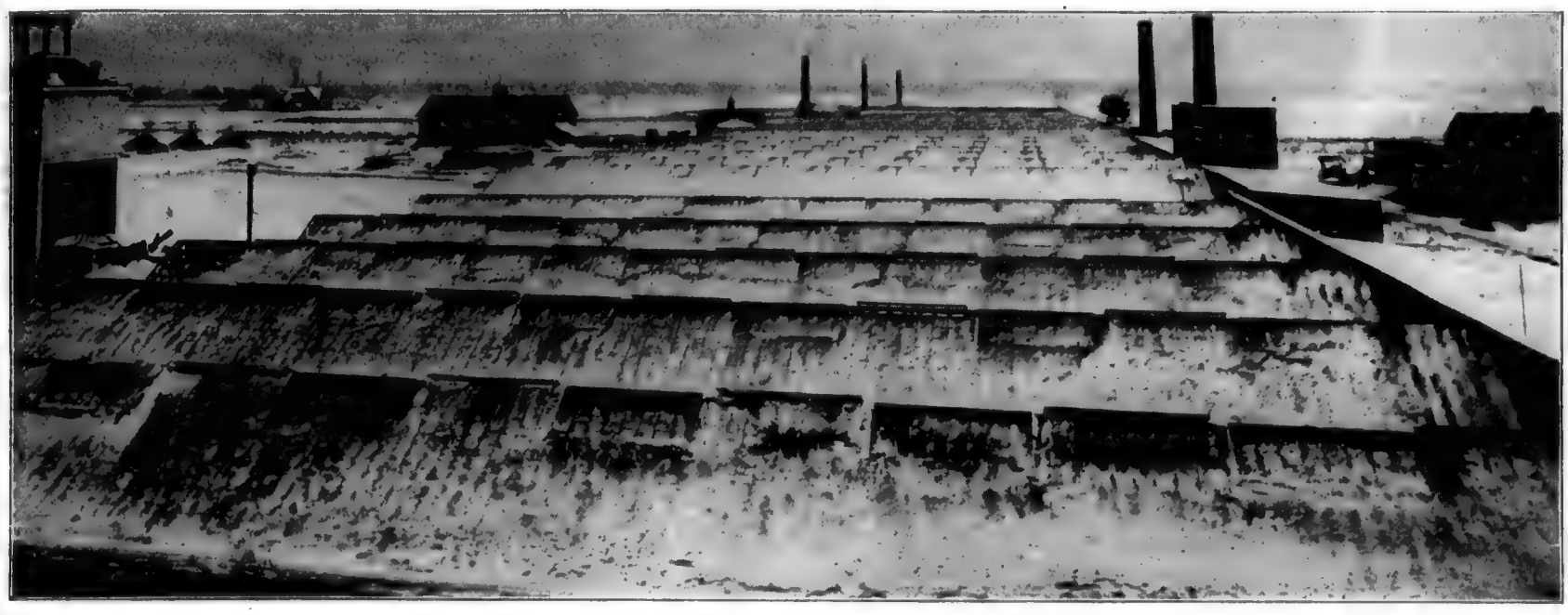
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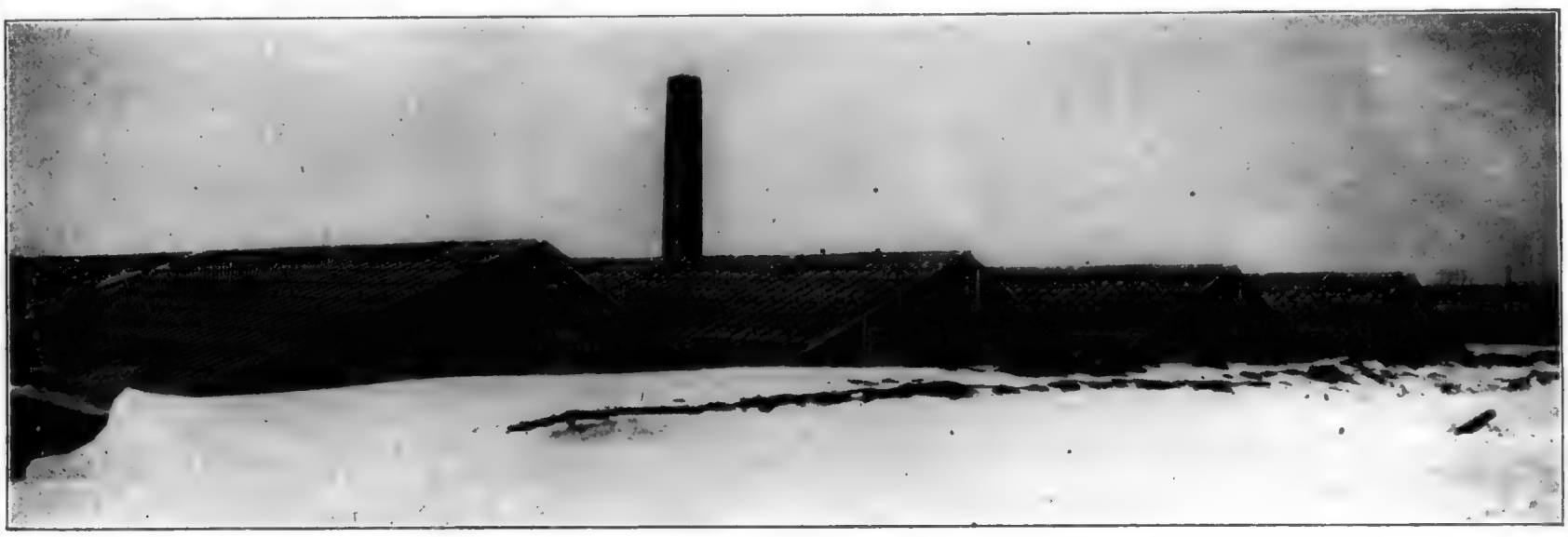
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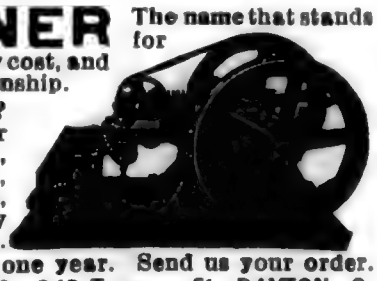
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FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, JANUARY 27, 1910. No. 635.

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Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1909	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.30	Lobelia Speciosa	$0.10	$0.50
Balsam Alba Perfecta	.10	.75	Lobelia Crystal P. Comp.	.15	1.15
Cobaea Scandens, purple	.10	.30	Smilax	.05	.25
Dracaena Indivisa	.10	.25	Stocks Cut and Come Again	.25	
Forget-Me-Not Victoria	.10	.75	Stocks Ten Weeks', mxd	.25	
Mignonette Machet	.10	.50	Stokesia Cyanea	.10	
Petunia, Calif. Giants	.25		Thunbergia	.10	.60
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00

For select strains of VEGETABLE SEEDS, Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our Market Gardeners' Wholesale List, now ready for distribution; mailed upon request.

THE W. W. BARNARD CO., SEEDSMEN 108-110 W. Kinzie St., Chicago

Carnations

Order of us. You will find our stock and our service are right. Our supply, already large, is steadily increasing.

Roses

We recently added the cut from 105,000 feet of glass (one of the best growers in the country) to our supply of roses.

Violets

Valentine's Day will mean big business for you if you have the violets. Let **us** supply you.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

Price List

BEAUTIES	Per doz.
Long stems	$6.00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short stems	1.00
	Per 100
Killarney	$6.00 to $15.00
Richmond	5.00 to 15.00
Maid	5.00 to 12.00
Bride	6.00 to 15.00
Mrs. Field	4.00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common	2.00
Fancy	3.00 to 4.00
MISCELLANEOUS STOCK	
Violets, double	.75 to 1.00
" single	.75
Sweet Peas, fancy	1.00 to 1.50
Jonquils	4.00
Tulips	4.00
Valley	3.00 to 4.00
Easter Lilies, per doz., $2.00	15.00
Callas " 2.00	
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Freesias	4.00
GREENS	
Asparagus Plumosus, per string	.60 to .75
" " " bunch	.35 to .50
" Sprengeri, per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Smilax, per doz., $2.00	15.00
Ferns, per 1000, 2.00	.25
Galax " 1.00	.15
Leucothoe	.75
Mexican Ivy, per 1000, $9.00; per 100,	$1.00

Subject to Market Changes.

51 Wabash Ave.

L. D. Phone Randolph 3619

CHICAGO

There is Nothing You May Want we Haven't Got

(IF IT'S TO BE HAD IN CHICAGO)

Quality is A No. 1. We always bill all shipments at market rates. Order of us and we certainly will give you good value.

Carnations, Roses, Violets, Valley, Bulb Stock, Greens, Wild Smilax.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

48-50 Wabash Avenue, CHICAGO

CARNATIONS

ROSES

Price List

Beauties	Doz.	Beauties	Doz.
Extra long	$6 00	18-inch stem	$2.00
36-inch stem	5.00	15-inch stem	1.50
30-inch stem	4.00	12-inch stem	1.25
24-inch stem	3.00	Short stem	1.00
20-inch stem	2.50		

	Per 100		Per 100
Richmond	$6 00 to $12 00	Bride	$6.00 to $12.00
Killarney	6.00 to 12 00	Maid	6.00 to 12.00
Chatenay	6 00 to 12.00	Ivory	6.00 to 12.00
Field	6 00 to 12 00	Sunrise	6.00 to 12.00
My Maryland	6 00 to 12 00	Gate	6.00 to 12.00
Uncle John	6.00 to 12.00	Perle	6.00 to 12.00

Roses, Our Selection.....$5.00 per 100

	Per 100
Carnations	$2.00 to $ 4.00
Harrisii	15.00
Valley	4.00
Violets	1.00
Adiantum	1.00
Asparagus, per bunch,	$0.50
Ferns, per 1000,	2.00

BEAUTIES

We Sell Only to Those in the Trade

Peter Reinberg, 35 Randolph Street, CHICAGO

NO BETTER STOCK ANYWHERE

We are making a specialty of Rooted Cuttings and believe the way to permanent success lies in sending out on every order only the kind of stock that will lead to further orders from that customer, and from those he tells about the satisfactory stock obtained from us.

Nothing Spectacular—Just the Best Cuttings that can be had, and at Right Prices.

CARNATION CUTTINGS

Clean, well-rooted stock, the kind that will make you and your friends our regular customers.

	Per 100	Per 1000		Per 100	Per 1000
Winsor	$2.50	$20.00	Enchantress	$3.00	$25.00
Beacon	3.00	25.00	White Perfection	3.00	25.00
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.50	20.00

Immediate delivery. Write for special prices on large quantities. No order too large for our facilities.

Chrysanthemum Cuttings

Now booking orders for early delivery.

WHITE	Per 100	Per 1000
Oct. Frost	$2.00	$15.00
Kalb	2.00	15.00
V. Poehlmann	2.50	20.00
Touset	2.00	15.00
A. Byron	2.00	15.00
Wanamaker	2.00	15.00
White Cloud	2.00	15.00

WHITE	Per 100	Per 1000
T. Eaton	$2.50	$20.00
Chadwick	2.50	20.00
Nonin	2.00	15.00
PINK		
Balfour	2.00	15.00
Enguehard	2.00	15.00

YELLOW	Per 100	Per 1000
Golden Glow	$2.00	$15.00
Monrovia	2.00	15.00
Oct. Sunshine	2.00	15.00
Appleton	2.00	15.00
Y. Eaton	2.50	20.00
Golden Chadwick	3.00	25.00
Halliday	2.00	15.00
Bonnaffon	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

TWO SPLENDID
Rose Novelties

Raised by JACKSON DAWSON
Now offered for sale for the first time

LADY DUNCAN

Rosa Wichuraiana fertilized with Rosa rugosa. Absolutely hardy.

WINNER

of the Silver Medal of the Massachusetts Horticultural Society, 1900. One of the finest hardy Ramblers ever raised.



Has the prostrate long rampant growth of the mother, while the Rugosa blood shows in the foliage, spines and flowers, the petals being a warm lively pink and making a delightful contrast to the yellow stamens.

DAYBREAK

Wichuraiana type, formerly known as Seedling No. 7 (Wichuraiana X The Dawson). A vigorous grower, profuse bloomer and easy forcer. Foliage light yellowish green. Hardy as far north as Canada.

Flowers single, in loosely pyramidal clusters. Color deep yellowish pink, a shade darker than Lady Duncan, slightly lighter tint toward center. Stamens very bright orange. Flowers full, round cupped.

EVERY NURSERYMAN AND EASTER PLANT FORCER WILL WANT THESE TWO NEW ROSES.

Stock limited; order now for early spring delivery. PRICES: Strong 3-year-old plants, **$1.00 each; $10.00 per dozen; $80.00 per 100.**

We Carry a Very Large Stock of Fine Conifers, Deciduous Trees and Shrubs and Hardy Herbaceous Perennials.

EASTERN NURSERIES

HENRY S. DAWSON, Mgr. **Jamaica Plain, Mass.**



New Pink Carnation
SANGAMO

A VERY PROFITABLE MARKET VARIETY, EITHER for the LARGE or SMALL GROWER.

It is EASY to ROOT, EASY to GROW, REMARKABLE in VIGOR and PRODUCTIVENESS.

YIELDS ABUNDANTLY in WINTER when FLOWERS are VALUABLE. Can give FEBRUARY DELIVERY.

$12 per 100; $100 per 1000

A. C. BROWN, 217 S. 5th St., SPRINGFIELD, ILL.

High-Grade CANNAS are Money Makers

We are the **largest Canna growers in the world** and grow on our **own Canna farm** over 1 million (200 varieties) annually. **Buy your Cannas now,** direct **from the grower,** getting **the true kind, save money** and **avoid disappointment.** Our home-grown stock is not to be compared with common Southern grown stock, that is raised by cheap colored help, never thoroughly ripened and badly mixed. We offer below **well-cured, sound, plump, 2, 3 and 4-eye pieces** and to be **true to name. Our Cannas are packed** in light boxes or barrels and we secure the lowest express rates. 250 at 1000 rate. **Write for special prices on quantities.**

Orchid-flowering Cannas

	Per doz.	100	1000
ALLEMANIA. 4 to 5 ft. Green foliage. Scarlet and yellow	$0.20	$1 50	$12.00
AUSTRIA. Pure canary-yellow, 5 ft	.20	1.50	12.00
AMERICA. 4½ ft. Bronze foliage, scarlet with yellow throat, extra	.30	2.00	18.00
Burbank. 4½ ft. Gold-yellow, immense heads	.20	1 50	12.00
ITALIA. 4½ ft. Red, bordered yellow	.25	1 75	15.00
KING HUMBERT. 4 ft. Bronze foliage, trusses of gigantic size with orange-scarlet and bright red markings, fine bedder. The true kind	.70	5.00	45.00
LOUISIANA. 6 ft. Large, vivid scarlet crimson	.25	1.75	15.00
MRS. KATE GRAY. 6 ft. Scarlet, with gold	.25	1.75	15.00
PENNSYLVANIA. 5 ft. Deep scarlet	.25	1.75	15.00

Red-flowering, Green Foliage

	Per doz.	100	1000
A. BOUVIER. 5 ft. Dark crimson	$0.25	$1.80	$15.00
Alice Roosevelt. 4 ft. Deep crimson	.40	3.00	25.00
Black Prince. 3½ ft. Intense velvety maroon	.30	2.00	18.00
Black Warrior. 4 ft. Dark maroon	.40	3 00	25.00
Beaute Poitevine. 3½ ft. Dark crimson	.30	2.00	18.00
CHAS. HENDERSON. 4 ft. Br. crimson	.25	1.80	15.00
Chicago. 4½ ft. Clear, deep vermilion	.30	2.00	17.00
Crimson Bedder. 3 ft. Intense scarlet	.30	2.00	17.00
Duke of Marlborough. 4½ ft. Crimson	.30	2 00	18.00
J. D. Eisele. 5 ft. Brilliant vermilion-scarlet	.30	2.00	18 00
EXPLOR. CRAMPBEL. 5½ ft. Rich crimson	.25	1.80	15.00
Express. 2½ ft. Immense heads of scarlet-crimson, dwarf bedder	.40	2.25	20.00
Jean Tissot. 4 ft. Trusses, brilliant vermilion	.35	2.25	20.00
Mrs. W. F. Kasting. 3½ ft. Bright scarlet	.40	3.00	25.00
Mrs. C. W. Ward. 3 ft. Scarlet crimson	.40	3.00	25.00
Papa Nardy. 4½ ft. Purplish crimson	.30	2 00	17 50
President McKinley. 3 ft. Scarlet	.25	1 50	14.00
Senator Viger. 6 ft. Cardinal red, new	.40	3.00	25 00
Tarrytown. 3 ft. Dark crimson	.25	1.75	15.00
Telegraph. 2½ ft. Purplish crimson	.40	3.00	25.00
Triumph. 3 ft. Brigbt scarlet	.40	3.00	25.00
WM. BOFFINGER. 5 ft. Bright scarlet	.25	1.80	15.00

Orange-flowered Cannas

	Per doz.	100	1000
President Cleveland. 4 ft. Orange scarlet	$0.30	$2.00	$17.50
T. COLETTE ROCHAINE. 4½ ft. Immense well branched trusses of large deep orange scarlet flowers, fine bedder	.30	2.00	17.50
Improved Stella Kanst. 4 ft. Bright orange	.35	2.25	20.00
Secretary Chabanne. 4 ft. Rich orange	.30	2.00	17.50

Bronze-leaved, Red-flowering

	Per doz.	100	1000
BLACK BEAUTY. 5 ft. Grand foliage, true	$0.40	$ 2.75	$25.00
Brandywine. 4 ft. Bright red, mottled with deep crimson	.25	2.00	17.00
David Harum. 3½ ft. Vermilion scarlet	.40	2.75	25.00
EGANDALE. 4 ft. Currant red, fine bedder	.30	2.00	18.00
KING HUMBERT. 4 ft. Flower orange scarlet, new, the true kind	.70	5.00	45.00
Leonard Vaughan. 4½ ft. Bright scarlet	.25	1.75	15.00
MUSAFOLIA. 8 ft. The best for center plants, dark green leaves, bronze tinged, extra	.25	1 80	15.00
Metallica. 7 ft. Immense foliage	.20	1.50	12.00
ROBUSTA PERFECTA. 7 ft	.20	1.50	12.00
PRESIDENT MEYER. 4 ft. Immense trusses, color rich cherry carmine, sub. for King Humbert	.30	2 00	18.00
SHENANDOAH. 5 ft. Flowers rich pink	.30	1.75	15.00
Wm. Saunders. New. 3½ ft. One of the finest yet introduced. The flowers are of a bright crimson scarlet, very large, and are produced in immense trusses	2.00	15.00	

Yellow Shades

BUTTERCUP. 3½ ft. Clear golden yellow	.25	1.75	15.00
Comte de Bouchard. 4 ft. Rich golden yellow, spotted with red	.25	2.00	17.50
CORONET. 4½ ft. Beautiful golden yellow	.25	1.75	15.00
ELIZABETH HOSS. 4 ft. Immense trusses, they rival those of the orchid-flowering type in size, blooms spotted on the style of Flor. Vaughan, but more free in flowering, and much larger	.35	2.25	20.00
Florence Vaughan. 5 ft. Yellow, spotted crimson	.25	2.00	18.00
GLADIATOR. 4 ft. Enormous trusses of blooms. The flowers are bright yellow, thickly spotted with crimson, valuable bedding kind	.50	2.75	25.00
Richard Wallace. 4½ ft. Ideal kind with immense trusses and canary yellow flowers, extra fine for bedding	.40	2.75	24.00

Red, Gold-edged Cannas

	Per doz.	100	1000
GLADIOFLORA. Scarlet changing to salmon pink, with gold edged border; the flowers look like a large Gladiolus. 3½ to 4 ft., new	$1.50	$10.00	
Mme. Crozy. 5½ ft. Vermilion, with gold border, new	.40	2.25	$20.00
OSCODA. 2½ ft. Bright red with a rich yellow border, new fine bedder	.50	4.00	35.00
NIAGARA. 3 ft. Great handsome trusses; color, rich deep crimson with a wide irregular border of deep golden yellow fine bedder, true	.40	3.00	25.00
PREMIER. 2½ ft. Deep crimson bordered canary yellow	.30	2 00	18.00
Sam Trelease. 3 ft. Bright scarlet bordered yellow and center bright yellow	.50	3.50	30.00
SOUV. DE ANT. CROZY. 4 ft. Crimson with broad gold band, the finest bedder and for pot culture unsurpassed	.35	2.50	22.50
Queen Charlotte. 3½ ft. Scarlet, widely bordered yellow, the true kind	.35	2.25	20.00
West Virginia. 3 ft. Very similar to Souv. de A. Crozy, fine bedder, true	.40	2.50	20.00
VENUS. 3½ ft. The beautiful flowers are of a soft, rosy pink with a pretty mottled border of creamy yellow, new	.50	3.50	30.00

Pink-flowering Cannas

	Per doz.	100	1000
Duke of York. 5 ft. Rosy pink, bordered with a light golden yellow	$0.25	$2.00	$17.50
Luray. 3 ft. Flowers of an attractive rosy pink	.30	2.00	17.50
LOUISE. 5 ft. Rose carmine shaded with red	.25	1.80	15.00
Martha Washington. 2½ ft. Bright pink, immense trusses, fine bedder	.35	2.25	20.00
Mlle. Berat. 4½ ft. Rose carmine	.25	1.75	15.00
Rosemawr. 3 ft. Delicate shell pink	.35	2.25	20.00
WEST GROVE. 5 ft. Immense flower heads of sea shell pink color	.25	1.80	15.00

White and Cream Shades

	Per doz.	100	1000
ALBA ROSEA. 4 ft. A very beautiful variety, cream white, shading to peach blossom pink	$0.30	$2.00	$17 00
Alsace. 3½ ft. Creamy white for bedding	.35	2.00	15 00
MONT BLANC. Improved. 3 ft. Large, pure white	.70	5.00	45.00
EVOLUTION. 4 ft. Bronze foliage, cream white, shading of light salmon, the most rare kind	.35	2.50	22.00

Mixed Cannas to Color

	Per doz.	100	1000
RED FLOWERING. Dwarf, medium, tall, each	$0.15	$1.20	$10.00
PINK FLOWERING. Dwarf, medium tall, each	.15	1.20	10.00
RED GOLDEDGED FLOWERING. Dwarf, medium, tall, each	.15	1.20	10.00
YELLOW FLOWERING. Dwarf, medium, tall, each	.15	1.20	10.00
ORCHID FLOWERING. Dwarf medium, tall, each	.15	1.20	10.00
BRONZE LEAVED. Dwarf medium, tall, each	.15	1.20	10 00
ALL COLORS MIXED. Dwarf, medium, tall, each	.10	1.00	7.00

Other Bulbs

Begonia Tub. Rooted giant flower, single in colors	.35	2.50	22.00
Begonia Tub. Rooted giant flower, double in colors	.60	4.00	35 00
DAHLIAS. Field-grown, leading kinds for cut flowers, all named	.50	4.50	40.00

Caladiums Esculentum, Elephant Ears

	Per doz.	100	1000
Bulbs 6/8 in. circumference	$0.25	$ 1.75	$18.00
Bulbs 8/10 in. circumference	.50	3.50	30.00
Bulbs 10/12 in. circumference	.75	5.50	50.00
TUBEROSES. Double dwarf pearl, 4/6 in	.15	.90	7.50
" " " 3/4 in	.10	.70	4.50
GLADIOLUS. America, Klondyke, E. Scribe, Taconic, Independence, Harvard, Francis King, Perfection.	.45	3.50	32.00
GLADIOLUS. Augusta, Brenchleyensis, Ceres, La Marck, May	.30	2.25	20.00
Gladiolus Superfine mixed, for florists	.10	.80	7.50
GLOXINIA. Erecta superba, colors or mixed	.60	4.50	40.00
Madeira Vine. Good tubers	.30	1.50	10.00
Iris Kaempferi, 40 Japanese single and double named	1.00	8.00	75.00
Iris Germanica. 30 German named kinds	.65	5 00	40.00
Paeonia Chinensis, named, white, pink, red	1.50	10.00	
Tritoma Pfitzeri. Everblooming kind	1.00	7.00	60.00
Helianti. The most wonderful new winter vegetable, direct imported from Mr. Plottner, Germany. One tuber should produce 500 to 600 tubers in one season. Fine, strong tubers	1.00	6.50	45.00

WE SHALL DO OUR BEST to make every shipment satisfactory and profitable to you. In every case where we fail to do this from any cause do not hesitate to report to us at once. We believe in liberal count, careful labeling, and light, secure packing. ADDRESS,

THE IMPERIAL SEED AND PLANT CO.

Shellroad Greenhouses, Grange P. O., BALTIMORE, MD.



House of Carnation Mrs. C. W. Ward at Cottage Gardens, Photographed December 3, 1909

Important Announcement to Carnation Growers

At the earnest solicitation of a large number of commercial and private growers, the Cottage Gardens Company has decided to disseminate this year the two famous Carnations

MRS. C. W. WARD and ALMA WARD

two varieties which are well known to all the leading growers of the country. Four years' test in the New York market has demonstrated their popularity and good staying qualities For the past three years we have been growing from 15,000 to 25,000 of each, during which time they have always commanded the highest market prices, and at no time has the supply been equal to the demand.

On the exhibition table they have taken the highest honors, and we believe it is safe to say these two Carnations stand without an equal.

INVITATION

We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see them growing and compare their good points with other standard varieties grown under the same conditions.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson; deeper than Winsor; having strong, erect stems, 24 to 36 inches in length A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1, which bring from 25 to 50 per cent more than any other variety on the market.

The keeping qualities of this variety are remarkable. Several shipments of blooms sent to Europe reached their destinations in perfect condition, and wherever exhibited it has always been the last to show signs of wilting.

AWARDS

American Florists' Society Silver Medal, ... Boston, 1906
The Craig Cup for Best Seedling, ... Philadelphia, 1906
The Lawson Bronze Medal, ... Washington, 1908
The Horticultural Society of New York, Silver Medal, Sweepstake Prize for Best 100 Blooms. . . . . New York, 1909
The Horticultural Society of New York, Diploma for Best New Variety, ... New York, 1909

Rooted cuttings, $2.00 per 12; $12.00 per 100; $100.00 per 1000. 25 at 100 rate, 250 at 1000 rate.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter, on strong, erect stems 36 to 42 inches in length.

This most remarkable variety takes the same place among Carnations as the American Beauty Rose among Roses, and has, during the past four years, been awarded numerous prizes, including the following:

The Lawson Silver Medal, ... Toronto, 1907
(No Gold Medal having been awarded.)
The Lawson Gold Medal, ... Washington, 1908
The American Florists' Society, Silver Medal, Washington, 1908

Rooted cuttings, $3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

Delivery, February 1

COTTAGE GARDENS CO., Inc.

QUEENS, LONG ISLAND, N. Y.

An Illustrated Story



I Was Tickled

to get such nice Carnation Cuttings. So writes one customer.

We have another fine lot ready to go out now.



A Telegraph Order

for 5000 White Enchantress was promptly filled.

Write or wire us.



GOOD YOUNG STOCK will make vigorous plants and give you good returns.

Try our Carnation Cuttings.



Pleasant Testimonials

are being received on the quality of our stock.

If you want good Carnation Cuttings, write us.

C. C. POLLWORTH COMPANY, Milwaukee, Wis.

New Carnations

NOW READY

Alma Ward, $15.00 per 100.

Mrs. C. W. Ward, Conquest and Sangamo, $12.00 per 100.

Bay State, Mrs. J. C. Vaughan, Georgia, $6.00 per 100.

Beacon, Afterglow, Enchantress, Rose-pink and White Enchantress, $3.00 per 100.

New Chrysanthemums for the Commercial Grower

Yellow Ivory and Yellow October Frost, $15.00 per 100. February delivery.

Mrs. W. Arnold, Mrs. Wm. Wincott, Mrs. A. R. Peacock, $5.00 per dozen; $35.00 per 100.

We handle over 400 varieties of Chrysanthemums and can fill your order for any amount.

Chas. H. Totty, Madison, N. J.



VIEW IN OUR PROPAGATING HOUSE FOR ROSES

We are not only the largest growers of Cut Flowers in the United States (1,800,000 feet of modern glass devoted to Roses and Carnations), but we are the largest producers of young stock for the trade.

....Rooted Cuttings....

CARNATIONS

Well Rooted Cuttings, Healthy Stock, Now Ready

	100	1000
RED—O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
PINK—Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
WHITE—White Perfection	2.00	15.00
White Lawson	1.50	12.50

Rose Cuttings, Strong, well rooted Cuttings

	100	1000
Richmond	$2.00	$17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Killarney	2.50	20.00
Perle	2.50	20.00
Sunrise	2.50	20.00
My Maryland	4.00	35.00

PETER REINBERG, 35 Randolph Street Chicago

The Ideal Red Carnation

O. P. Bassett

Rooted Cuttings
Per 100, $6.00
Per 1000, $50.00

Buy Direct of the Originators

IT has been the leading Red Carnation in this market, bringing the highest price of any and selling the best. It has paid us more money per square foot of bench than any other variety. The flowers are 3 1-2 inches in diameter, a deep, brilliant red and borne on long, stiff stems. Winner of first prize everywhere.

Bassett & Washburn

Greenhouses, Hinsdale, Ill.

Office and Store } 76 Wabash Ave., Chicago

Always Pure White

Always in Bloom



BED OF SHASTA GROWING FOR CUT BLOOMS
Planted August 1st, Photographed December 1st, 1909.

Greatest Money Making White You Ever Saw

This bed containing 1800 plants gave us 15,000 blooms by January 1st. About the quality, ask any retailer in our city. Shasta will bear up under the closest inspection from every standpoint. Come and see it growing. Delivery February 15th and later. $12 per 100; $100 per 1000.

BAUR & SMITH, :: Indianapolis, Ind.



It takes good, healthy plants, free from rust and other diseases, to produce a crop like this. Our plants have retained their health and vigor since the date of this photograph. It takes healthy plants to produce healthy cuttings, so, if you want cuttings of this kind, send us your order.

	Per 100	1000
White Perfection	$3.00	$25.00
White Enchantress	3.00	25.00
O. P. Bassett	5.00	40.00
Winsor	3.00	25.00
Afterglow	3.00	25.00
Beacon	3.00	25.00
Victory	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Lawson-Enchantress	2.50	20.00
Enchantress	2.00	18.00
Mrs. Patten	3.00	25.00
Lawson	1.50	12.50

ROSE CUTTINGS

Bride and Maid...$2.00 per 100; $17.50 per 1000 Killarney.....$3.00 per 100; $25.00 per 1000 Beauty.....$3 00 per 100; $25.00 per 1000

All cuttings guaranteed to be first-class.

WEILAND & OLINGER, Newcastle, Ind.

Mention The Review when you write.

Carnation Bay State

$3.00 per 100

¶ Having bought a large stock of this new variegated Carnation last year, we can offer first-class rooted cuttings of this variety at $3.00 per 100.

¶ Also rooted cuttings of **Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winona and Winsor** at $3.00 per 100; unrooted cuttings, $2.00 per 100.

¶ Reduced prices made on large orders. Send orders as early as possible.

FRESH CUT FLOWERS SHIPPED TO ALL PARTS OF NEW ENGLAND AND CANADA.

High grade Carnation Blooms our specialty; shipped direct from the grower to the retailer at wholesale price.

Shepard's Garden Carnation Co., 292 Fairmount Street, Lowell, Mass.

U KNOW US! LET'S KNOW U!

A Novelty

We offer you this week the prettiest novelty of the season, that will give just that finish to your corsage bouquets that people of taste will appreciate. We suggest that you tie your bouquets with our

Gold Ribbon and Tassels

They come in lengths that will make a generous bow. The ribbon is an inch wide, of fine workmanship.

The price is $3.00 per doz., $35.00 per gross.

We also have two wider sizes, prices in proportion. You will find that our **Gold Ribbon** and **Tassels** will make a hit with your best customers. Will you give them a trial?

M. RICE & CO.

Importers, Originators, Manufacturers 1220 Race St., PHILADELPHIA, PA

Sparkling Dewdrop MALINE

is **only one** of our recent creations.

This attractive material is especially effective for bridal and debutante bouquets, basket, plant and table decorating.

Samples upon request.

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Specially large and fine stock of natural preserved WREATHS, MOSS WREATHS and METALLIC DESIGNS.

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RIBBONS and CHIFFONS

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THE PITTSBURG CONVENTION

The American Carnation Society Holds Its Nineteenth Annual Meeting and Exhibition.

President, Fred Burki, Pittsburg, Pa.
Vice-president, E. Allan Peirce, Waltham, Mass.
Secretary, A. F. J. Baur, Indianapolis, Ind.
Treasurer, Fred E. Dorner, Jr., Lafayette, Ind.

NEXT MEETING PLACE, BOSTON, MASS., MARCH, 1911.

In many respects the exhibition and convention of the American Carnation Society, held this week at Pittsburg, proved to be the most notable of the long line of successful meetings of this vigorous organization, the most active of all the special flower societies in the United States. While no records as to attendance were broken, there was, nevertheless, a first-class showing from a distance, New York coming with a full carload—nearly thirty people—and Chicago and vicinity being nearly as well represented. J. A. Valentine and Emil Glauber, the Colorado delegates, were farther from home than any one else. The New England representation was light. Peter Fisher was missed. As is always the case, scores of florists from the small towns for fifty miles around dropped in for a few hours and departed without making themselves known to the secretary; still there was a rather good western Pennsylvania accession to the membership.

Pittsburg is an ideal convention town, only one night's ride from most of the convention goers, and the Pittsburg Florists' Club worked hard on the arrangements, so that they were nearly perfect. The only thing that appears to have been overlooked was the propitiation of the weather man—he announced several days before that it would rain or snow in Pittsburg during the convention dates, and it did both fairly continuously—and a deal whereby the Carnation Society should have the exclusive convention privilege that week. As it turned out, there was a big baseball conference, a glass manufacturers' convention and several other meetings, so that the hotels were crowded. The big Fort Pitt hotel, where the Carnation Society met, was obliged to turn away many florists, which was an unpleasant feature—it had been planned to keep everything and everybody under one roof.

The Carnation Society never has had so fine a place for its meeting. The Fort Pitt is one of the big, modern hotels of the country. It affords every creature comfort, and the exhibition hall was a beauty, well ventilated, if it is so poorly lighted that the electrics were required in the day the same as in the evening. Many a member did not step foot outdoors during the two days of the meeting, Wednesday and Thursday.

The Exhibition.

While the business sessions were exceptionally interesting this year, after all it is the exhibition that draws the attendance and holds the attention, for it means real money to most of those in the trade. There have been larger exhibitions of carnations than the one held at Pittsburg this year, for there are not a large number of local growers to participate, but there never was a finer showing anywhere. It is noteworthy that year by year the standard sorts are less and less in evidence and the exhibition is monopolized by the new sorts, those of this season's introduction, those to come out next season, and those sent out a year ago. No one ever saw a finer lot of new sorts than were shown at Pittsburg. There were thirteen splendid competitors for the gold medal, among them being most of the sorts now being disseminated and some of those to come out next year. The effort to make a showing of last year's introductions was only partly successful. While fourteen disseminators offered premiums to tempt competition from those who bought their novelties a year ago, there were no entries in several of these classes and only one in many of them. It was notable that in this year's exhibition there was not even one vase of last year's medal-winner, Roper's variegated, Bay State.

The Novelties.

Possibly the greatest interest attached to the varieties now being sent out. The Cottage Gardens Co. had several vases of Alma Ward, white, and Mrs. C. W. Ward, pink. The awards will show how they stood comparison with the best now in sight. Dorothy Gordon, the light pink of the Joseph Heacock Co., was closely studied, for it is being bought heavily, over 95,000 having now been booked. It looked better than it has in either of the last two years. Admiration, by the Chas. Knopf Floral Co., also showed up better than ever before. Both A. C. Brown and the Chicago Carnation Co. staged fine vases of Sangamo, the pink that was so well thought of at Indianapolis last year, and the latter concern also showed Mary Tolman, light pink, and Conquest, varie-



Fred Burki.
(President-elect American Carnation Society.)

gated, in good shape. The number of new light pink sorts was the subject of comment; Enchantress hardly was in evidence and certainly could not stand up beside the new sorts. Baur & Smith had two fine vases of Shasta, white, which everybody likes for its form. Scarlet Glow, which F. Dorner & Sons Co. is sending out, was second only to one of the finest vases of Beacon ever staged.

Of the sorts that will make their bids next season or later, some of the most prominent were:

W. W. Coles, Kokomo, Ind., staged a variety; the color shows up splendidly under electric light.

F. Dorner & Sons Co. won the silver S. A. F. medal with their red, Hoosier Lad. They also had a light pink seedling, No. 42-06, and a white, No. 68-06.

Baur & Smith, Indianapolis, besides Shasta, had a rose-pink sport of May that was well liked, and a crimson seedling, No. 653.

Robert Craig Co., Philadelphia, had a couple of fine vases of a new white, Norwood, that they plan to disseminate next year.



Albert M. Herr.

(President American Carnation Society.)

crimson, named for his wife, that was good for a certificate.

The Miami Floral Co., Dayton, O., had a fine vase of Miami Queen, pink, and other seedlings.

Wilson & Weber, Brooklyn, had a handsome lot of a fringed pink seedling, raised by the latter, which they call Brooklyn and which will be sent out next year. As staged it looks a good thing.

Henry Eichholz, Waynesboro, Pa., put up a fine vase of Washington, a bright pink sport of Enchantress, the variety recently sold to the Chicago Carnation Co.; also several pot plants of the variety Christmas Cheer.

The E. G. Hill Co., Richmond, Ind., showed the Bertermann yellow, J. W. Riley; Spellbinder, pink; Mrs. Beckwith, red; Niagara, a good-looking white; Annie Mae, exceptionally promising light pink, and some other seedlings.

A. C. Brown, Springfield, Ill., had Superba, another light pink, and Clara Mae, a brighter pink that looks promising.

F. R. Pierson Co., Tarrytown, had a fine lot of standard varieties but only one new sort, No. 40, light pink, that Mr. Pierson thinks highly of as a commercial

Dailledouze Bros., Flatbush, N. Y., with White House, took a medal over three of the finest vases of 100 whites any set of judges ever tackled, and Alma Ward was among them. Dailledouze Bros. also had a good variegated, No. 303.

R. Witterstaetter showed two vases of 100 each, No. 1400-E, light pink, a successor to his J. A. Valentine, sent out some time ago, that he purposes to call President Valentine, and No. 1407-O, an improved Afterglow.

Nic Zweifel, North Milwaukee, came to the front in good shape with his bright pink, Bright Spot, that he plans to send out next year.

The Wanoka Greenhouses, Barneveld, N. Y., had some good looking seedlings in Rainbow, variegated, Sultana, crimson, and a white, No. 214.

W. N. Rudd, Morgan Park, Ill., showed Greenwood, still another light pink; No. 2807-A, crimson; No. 607-A, also light pink, and No. 11004-A, another crimson.

The Wagoner Floral Co., Columbia City, Ind., showed Columbia, a good looking crimson, and standard sorts.

The Finleyville Floral Co., Finleyville, O., had a pink seedling, No. 168, and several standard varieties.

Vases labeled Kathleen B. W. and Mrs. Thomas Harvey had no cards to indicate the owners and there were a number of seedlings under number that were without grower's name. A vase of a white delicately suffused with pink carried a shipping tag from Kennicott Bros. Co., Chicago, but no other label.

The Awards.

The judges were M. A. Patten, John Birnie, E. A. Stroud, W. N. Rudd, Wm. Nicholson and R. Witterstaetter. They divided up into teams of three and did their work in record time, although the large number of splendid entries in the model classes called for some close work. The awards were as follows:

A. C. S. gold medal for best vase of 100 any variety, F. Dorner & Sons Co., on Hoosier Lad, red; thirteen entries.

A. C. S. silver medal for second best vase of 100 any variety, R. Witterstaetter, Cincinnati, on 1400-E, flesh pink; twelve entries.

A. C. S. bronze medal for third best vase of 100 any variety, Dailledouze Bros., Flatbush, N. Y., on White House; eleven entries.

S. A. F. silver medal for best vase of fifty not yet disseminated, to Cottage Gardens Co., on Mrs. C. W. Ward; twelve entries.

S. A. F. bronze medal for second best vase of fifty not yet disseminated, to Cottage Gardens Co., on Alma Ward; ten entries.

One hundred white, Cottage Gardens Co., Queens, N. Y., first, on Alma Ward; Strafford Flower Farm, Strafford, Pa., second, on White Perfection; eight entries.

One hundred flesh pink, F. Dorner & Sons Co., Lafayette, Ind., first, on No. 42-06; F. Dorner & Sons Co. second, on Pink Delight; six entries.

One hundred light pink, Cottage Gardens Co. first, on Mrs. C. W. Ward; Joseph Heacock Co., Wyncote, Pa., second, on Dorothy Gordon; four entries.

One hundred dark pink, Nic Zweifel, North Milwaukee, Wis., first, on Bright Spot; E. G. Hill Co., Richmond, Ind., second, on Afterglow; five entries.

One hundred red, Cottage Gardens Co. first, on Beacon; F. Dorner & Sons Co. second, on Scarlet Glow; seven entries.

One hundred crimson, Wanoka Greenhouses, Barneveld, N. Y., first, on Sultana; W. W. Coles, Kokomo, Ind., second, on Mrs. W. W. Coles; four entries.

One hundred yellow, E. G. Hill Co. first, on J. W. Riley.

One hundred any other color, H. Weber & Sons Co., White Marsh, Md. first, on Toreador; Chicago Carnation Co. second, on Conquest.

Sweepstakes, best vase of any color in the classes for 100 blooms, to Cottage Gardens Co., for Alma Ward, white.

Fifty White Enchantress, A. T. Lorch & Co., Allison Park, Pa., first; A. C. Brown second; four entries.

Fifty White Perfection, Chicago Carnation Co. first; Wagoner Floral Co., Columbia City, Ind., second; five entries.

Fifty any other white, A. T. Lorch & Co. first, on White Lawson; W. N. Rudd second, on Mrs. J. C. Vaughan; two entries.

Fifty Enchantress, Finleyville Floral Co., Finleyville, Pa., first; Wagoner Floral Co. second.

Fifty any other flesh pink, F. Dorner & Sons Co. first, on Pink Delight.

Fifty Rose-pink Enchantress, F. Dorner & Sons Co. first.

Fifty Winsor, A. T. Lorch & Co. first.



A. F. J. Baur.

(Re-elected Secretary American Society.)

Fifty Winona, Finleyville Floral Co. first; E. G. Hill Co. second; three entries.

Fifty Lawson, A. T. Lorch first.

Fifty Afterglow, E. G. Hill Co. first; A. C. Brown second; three entries.

Fifty Victory, F. R. Pierson Co., Tarrytown, N. Y., first.

Fifty any other dark pink, Chicago Carnation Co. first, on Aristocrat.

Fifty Beacon, Chicago Carnation Co. first; F. R. Pierson Co. second; four entries.

Fifty any other scarlet, Chicago Carnation Co. second, on A. Carnegie.

Fifty any other crimson, J. D. Cockcroft first, on Harvard.

Fifty Pink Delight, Chicago Carnation Co. first; E. G. Hill Co. second.

Fifty Mrs. Charles Knopf, Chicago Carnation Co. first.

Fifty May Day, E. G. Hill Co. first; W. Frank & Sons, Portland, Ind., second; three entries.

Fifty O. P. Bassett, Chicago Carnation Co. first.

Fifty Apple Blossom, W. A. Rowlands, Utica, N. Y., first.

Fifty Wanoka, W. A. Rowlands first.

Fifty Georgia, Walter Thomas, Stony Brook, L. I., first.

Fifty Gov. Deneen, Chicago Carnation Co. first.

Fifty Alvina, Chicago Carnation Co. first.

For certificate of merit the varieties entered were scored as follows:

Rainbow, variegated, by Wanoka Greenhouses, Barneveld, N. Y., 85 points.

Annie Mae, pink, by E. G. Hill Co., Richmond, Ind., 85 points.

No. 40, light pink, by F. R. Pierson Co., Tarrytown, N. Y., 79 points.

Mrs. W. W. Coles, crimson, by W. W. Coles, Kokomo, Ind., 86 points.

No. 1400-E, light pink, by R. Witterstaetter, Cincinnati, 86 points. The variety was thereupon named President Valentine.

No. 1407-0, pink, by R. Witterstaetter, 85 points. The name Afterglow, Jr., is proposed for this variety.

Miami Queen, by the Miami Floral Co., scored 78 points.

Sultana, crimson, by Wanoka Greenhouses, 87 points.

For preliminary certificate; No. 168, pink, by the Finleyville Floral Co., Finleyville, scored 80 points, and No. 653, crimson, of Baur & Smith, Indianapolis, scored 79 points.

The judges recommended a certificate of merit to the Pittsburg Rose & Carnation Co. for a handsome exhibit of ten vases of well grown standard varieties not for competition.

Honorable mention was awarded to J. A. Peterson for a table of excellent plants of his new begonia, Gloire de Cincinnati.

Honorable mention was awarded the Lamborn Floral Co., Alliance, O., for a display of carnations not for competition, which included a good white seedling, No. 107, and several other seedlings in their first year.

Special mention was made of two handsome vases of Shasta and one of Rose-pink May, a sport, exhibited not for competition, by Baur & Smith.

Local Hospitalities.

Every moment not occupied by the affairs of the society was taken up by the hospitalities arranged by the Pittsburg Florists' Club, so that there was something doing every minute. The hospitalities never were more abundant.

Wednesday afternoon, while the judging was in progress, a large party was escorted to and through the widely advertised works of the H. J. Heinz pickle factory. The processes were explained, pictures of farms and branches shown and luncheon was served. It was an exceedingly enjoyable trip.

Wednesday evening, while the society was dispatching its routine business, the ladies to the number of about forty, including the Pittsburg ladies, were taken in taxicabs to the theater, followed by supper.

After the adjournment of the business session Wednesday evening, all the visiting men were invited to a smoker in the main dining-room of the Fort Pitt hotel. There was a big crowd, over 250, and a jolly good time—plenty of amusement to keep things lively to a late hour, with luncheon and other refreshment.

On Thursday evening a formal banquet was given the visitors in the Fort Pitt. There was an elaborate menu, after which many of the well-known visitors were called on to talk.

Friday all the visitors who remained were guests on a trip to the Bakerstown greenhouses of the Pittsburg Rose & Carnation Co., where luncheon was served. Many had visited the plant individually in the days preceding.

First Business Session.

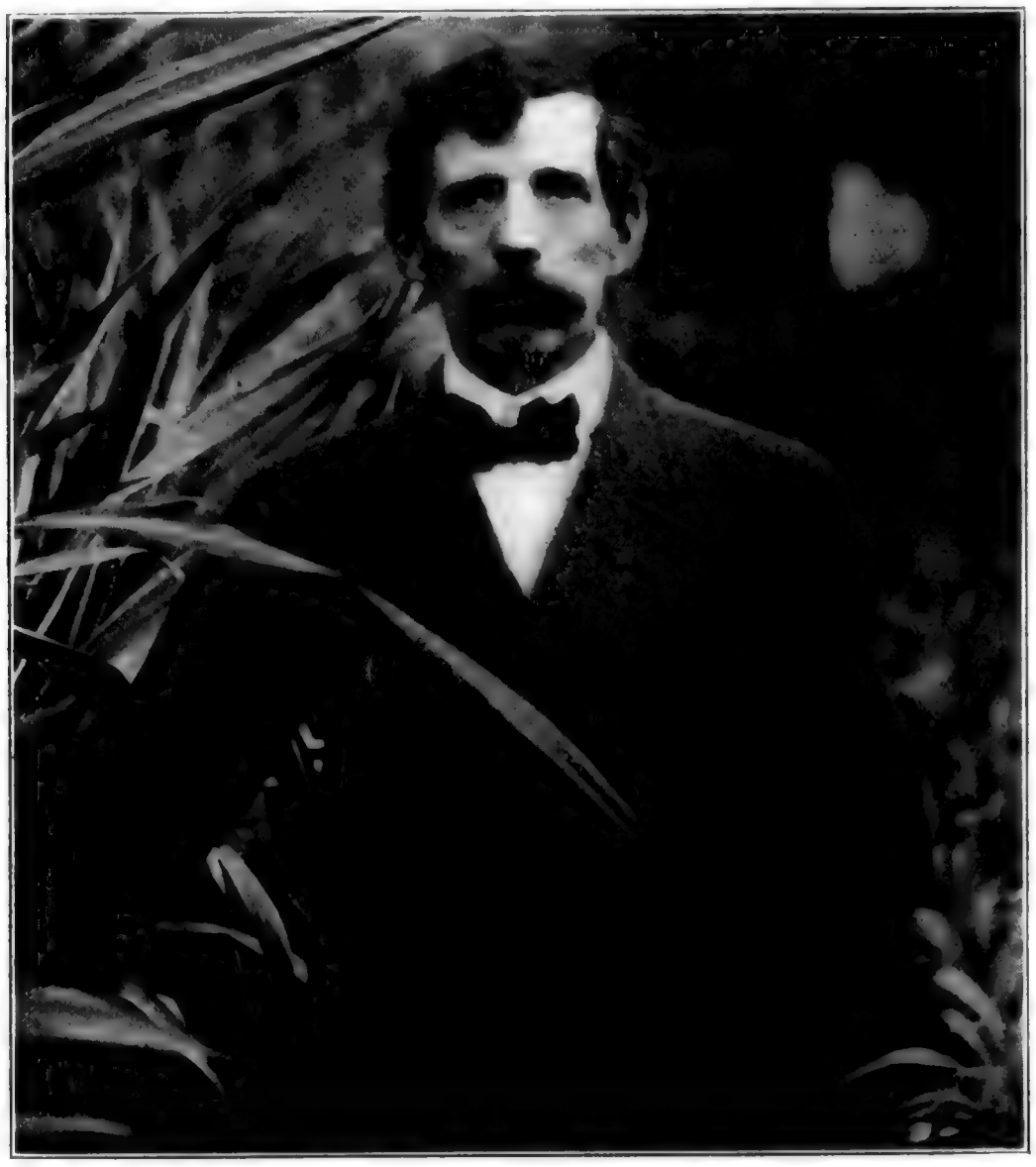
Vice-president Fred Burki called the society to order for its opening formalities Wednesday evening, introducing John A. Brashear to deliver an address of welcome. Mr. Brashear bears quite a resemblance to J. D. Carmody, both in appearance and in flow of language. He talked of the chemistry of light and color in flowers, bringing out some ideas quite new to those who know flowers best, and was warmly applauded at frequent intervals during his ten minutes' talk.

Mr. Burki said Robert Craig needed



Fred E. Dorner, Jr.

(Re-elected Treasurer American Carnation Society.)



P. S. Randolph, Vice-President Pittsburg Florists' Club.

no introduction to respond. That silver-tongued gentleman voiced the appreciation of the society for so interesting an address of welcome and said that visiting florists always feel at home in Pittsburg, where floriculture has many valued patrons. Mr. Craig made a great hit by presenting Mr. Brashear with a great armful of carnations which lay upon the table, for the invalid wife of whose love of flowers Mr. Brashear had spoken.

President Albert M. Herr took the chair at the conclusion of Mr. Craig's response and read his formal address, as follows:

President's Address.

Your president extends greeting and a welcome to our sessions; we hope to have them interesting enough to have you at each one of them.

This society was organized in Philadelphia and the first regular meeting was held in New York, but it always seemed to me that it took the second annual meeting, in this city, to get us thoroughly acquainted with each other, and Pittsburg will always be a bright spot in the memory of those of us who were fortunate enough to attend that meeting. Those of us who are here today will no doubt long remember the nineteenth annual meeting and our Pittsburg welcome.

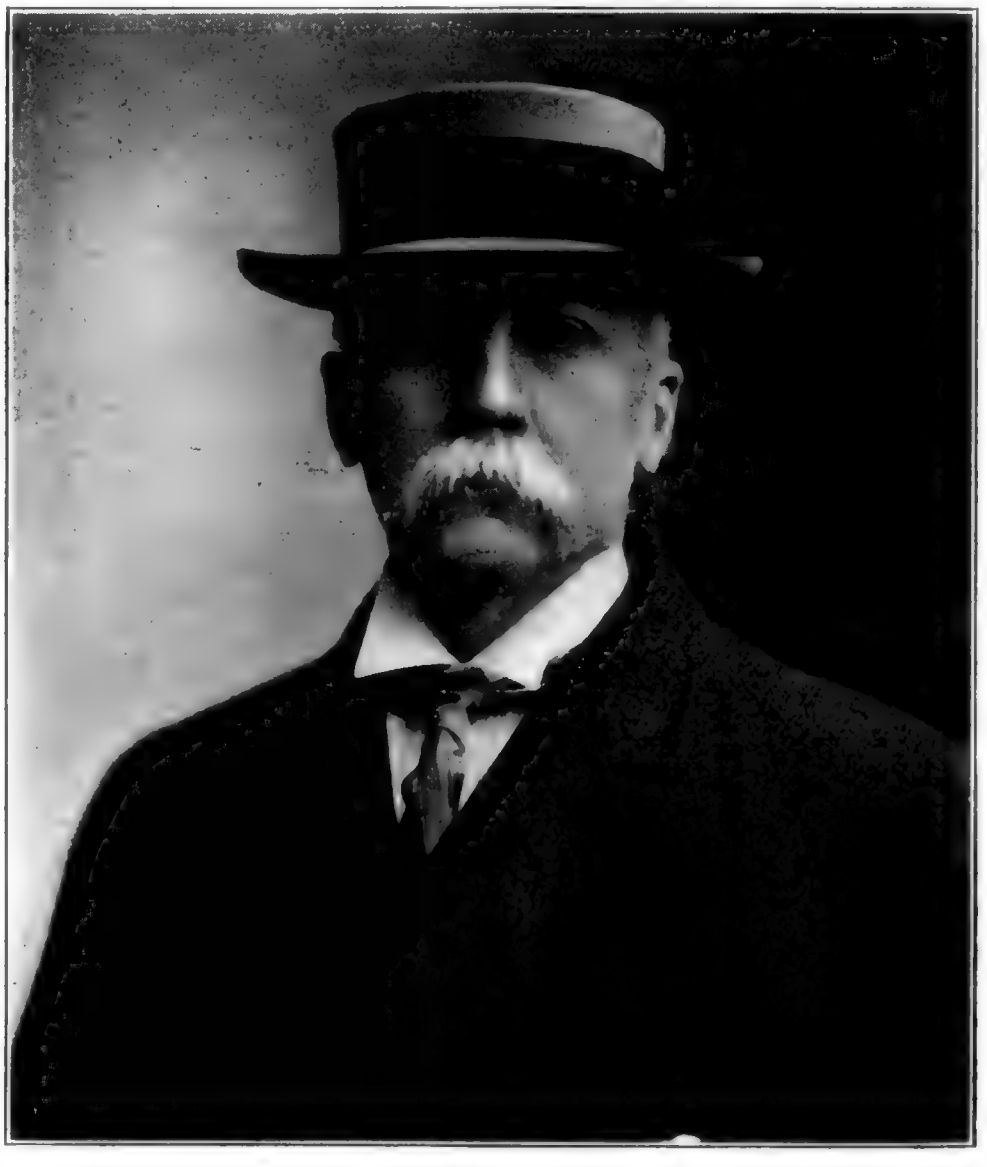
Getting acquainted is one of the chief benefits to be derived from these gatherings. I know of several instances where men have attended our meetings for the first time and gone home having met but two or three members. In one instance, on the train going home, a new member told me that the only person who spoke to him during the whole convention was the secretary. In cases of this kind the individual himself is largely to blame, but we should, during the few days we are together, be a more universal brotherhood and have at least a "howdy" for each and every visitor. I would suggest a permanent committee of introduction and information, to whom strangers can apply for assistance in getting acquainted.

Improvement of Business Methods.

Can we make our meetings more interesting and more profitable to ourselves and our flower than they now are? We have told and retold the story of production, the proper houses, etc.; there are, of course, new difficulties and advanced methods to discuss along these lines each year, but it seems to your president that we could and should devote at least one session to the improvement of our business methods. That they have improved no one can deny, but the improvement today over that of our meeting here seventeen years ago is little more than what has been forced upon us by the general upward trend of all business. Other industries do not wait to have improvement forced upon them; they are continually searching for it, grasping and utilizing it.

We should know how much money each square foot of ground surface in our houses should bring us to meet our expenses, labor, heating, operation, wear and tear on the place.

We should have a small but conspicuous tag attached to each bunch of flowers we send into market and let this tag follow them into the retail shop, so that in the course of time buyers would learn to ask for it and demand it as a guarantee of quality. This tag could be marked



H. P. Joslin, Secretary Pittsburg Florists' Club.



Chas. S. Crall, Chairman Reception Committee.

with the letters A. C. S., or some other special mark, and the whole be copyrighted and for use only by paid-up members of this society, and all infringements prosecuted. To this special mark could be added the grower's name and the date the flowers were cut, this to be left to the discretion of each user. Poorly grown flowers and over-aged flowers by this method would soon be left in the race. To succeed and properly advance our business, our flowers should give pleasure and satisfaction to the user, and this suggestion is offered as a means to that end.

Getting Together.

Can we improve our methods of selling carnations? Mr. Fox gave a talk in Philadelphia from the retailer's point of view, on prices for special days of demand. We all know of instances when the retail market price of carnations was from $1 to $1.50 per dozen and the wholesale price was $1 to $1.25 per hundred, less the fifteen per cent commission to the middleman. This proportion between the grower and the retailer is not a good business proportion, and if it were not for the advanced prices of special days the grower would be in a bad way. Adjustment will have to come some day and it should come through this society.

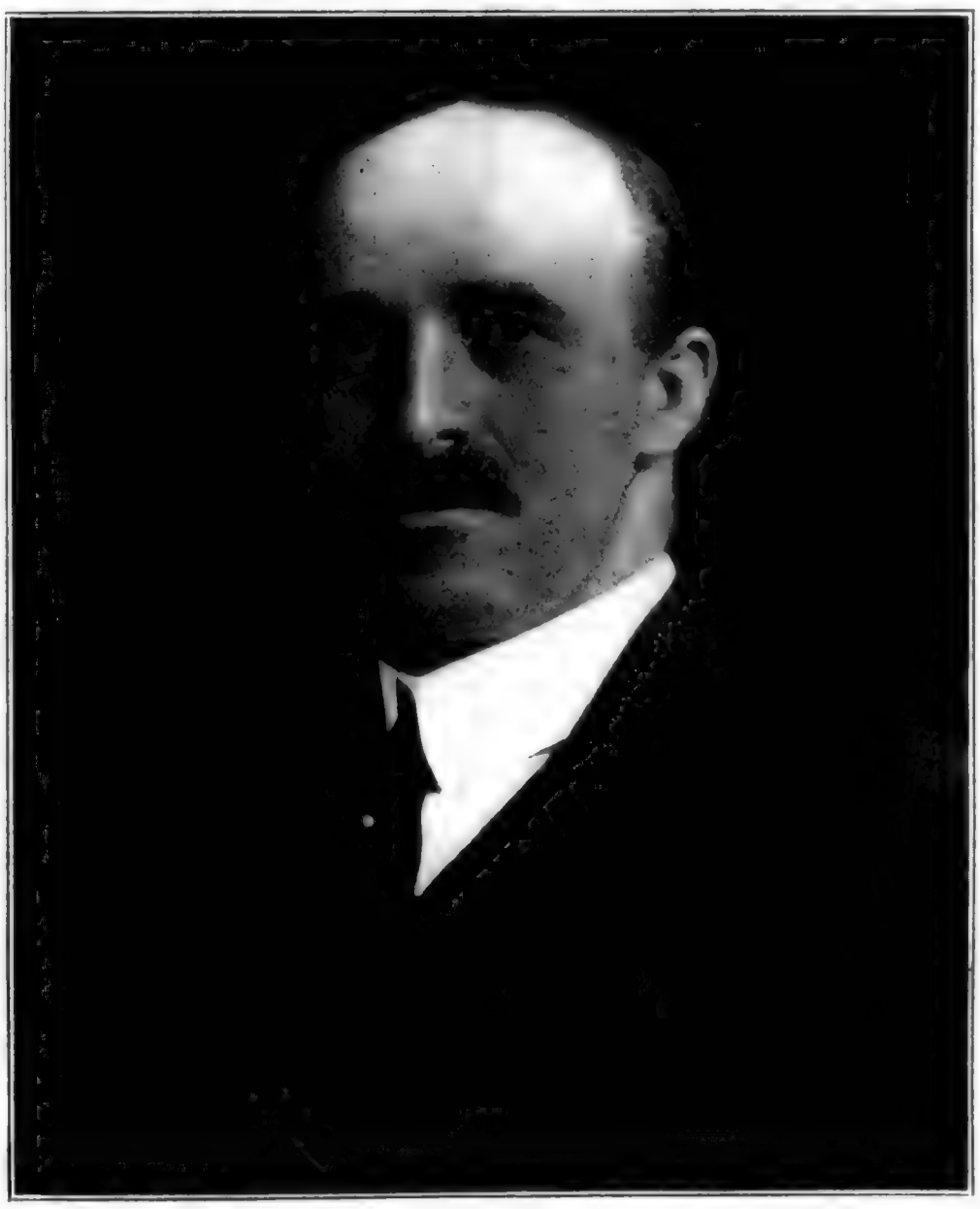
Is there overproduction of carnation blooms? I was told by a Pittsburg man that if roses had been plentiful for Christmas, carnations would have gone begging. All hail to the rose! But carnations have their devotees as well, and if given to them in proper shape and form I believe the day of overproduction is far in the future, providing the retailer, the grower and the middleman can get together and work toward a mutual end. Let us put on our thinking caps and see what we can do toward this. At our meeting in this city before, we had a paper by Thomas Cartledge, who stood at the head of the Philadelphia retail trade. He reviewed the various carnations then grown by name, giving his retail experience with each, as per this example: "Grace Wilder has been our leading pink, only because we could get it in quantity. Aurora has sold equally well when we could get it, although it sometimes shows a slaty, ashy purple tint when a little old." We want to grow "best sellers"; a review of this sort each season would help us find them out.

Making Membership a Necessity.

Our exhibitions will admit of some improvement as exhibitions to the public, but as an educator to the grower the lines on which we are working are as nearly right as we can hope to get them; as a guide to the buying of new sorts, each individual will have to work that out for himself, with the new flowers for comparison with older sorts in front of him.

There is one point I would like to see worked out and that is to have a report, from those who buy novelties the first year, sent in to the secretary December 1 of the following winter, giving their honest opinion of the variety from the buyer's point of view. Let the secretary publish these reports in pamphlet form and send them to applying members only. The buying of novelties is an experiment from a profit point of view, no matter how much we may try to eliminate it, but a pamphlet of this sort would be a great help to buyers of new sorts in their second year. If necessary, this pamphlet could also be copyrighted. You will note that I am trying to make membership in this society a necessity to all live carnation growers.

We need also a permanent committee of finance, to devise ways and means for



H. L. Blind, Treasurer Pittsburg Florists' Club



Thomas P. Jenkinson, Reception Committee.

the procuring of the funds necessary to the welfare of this society.

In closing, I want to compliment this society on its choice of a secretary; a better one would be hard to find; his work has been especially arduous for this first year, but it certainly has been faithfully performed. Our secretary should have at least $250 per year and the work would be cheaply done at that.

Let us all work toward getting this society to the position it should hold, and the prosperity of our society will bring prosperity to all its members.

At the conclusion of President Herr's remarks Secretary A. F. J. Baur presented his annual report, as follows:

Secretary's Report.

Your secretary begs leave to report on the last year's work as follows:

The former secretary, who is now our worthy president, turned over the secretary's office to me in good condition, April 1 of last year. He had gotten out the annual report and finished all the work connected with the last convention. Hence my report will not cover the whole year.

Our membership roll now contains 394 names. Of these, fifty-five came in during the year 1909. Against these we have twenty-seven who are delinquent for 1908 and 1909 and will be dropped from the roll, except those who may pay up at this meeting. We also have about fifty who owe for 1909, but no doubt many of these will pay up here.

During the last year four of our members have been called away from this life. They are: Geo. M. Kellogg, of Pleasant Hill, Mo.; Herbert Heller, of New Castle, Ind.; Wm. K. Harris, of Philadelphia, Pa., and E. Sutermeister, of Readville, Mass. No official notice was received by your secretary of any of these deaths.

The board of directors, at their meeting in Cincinnati, O., last August, ordered the secretary to procure more vases, and to have cases made for storing and shipping the vases from place to place. These have been secured, and it is hoped that our vases will be better preserved than could be done heretofore.

We have also had holders made for securing the name cards and entry cards to the vases. You will notice that these are so made as to permit the cards to be printed and read from both sides. It will be unnecessary for anyone to handle the cards to read the name of the variety or the exhibitor. There will be less likelihood of confusion from getting the cards mixed in moving vases around.

The premium list was gotten out early in December, as is customary. We were this year favored with a splendid lot of advertising, amounting to $285. This will pay for all the printing and stationery connected with this convention and leave a balance of some $150 to go into our treasury.

The greatest change in the list is the addition of the new section, called Section C, for the previous season's novelties. It took considerable correspondence to get this section started, but after it became clear to the disseminators they responded liberally, and all except two have entered their varieties in this section. We hope that this arrangement will be a permanent one, and that in the future it will become customary for disseminators to list their varieties in this section, without having to be coaxed.

We have also divided the list into sections, designated by letters of the alphabet, and numbered the classes in figures.

In the judges' book we have adopted a system under which every entry has a different number, and it is impossible to recognize the owner of an exhibit by the number on another exhibit. In order to help make this system work smoothly, I will ask this meeting to adopt some rule to limit the time for making entries in the competitive classes.

The rule printed in the list, requiring the payment of $1 for each entry made after a certain date, does not seem to



B. L. Elliott, Reception Committee.

answer the purpose fully. It has never been enforced strictly, and unless a rule can be enforced strictly it cannot be made fair to everybody. We would suggest that one week before the convention opens, all entries for competitive classes must be in the hands of the secretary. That will give him time to get everything into good shape before he leaves home, and the greatest cause of errors will be eliminated. The secretary should not be burdened at the convention with work which can just as well be done a week before he leaves home.

In conclusion I wish to thank the members for the interest shown by their ready responses to letters from the secretary. I also wish to thank the vice-president and his local committees for the able manner in which they have handled the local preparations, and most of all my predecessor, for his kindly advice and guidance during the past three-quarters of a year.

Treasurer's Report.

Treasurer F. E. Dorner reported on the society's finances for the year, summarized as follows:

Expenditures.

Paid by orders on treasury	$826.48
Jan. 24, 1910, cash on hand	283.68
Total	$1,110.16

Receipts.

Balance cash on hand, Jan. 25, 1909	$227.58
Cash from secretary	759.30
Cash, interest from permanent fund	123.28
Total	$1,110.16

Permanent Fund.

Reported Jan. 25, 1909	$2,375.31
One life membership	50.00
Total	$2,425.31

Nominations.

An invitation to hold the next meeting in Milwaukee was presented in writing, from the Milwaukee Florists' Club, also from Mayor Rose of that city and from the Milwaukee Business League.

F. R. Pierson brought up the matter of holding the 1911 meeting at Boston about March 20, in connection with the Second National Flower Show. Mr. Coles asked if Boston extended an invitation. Mr. Pierson said he spoke as chairman of the National Flower Show, a broader proposition than any local matter. W. N. Rudd spoke for the Boston proposition, where about $500 is to be offered as premiums for carnations. J. A. Valentine and Robert Craig also urged the consolidation with the National Flower Show next year.

Nominations of officers being in order, H. B. Howard nominated Fred Burki for president, seconded by W. W. Coles.

F. R. Pierson nominated for vice-president S. J. Goddard, of Framingham, Mass., and Nic Zweifel, of Milwaukee, but President Herr ruled that this be passed till after the place of meeting be determined by ballot.

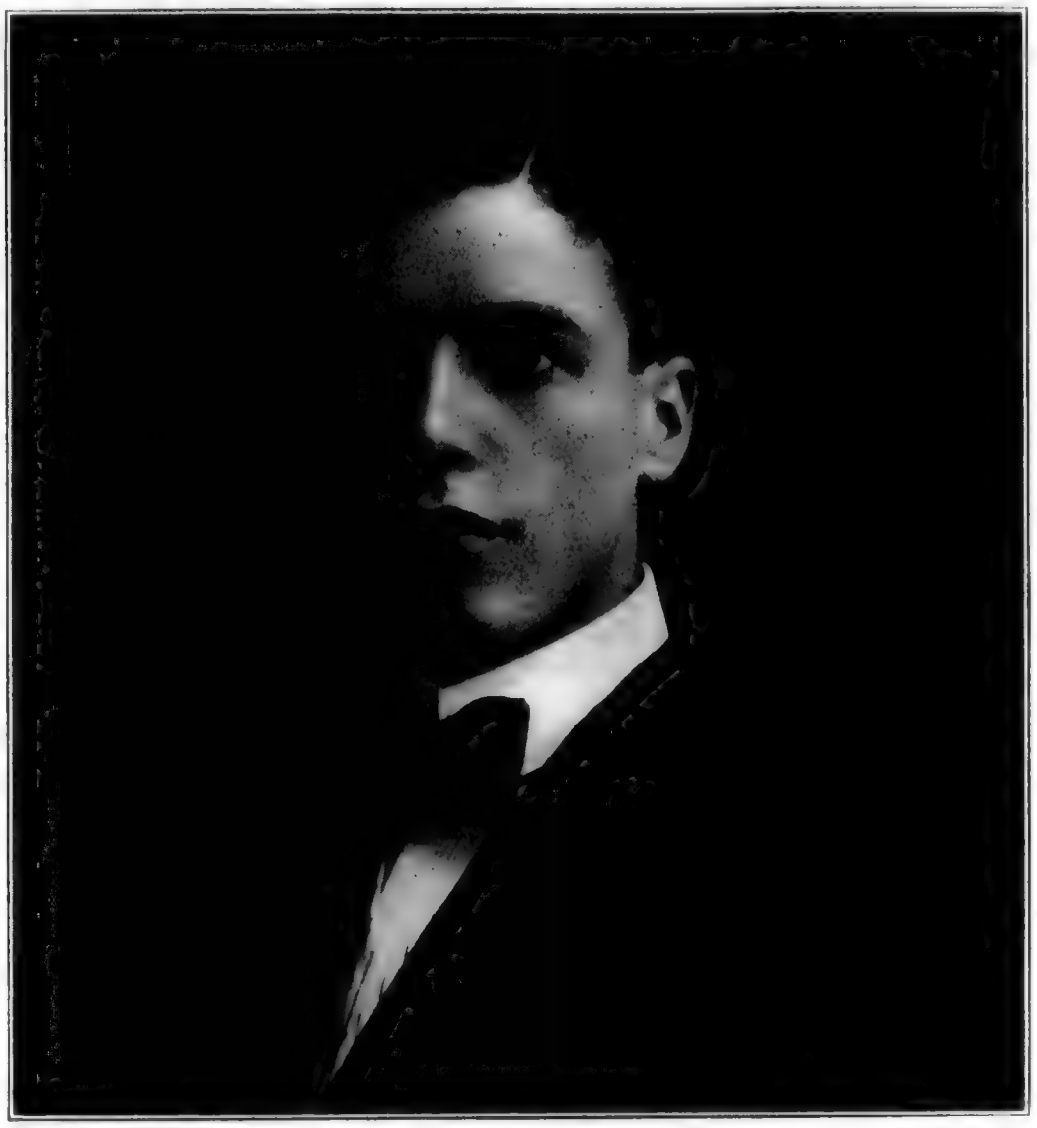
W. J. Vesey nominated A. F. J. Baur to succeed himself as secretary, seconded by F. R. Pierson.

W. W. Coles nominated F. E. Dorner to succeed himself as treasurer.

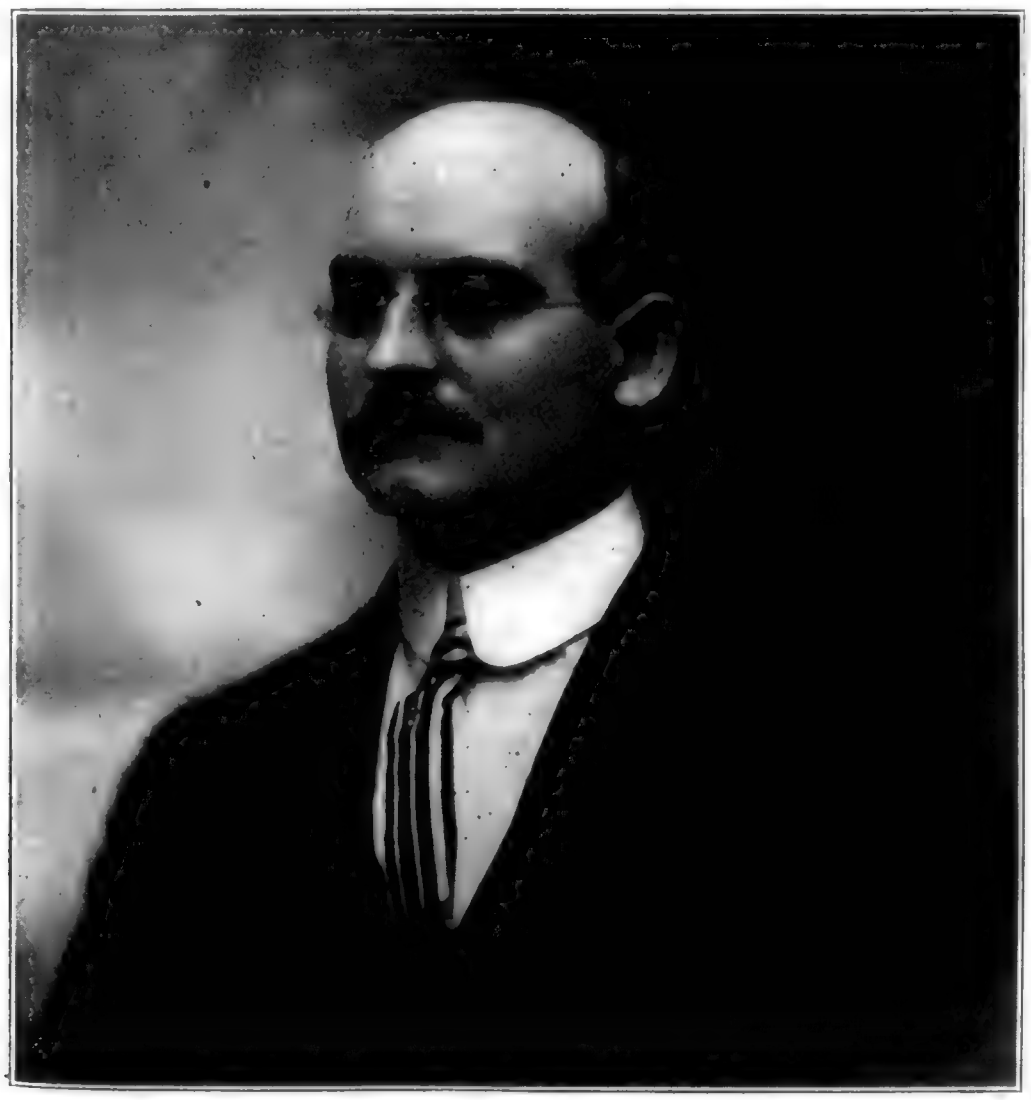
F. R. Pierson was nominated to succeed Wm. Weber as director.

W. N. Rudd spoke of the importance and arduous character of the work of the judges and moved that the number of judges elected be increased from three to six. The motion prevailed. Mr. Rudd's term expired and four were thus to be elected. Nominations were made as follows: W. W. Coles, W. J. Vesey, J. A. Valentine, Jos. H. Hill, E. A. Stroud, Eugene Dailledouze, W. N. Rudd, F. H. Traendly. Mr. Valentine was permitted to withdraw, but Messrs. Vesey, Rudd and Dailledouze were not allowed to decline.

The awards of the judges were read by Secretary Baur. They appear in full on another page of this issue.



DeForest W. Ludwig, Reception Committee.



August Frishkorn, Reception Committee.



A. W. Smith, Jr., Manager of Exhibition.

W. T. Bell, of Franklin, Pa., presented a paper, "The Carnation; its Uses, Varieties and Culture," which appears in full elsewhere in this issue.

S. A. F. Directors Meet.

A special meeting of the board of directors of the S. A. F. was held at Pittsburg January 26, to take the necessary action for the investment of the permanent fund of the society, which has now reached the respectable sum of approximately $7,500. Certain guaranteed first mortgages are available and a committee consisting of J. A. Valentine and Geo. Asmus was appointed to pass upon the adequacy of the security and consummate the investment.

Jottings.

H. B. Beatty, treasurer of the S. A. F., and Mrs. Beatty, were on hand to welcome their friends.

John Reimels, of Woodhaven, L. I., was taken ill Wednesday afternoon and was removed to a hospital.

Mr. Breitenstein, the Pittsburg retailer, put up an exhibit showing how carnations are or can be used in table work.

National Flower Show.

F. N. Pierson, chairman of the National Flower Show committee of the S. A. F., has stated informally that the guarantee fund for the show to be held in Boston in March, 1911, now has reached $9,925, subscribed by representative firms in the trade, and that the preliminary premium list is about ready for publication. It carries approximately $10,000, in addition to which it is expected a large number of special premiums will be offered.

Thursday Morning Session.

At the opening William Nicholson, F. Burki and R. Witterstaetter, the committee on president's address, made the following recommendations: That a committee of introduction be appointed for each meeting, to greet visiting members of the trade and make them known to the officers and members of the society; that an official membership button be adopted; that every member be appointed a committee of one to increase the membership; that the secretary's salary be increased to $200 per year.

The recommendations were adopted, except that, on motion of John Birnie, the secretary's salary was made $250.

The committee recommended that in future all entries for the exhibition be required to be mailed ten days before the meeting. This brought out a long discussion as to the working details of the show, terminated by the adoption of a motion by W. A. Manda to accept entries on the day of staging, but only on the payment of a penalty of $2 for each late entry.

For the committee on nomenclature, the secretary reported on the registration of new varieties, all of which have been published in the Review, and stated that work is in progress on a complete list of all varieties ever introduced. The judges made a supplementary report, scoring seedling Prince Charming, exhibited by Henry Eichholz, eighty-five points for a preliminary certificate, and making honorable mention of his variety Washington.

The program was changed somewhat, in order to bring up the discussion of joint exhibitions with the Rose Society in advance of the selection of the next meeting place. C. L. Washburn spoke for joint exhibitions, as follows:

Argues for Joint Meetings.

"The question of the advisability of holding a joint convention of the American Carnation Society and the American Rose Society is best considered from a business standpoint. There are now held, the Carnation Society meeting, the Rose Society meeting, the S. A. F. meeting, the various Chrysanthemum So-



E. C. Reineman, Chairman Executive Committee.

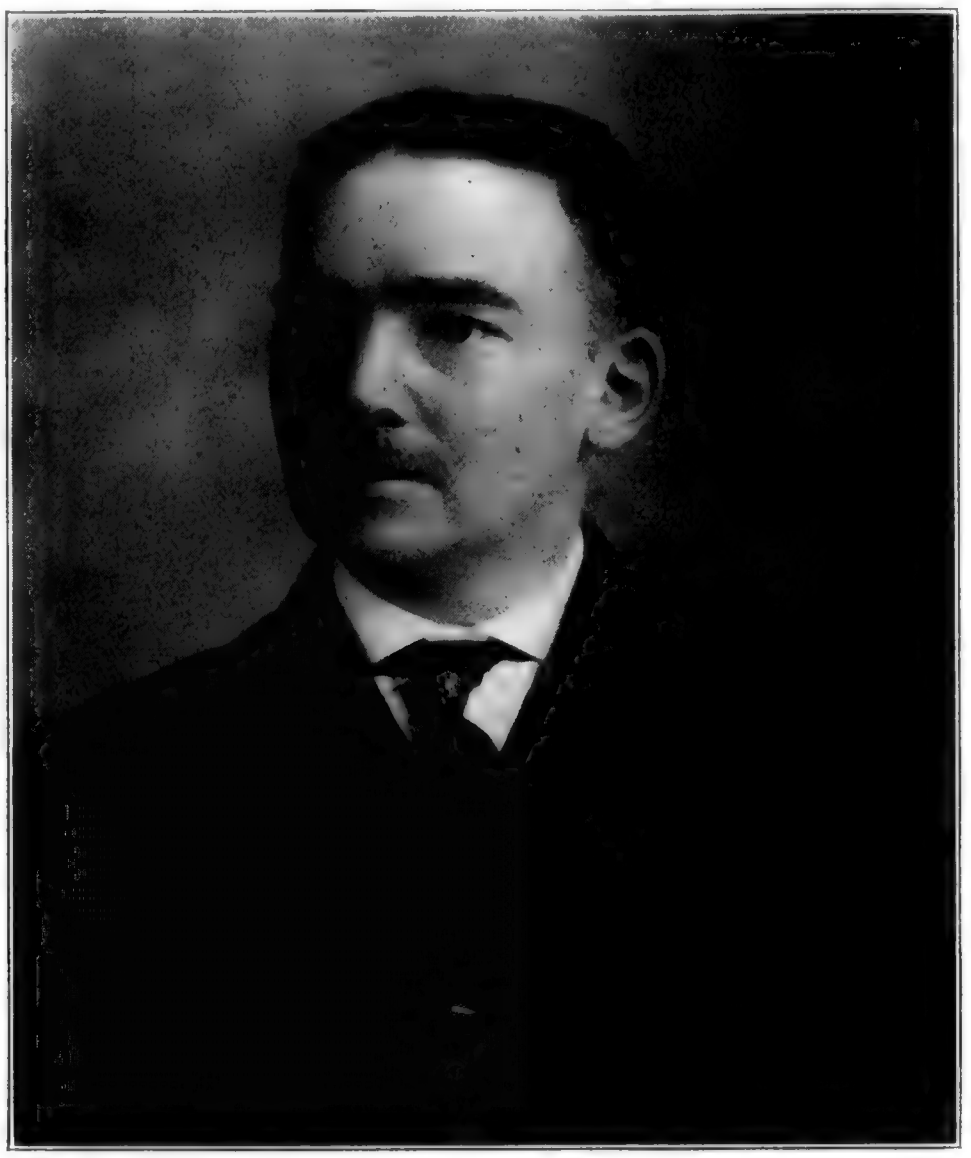
ciety shows and the various club shows. The aim of these conventions is to do the most good to the greatest number of people in the trade, but by holding so many meetings we are dividing our energies into too many channels, which causes less attention by the trade to each meeting than would be the case if some of these meetings were combined in one. All are good, no doubt, but what is needed is a little more united work.

"The importance of a convention of the combined societies would be such that the growers could not afford to overlook it. Men who in the past have felt that the time taken up in attending so many minor meetings could not well be spared, would be glad to attend this one larger meeting. To those whose business necessitates their attendance at both meetings, the matter of reduced expenses would be an important item. Also, the general reduction of expenses to each society by having the two share the expenses would be quite an item, while the same amount of business would be accomplished.

Aims Are Similar.

"The carnation and rose men have similar objects in view when holding their meetings and we certainly need a larger attendance at these conventions. This can only be obtained by increasing the membership of both societies. In order to increase this membership it is necessary to increase the knowledge regarding our business and products to be obtained by attending these meetings.

"We are in the business as a money-making proposition and any knowledge which increases the earning capacity of our houses increases our profits. The advancement in new varieties, better methods of growing and better means of handling the flowers are all questions being constantly brought up at these conventions, so that a wider scope of investigation and a wider discussion of these questions would be obtained by a joint convention; also thus producing more interest and increasing the good results to be obtained by the members of both societies attending a joint convention.



W. A. Clarke, Exhibition Committee.



John Bader, Exhibition Committee.

"There is such a broad field in this matter of new varieties of plants, new methods of construction and new everything almost pertaining to our business that a joint convention would stimulate a larger exhibition of these new things. No one will question the added importance of an investigation and certificate when backed by the united action of both societies.

A Splendid Exhibition Insured.

"The exhibition of flowers would, of course, be larger in a joint meeting and would be a greater matter of interest to the general public. This is a very important point, as the general public are the flower buyers and it is for them our product is produced. The holding of a convention is a very serious expense and inconvenience to those florists located in the city where the convention is held and a joint meeting would reduce this to one city instead of two.

"The field for united work, it can be seen, is so similar for both associations, and the time for the exhibition of the flowers is best suited for roses as well as for carnations, so that a joint convention would be very desirable for both societies."



T. P. Langhans, Entertainment Committee.

The Only Objection.

Eugene Dailledouze was on the program to argue for a separate carnation meeting, as at present. He said he thoroughly agreed with all Mr. Washburn had said and that the only objection to joining with the Rose Society lies in the fact that March is the month for roses, while late January or early February is the time for the carnation men.

Joseph Hill then presented his paper, "The Calendar of the Carnation." It was one of the most interesting the society has listened to in some time, and is printed in full elsewhere in this issue.

Boston Next.

When the selection of the next place of meeting was reached, there was a lively fight between those who wanted the society to join with the National Flower Show at Boston in March of 1911 and those who felt that the best interests of the Carnation Society would be served by a separate exhibition, as usual, at Milwaukee in January. F. R. Pierson, W. A. Manda, M. A. Patten, C. L. Washburn and others spoke for Boston, while Nic Zweifel and F. Burki championed the separate meeting. W. P. Craig, H. B. Dorner and J. A. Peterson were appointed tellers. The vote stood: Boston, fifty-seven; Milwaukee, twenty-five.

Previous nominations for vice-president having been declared out of order, William Nicholson nominated E. Allan Peirce, of Waltham, Mass.

Closing Session.

The judges reported awarding a preliminary certificate to Woodenethe, a large white exhibited by F. E. Whitney, Fishkill, N. Y., which scored ninety points.

F. Burki read a paper on "Summer Culture of Carnations Under Glass." R. T. Brown, of the Cottage Gardens, described their system of growing the plants in frames in summer. Mr. Harvey, of Brandywine Summit, said that, after several years' trial, they will go back to field culture, in preference to the indoor method. W. H. Breitenstein's paper was received and ordered printed.

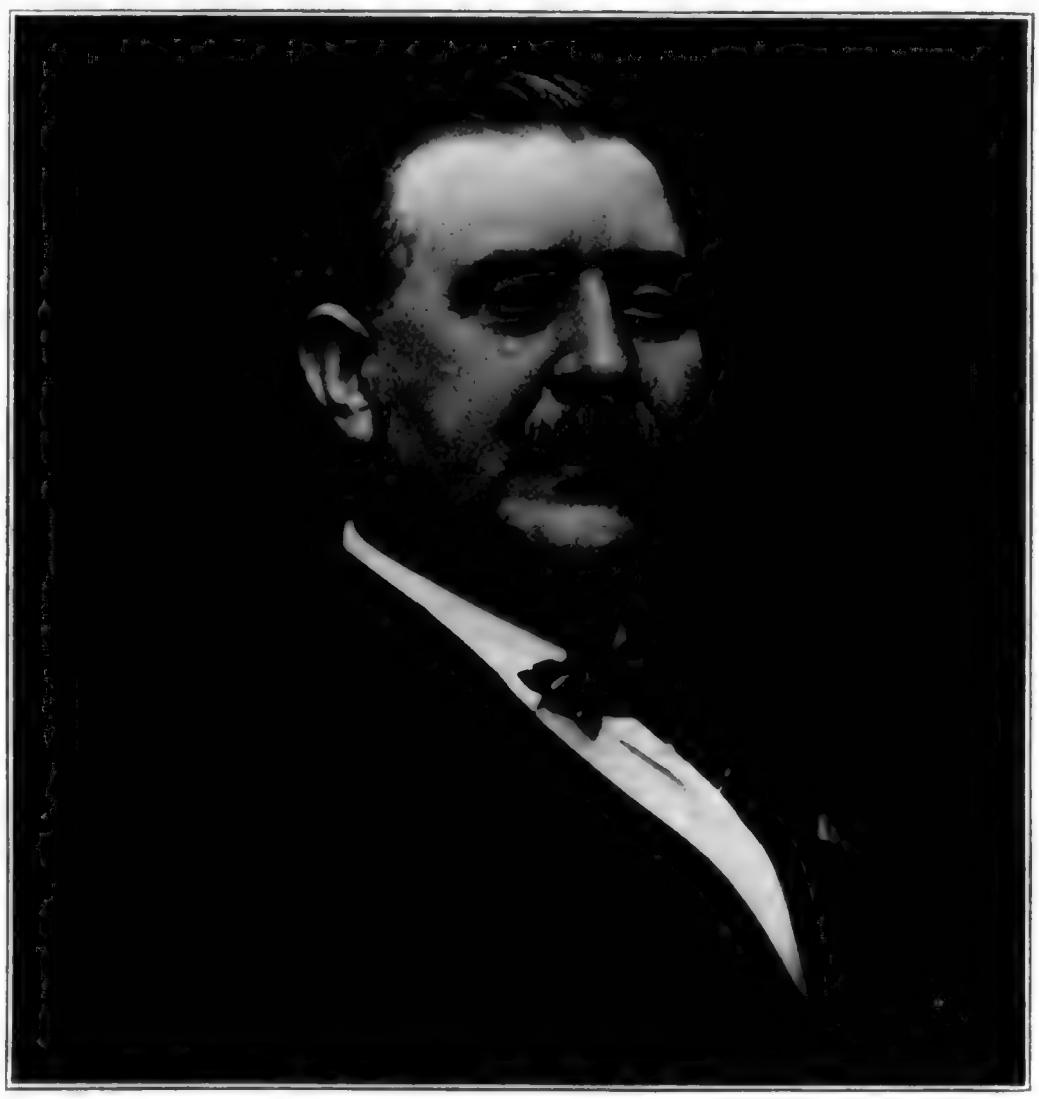
The president appointed as the new introduction committee, Joseph Hill, R. Witterstaetter, F. Burki, Eugene Dailledouze, M. A. Patten, W. N. Dunlap, J. A. Valentine, S. S. Skidelsky and F. R. Pierson. He appointed W. P. Craig, M. A. Patten and H. B. Dorner a committee on final resolutions.

Election of Officers.

Officers were elected as follows: President, Fred Burki, Gibsonia, Pa.; vice-president, E. Allan Peirce, Waltham, Mass.; secretary, A. F. J. Baur, Indianapolis, Ind.; treasurer, Fred E. Dorner, Lafayette, Ind.; director, F. R. Pierson, Tarrytown, N. Y.; judges, Eugene Dailledouze, W. N. Rudd, J. H. Hill and E. A. Stroud.

The Banquet.

At the banquet in Fort Pitt hotel, Thursday evening, the set program of talks was as follows: "The Carnation Society," by Albert M. Herr; "The S. A. F.," by J. A. Valentine; "Our Boys," by P. S. Randolph; "The Pittsburg Club," by E. C. Reineman; "The National Flower Show," by F. R. Pierson; "The Carnation," by W. F. Kasting; "The Trade Press," by H. B. Howard; "The Pittsburg Press," by Mr. Burgoyne; "Our Ladies," by W. J. Vesey; "Our Ambitions," by F. E. Dorner; "The Old Boys," by Robert Craig; "The Advantage of Science



J. W. Ludwig, Decoration Committee.

Coupled With Practice,'' by L. B. Judson; ''Canada,'' by J. A. Brashear; ''Our Visitors,'' by T. P. Lang.

Retail Delivery Association.

There was a meeting of retail florists at Pittsburg, January 27, at which the Retail Florists' Delivery Association was organized by the adoption of by-laws and the election of officers, as follows: President, J. A. Valentine, Denver; vice-president, W. J. Palmer, Buffalo; secretary, H. B. Dorner, Urbana, Ill.; treasurer, W. L. Rock, Kansas City; directors, John Bertermann, Indianapolis; Philip Breitmeyer, Detroit; A. B. Cartledge, Philadelphia; E. Wienhoeber, Chicago; W. L. Rock, Kansas City, and William F. Gude, Washington.

The by-laws provide for putting into operation the plan worked out by J. A. Valentine along the lines proposed at the Chicago meeting, and published in full in the REVIEW last November.

Visitors.

All the members of the trade in Pittsburg were on hand early and late and were indefatigable in their efforts to make pleasant the stay of the visitors. Among those present from outside of Pittsburg were:

Adrian, Gus, Toledo, O.
Asmus, George, Chicago, Ill.
Bahr, Fritz, and wife, Highland Park, Ill.
Balsley, Harry, Detroit, Mich.
Bannister, F. W., Syracuse, N. Y.
Barker, M., Chicago, Ill.
Bartholomew, G. W., and wife, Dayton, O.
Baur, A. F. J., Indianapolis, Ind.
Bayer, George, Toledo, O.
Beckman, C., Elmhurst, N. Y.
Bell, John, Franklin, Pa.
Bell, W. T., Franklin, Pa.
Berno, Ed, Mansfield, O.
Bertermann, John, Indianapolis, Ind.
Beuerlein, Peter, New York, N. Y.
Birnie, John, West Hoboken, N. J.
Bowditch, James H., Boston, Mass.
Brown, A. C., Springfield, Ill.
Brown, R. T., Queens, N. Y.
Bunyard, Harry, New York, N. Y.
Cockcroft, J. D., Northport, N. Y.
Coles, W. W., Kokomo, Ind.
Coles, Mrs. W. W., Kokomo, Ind.
Connor, D. T., Philadelphia, Pa.
Cowgill, V. A., Salem, O.
Craig, Robert, Philadelphia, Pa.
Craig, William P., Philadelphia, Pa.
Critchell, C. E., Cincinnati, O.
Cropp, Carl, Western Springs, Ill.
Dailledouze, Eugene, Flatbush, N. Y.
Dailledouze, Mrs. Eugene, Flatbush, N. Y.
De Forest, T. B., New York, N. Y.
Dorner, F. E., Lafayette, Ind.
Dorner, H. B., Urbana, Ill.
Dudley, C. P., and wife, Parkersburg, W. Va.
Eichholz, Henry, Waynesboro, Pa.
Elverson, W. H., New Brighton, Pa.
Enggren, E. L., and wife, Aqueduct, N. Y.
Espy, J. M., Brookville, Ind.
Evans, John, Richmond, Ind.
Ferry, Charles E., New York, N. Y.
Fotheringham, J. R., Tarrytown, N. Y.
Gause, George R., Richmond, Ind.
Girvin, W. B., Leola, Pa.
Glauber, Emil, Montclair, Colo.
Goudy, J. J., Riverton, N. J.
Grassl, O. A., Barneveld, N. Y.
Greensmith, Herbert, Cincinnati, O.
Hagenburger, Carl, and wife, West Mentor, O.
Hammond, Benjamin, Fishkill-on-Hudson, N. Y.
Hart, H. A., Cleveland, O.
Harvey, Edwin, Brandywine, Summit, Pa.
Hayes, R. B., Shelby, O.
Heacock, Joseph, Wyncote, Pa.
Hellenthal, J. J., Columbus, O.
Hennon, Charles D., Wampum, Pa.
Herr, Albert M., and wife, Lancaster, Pa.
Hill, Joseph H., Richmond, Ind.
Horn, J. F., Allentown, Pa.
Hostetter, E. P., and wife, Manheim, Pa.
Howard, H. B., Chicago, Ill.
Hulse, H. H., New York, N. Y.
Hunkel, H. V., Milwaukee, Wis.
Jack, George W., Springfield, Ill.
Jamieson, Robert, Wyncote, Pa.
Johnson, C. W., Morgan Park, Ill.
Jones, Alva, Philadelphia, Pa.
Jones, John, Richmond, Ind.
Judson, L. B., Ithaca, N. Y.
Kasting, W. F., and wife, Buffalo, N. Y.
Kleinheinz, W., Ogontz, Pa.
Knopf, Charles, Richmond, Ind.
Knopf, Louis A., Richmond, Ind.
Kroninger, E. N., Allentown, Pa.
Krueger, H. J., Meadville, Pa.
Krut, A., Butler, Pa.
Lamborn, L. L., Alliance, O.
Lamprecht, A. C., Ashland, O.
Lautenschlager, Fred, Chicago, Ill.
Lorch, A. T., De Haven, Pa.
Manda, W. A., South Orange, N. J.
Matheron, M., Queens, N. Y.
Meehan, C. E., Philadelphia, Pa.
Miller, A., Chicago, Ill.
Millspaugh, G. D., Detroit, Mich.
Murchie, E. J., Sharon, Pa.
Murchie, John, Sharon, Pa.
Murphy, Ray, Cincinnati, O.
Murphy, William, Cincinnati, O.
Myers, B., Lancaster, N. Y.



W. Q. Potter, Exhibition Committee.

Nicholson, H. H., Barneveld, N. Y.
Nicholson, William, Framingham, Mass.
Olsem, Peter, Joliet, Ill.
O'Mara, Patrick, New York, N. Y.
Palmer, J. H., Kennett Square, Pa.
Palmer, J. M., Kennett Square, Pa.
Palmer, W. J., and wife, Buffalo, N. Y.
Patten, M. A., Tewksbury, Mass.
Peirce, E. A., Waltham, Mass.
Penn, Henry, Boston, Mass.
Pepper, J. H., New York, N. Y.
Pera, W. E., Hillegom, Holland.
Peterson, J. A., and wife, Cincinnati, O.
Pierson, F. R., Tarrytown, N. Y.
Poehlmann, August, Morton Grove, Ill.
Pyfer, A. T., Joliet, Ill.
Reimels, John, Woodhaven, N. Y.
Reuter, L. J., Westerly, R. I.
Rock, W. L., Kansas City, Mo.
Rohrer, H., Lancaster, Pa.
Rosnosky, I., Philadelphia, Pa.
Rowlands, W. A., and wife, Utica, N. Y.
Rudd, W. N., Morgan Park, Ill.
Schmidt, C. A., Cleveland, O.
Scholtz, W. W., Charlotte, N. C.
Schroeder, William, Williamsbridge, N. Y.
Sim, William, Cliftondale, Mass.
Skidelsky, S. S., Philadelphia, Pa.
Snape, H. E., Tarrytown, N. Y.
Spanabel, J. N., East Palestine, O.
Stroud, E. A., Strafford, Pa.
Stuart, J. S., Anderson, Ind.
Swayne, L. B., Kennett Square, Pa.
Swayne, William, Kennett Square, Pa.
Taylor, E. J., and wife, Greens Farms, Conn.
Thomas Walter, Stony Brook, N. Y.
Traendly, F. H., New York, N. Y.
Treichler, C. F., Sanborn, N. Y.
Valentine, J. A., Denver, Colo.
Vesey, Mrs. W. J., Fort Wayne, Ind.
Vesey, W. J., Fort Wayne, Ind.
Vick, F. H., Rochester, N. Y.
Wagoner, A. J., Columbia City, Ind.
Walker, John, Youngstown, O.
Washburn, C. L., Chicago, Ill.
Weber, William, Oakland, Md.
Weir, James, Brooklyn, N. Y.
White, C., Gasport, N. Y.
Wilson, R. G., Brooklyn, N. Y.
Winter, H. F., Charleston, W. Va.
Winterson, E. F., and wife, Chicago, Ill
Witmaier, W. T., Columbus, O.
Witterstaetter, R., Cincinnati, O.
Wyland, J. L., De Haven, Pa.
Zweifel, Nic, North Milwaukee, Wis.



E. C. Ludwig, Finance Committee.

SUMMER CULTURE INDOORS.

[A paper by Fred Burki, of Gibsonia, Pa., read before the American Carnation Society at the Pittsburg convention, January 26 and 27, 1910.]

When I consented to read a paper on my experience in growing carnations under glass, I meant carnations planted under glass in summer instead of in the field, as it is still an open question with most of us which method is the better, and, with your permission, I will confine my notes to this subject.

In the early nineties I set out some plants under glass in the spring, with the object of getting salable flowers in the early fall, as at that time we did not

house carnations as early from the field as we do of late years. The variety was Mrs. Fisher, which I at that time grew as my principal white and with which variety I had for some years great success, but only in solid beds; it did not do well for me on raised benches.

Good Flowers When Most Wanted.

I found that stock out of 3-inch pots, planted under glass in spring, gave me good flowers when such were scarce, say, in September, October and November, and bloomed through the season as well as did those planted from the field. They did not make as much surplus grass, but grew more slender, with equally good flowers and longer stems than the field-grown plants produced, and they could be planted closer.

The soil I used at that time was taken from an ordinary piece of garden ground, as I could not procure sod, being located in one of the city suburbs. This piece of ground was manured heavily in the spring with cow manure, plowed in and kept plowed through the summer. Sometimes we manured it a second time and pulverized it with the harrow before taking it into the houses.

Another variety I grew with great success at that time was Hector, a scarlet, which did better with me than any other red at that time and for some years after. The only fault it had was weak stems; I had to give it up when the trade insisted on stiff stems. Hector grew very tall under glass in summer, but bloomed much better that way than when planted from the field.

Building Glass Over the Plants.

I simply could not make Hector pay when planted from the field, but it did its best when I planted it in beds prepared in spring, cultivated it the same as if under glass, and built a greenhouse over it before fall. I am of the opinion that this way of growing carnations, on beds with no glass over them until fall, would be an ideal way if it were practical, but I find it impossible now where we are located and with the kind of houses we build now.

Some years ago Uncle John Wyland said to me one day about the beginning of June, "I am going to take the glass out of my carnation house, clean it out and plant the young stock in it in place of into the field." I said to him, "You are going to have a big job on hand." About the end of June I met him again, and he said to me, "You cannot believe how quickly we got that glass out and put away; it took us about two days." I said to him, "Well, you will find it a bigger job putting it in again in the fall, and you have now no carnations to sell when I can get good money for them—$2 per hundred." He never did it again, although the carnations were a success.

The Lawson Varieties.

Of late years we aim to plant the Lawson varieties under glass instead of in the field, and in this way we get earlier flowers and longer stems than we can from the field-grown plants. Unless we can house these varieties from the field by the first week in July, they hardly give us a first crop before the holidays, and then the stems are short and the flowers not up to the mark. We propagate them during December and January and get them into 4-inch pots by May. I find, though, that unless planted under glass not later than the first week in June, field-grown plants planted near the end of June or in the first part of July are more satisfactory, as the plants in pots are liable to suffer during June from one cause or another.

But the difficulty in this is, when carnations have a good sale during June, as they do some years, and your plants are in crop, to make up your mind to throw them out and make room for young stock.

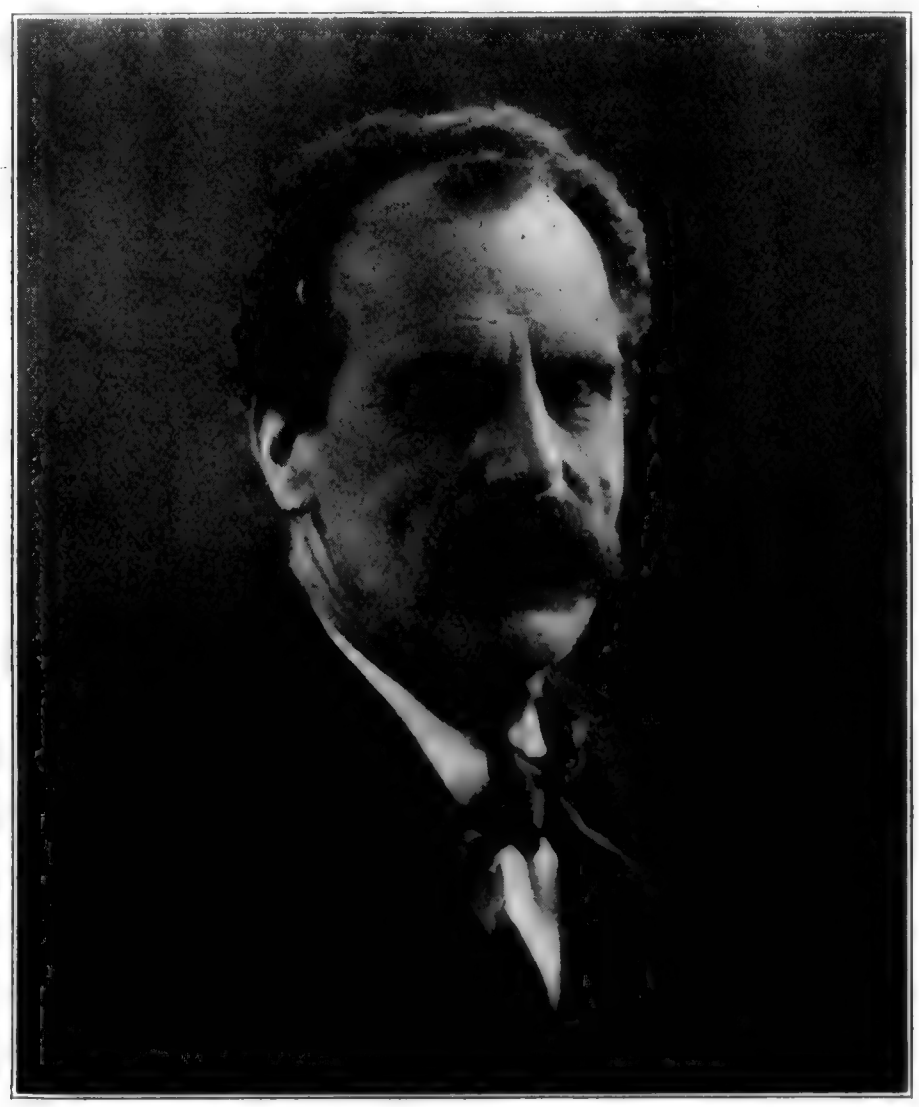
The spaces we are able to plant in May are the beds we had in mums the previous fall. Following these we take out a crop of Grand Rapids lettuce, then fill with potted up cuttings of carnations. We prefer them all in pots, as they come from the cutting bench, so that when we plant in the field we have a good ball to them; then the plants will not suffer much if the ground happens to be dry and we cannot get them watered right away.

Then, as soon as the plants are in the field, we get this empty space planted with Lawson and Winsor.

Soil From the Open Field.

The soil we use is sod plowed about four inches deep the previous fall; then, before we bring it in, we plow in a good coat of rotten stable manure, pulverizing it with the harrow. I have found that soil prepared this way, in the open field, is sweeter than when it is put up in heaps, and the labor is less. Besides, the sod piles are apt to sour unless they are turned and cut down, which means much work for the laborers.

I have found that other varieties than the Lawsons also do well when planted under glass in spring; in fact, I rather think nearly all varieties would, if we could only get the houses ready for them without having to sacrifice hundreds of thousands of dollars' worth of flowers to do it.



W. T. Bell.

LOCAL MANAGEMENT.

The local management of the convention was in the hands of the Pittsburg Florists' Club, the officers of which are:

President—Fred Burki.
Vice-President—P. S. Randolph.
Treasurer—H. L. Blind.
Secretary—H. P. Joslin.
Assistant Secretary—C. L. Crall.

The committees specially charged with the details of the affair were:

Executive Committee—E. C. Reineman, John L. Wyland, John Bader.

Finance — E. C. Reineman, chairman; H. Meuschke, E. C. Ludwig, P. S. Randolph, John Bader, George W. Burke.

Entertainment—H. L. Blind, chairman; Samuel McClements, E. C. Reineman, T. P. Langhans.

Exhibition—A. W. Smith, Jr., manager; H. L. Blind, W. A. Clarke, W. N. Potter, John Jones.

Reception—Charles Crall, chairman; Gust. Ludwig, DeForest Ludwig, Gust. Frischkorn, Thomas Jenkinson, B. L. Elliott.

Press—William Falconer, chairman; H. P. Joslin, George W. Burke, E. C. Reineman.

Decoration—Ernst Zieger, chairman; J. W. Ludwig, Ed. Blind, William Loew, James Wiseman.

CARNATION CULTURE.

[A paper by W. T. Bell, of Franklin, Pa., read before the American Carnation Society at the Pittsburg convention, January 26 and 27, 1910.]

So many papers have been read and discussed, at the various meetings of this society, that the essayist who can add anything new on the subject of carnations will be almost as great a curiosity as a 6-inch carnation flower, but as it has been found to be a good plan, in our schools, to require the pupils to review the lessons previously studied, so perhaps a general review of the subject that we have met to consider may be of advantage to all present, and especially to those younger members of the society who are modest enough to

admit that they do not already know all there is about it.

The carnation, or, to express the name in strictly botanical terms, Dianthus Caryophyllus, is, according to Loudon, a native of southern Europe, and has been found growing naturally in England.

The generic name, dianthus, is compounded of two Greek words, meaning the flower of the gods, or the Deity, which has led certain writers to call it the divine flower, a name that might well be exchanged for one more simple and comprehensive. The specific name, Caryophyllus, has reference to the clove-like fragrance of the flowers, while the common name, carnation, has for its base the Latin word carnis, meaning flesh, in allusion to the pink or flesh color of the flowers in their wild state.

There are many different species in the genus dianthus, including the familiar Sweet William; but the one that most nearly resembles the carnation in appearance is the pink, with its several varieties.

Where it grows naturally, the carnation has single flowers, about one inch in diameter, having but five petals, but variation, selection and cultivation have so changed its character that flowers four inches in diameter are now produced, having a great number of petals.

Evolution of the Carnation.

The ordinary garden carnation is a hardy perennial that blooms but once a year, and the florists' carnation of today is undoubtedly the result of changes that have taken place in its habits through selecting and cultivating the most promising plants produced by natural variation, until now it may be had in bloom during the entire year. In the evolutionary operation, however, it has lost a portion of its hardiness, probably because of the higher temperature to which it has been subjected for generations during the cold season of the year, although this loss could perhaps be regained by reversing the process that brought about the change, and gradually hardening the plant until it could withstand the rigors of our severe winters.

This change from summer-blooming to perpetual-blooming is not confined to the carnation, but has been accomplished in the case of other plants. Chrysanthemums have been grown from seed that was saved from the ordinary seasonal-blooming kinds that have developed into varieties that have been had in flower every month in the year, and the rose is one of the most familiar examples of a plant that has been changed from an annual to a continuous bloomer, through the treatment accorded to it under modern methods of culture.

The carnation flower today, and especially in this country, is the most popular flower produced by the florist, having overtaken and passed the old-time favorite, the rose, in the race for popular favor, and instead of being referred to as the divine flower, it might truthfully be called the people's flower.

Good Reasons for Popularity.

To become really popular, a flower must possess several qualifications, the first of which is beauty, a somewhat indefinable and elusive quality. In addition, it should have a pleasant odor, and be capable of being used in a variety of ways and for various purposes. Its texture should be such that it will remain in fairly good condition for a reasonable length of time, and its successful cultivation should be so simple that it can be grown and sold profitably at such a price that the ordinary flower-user can afford to buy it freely.

All these various requirements are possessed by the carnation, and, in addition, it may be procured at any time during the entire year.

Roses, violets, lilies of the valley, chrysanthemums and many other flowers will continue to have their admirers, and will always be in demand, when in season, but some of them are difficult to produce with profit and most of them are more expensive, bulk for bulk, than are carnations.

Several years ago, at one of the conventions of the S. A. F., an essayist seemed to think that, in a few years, orchids would become as plentiful and popular as roses, but the prediction has not been verified and probably will not be, for two reasons; first, they are more difficult to cultivate and produce, and second, because of this difficulty, their prices will never become popular.

The development and improvement of the carnation have taken place within a comparatively recent time, both as regards the size, color and quality of its flowers and the number of desirable varieties.

Thirty or forty years ago the florist was confined mainly to such kinds as Edwardsii, Degraw, La Purite, Miss Joliffe and Astoria. Buttercup, one of the best of the earlier yellows, although, like most of the later kinds of that color, decidedly bizarre, came later, and was followed by Grace Wilder, Albertini, Mrs. Bradt, and a host of other slowly improving kinds, until the list of aspirants for a place on the carnation stage reached well up into the hundreds.

Daybreak, originated and disseminated by Simmons, of Geneva, O., was one of the best and most profitable carnations of its day, which is now over, and was probably one of the progenitors of the fine variety, Enchantress, and other kinds having the Daybreak shade of pink. William Scott was another easily grown and useful sort, but it, too, is now eclipsed.

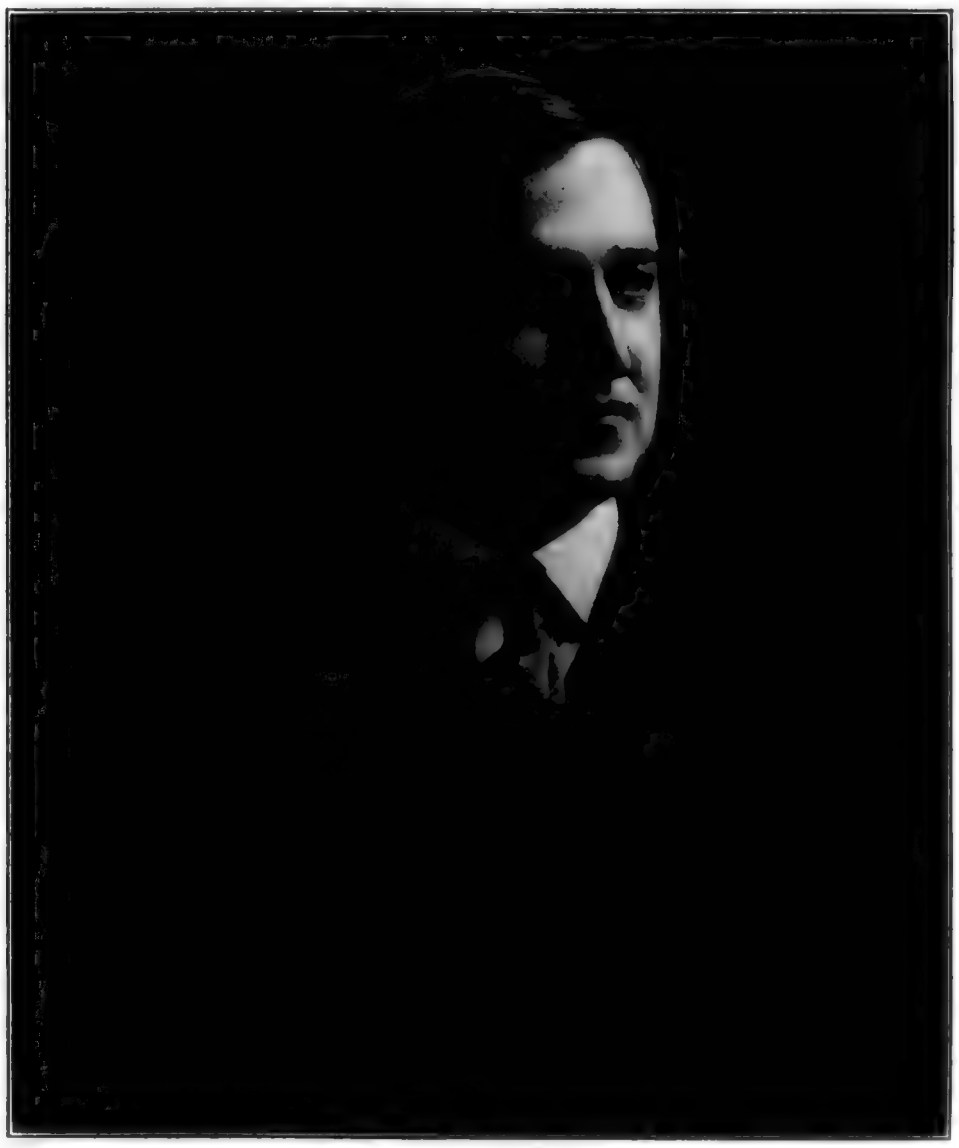
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At the royal show, held at Newcastle-on-Tyne, England, in 1908, and practically open to all exhibitors, many vases of British carnations were shown, having, in the main, stiff stems and large flowers, but the flowers were nearly all of coarse texture and the most of them had split calyxes, and decidedly the finest carnations in the great show were those of American origin.

Carnation flowers may be appropriately used on many occasions and in a variety of ways, from a single flower on a coat lapel to the most elaborate floral design or other form of decoration.

They are welcomed in the sick room or the hospital ward, and are suitable for the placements or the centerpiece for the dinner table. Clusters or sprays of the flowers, when arranged with taste and skill, in combination with a sufficient amount of suitable greenery, are much asked for and appreciated for funeral occasions. No flower can be used to better advantage in a pleasing arrange-



Joseph H. Hill.

house carnations as early from the field as we do of late years. The variety was Mrs. Fisher, which I at that time grew as my principal white and with which variety I had for some years great success, but only in solid beds; it did not do well for me on raised benches.

Good Flowers When Most Wanted.

I found that stock out of 3-inch pots, planted under glass in spring, gave me good flowers when such were scarce, say, in September, October and November, and bloomed through the season as well as did those planted from the field. They did not make as much surplus grass, but grew more slender, with equally good flowers and longer stems than the field grown plants produced, and they could be planted closer.

The soil I used at that time was taken from an ordinary piece of garden ground, as I could not procure sod, being located in one of the city suburbs. This piece of ground was manured heavily in the spring with cow manure, plowed in and kept plowed through the summer. Sometimes we manured it a second time and pulverized it with the harrow before taking it into the houses.

Another variety I grew with great success at that time was Hector, a scarlet, which did better with me than any other red at that time and for some years after. The only fault it had was weak stems; I had to give it up when the trade insisted on stiff stems. Hector grew very tall under glass in summer, but bloomed much better that way than when planted from the field.

Building Glass Over the Plants.

I simply could not make Hector pay when planted from the field, but it did its best when I planted it in beds prepared in spring, cultivated it the same as if under glass, and built a greenhouse over it before fall. I am of the opinion that this way of growing carnations, on beds with no glass over them until fall, would be an ideal way if it were practical, but I find it impossible now where we are located and with the kind of houses we build now.

Some years ago Uncle John Wyland said to me one day about the beginning of June, "I am going to take the glass out of my carnation house, clean it out and plant the young stock in it in place of into the field." I said to him, "You are going to have a big job on hand." About the end of June I met him again, and he said to me, "You cannot believe how quickly we got that glass out and put away; it took us about two days." I said to him, "Well, you will find it a bigger job putting it in again in the fall, and you have now no carnations to sell when I can get good money for them—$2 per hundred." He never did it again, although the carnations were a success.



W. T. Bell.

The Lawson Varieties.

Of late years we aim to plant the Lawson varieties under glass instead of in the field, and in this way we get earlier flowers and longer stems than we can from the field grown plants. Unless we can house these varieties from the field by the first week in July, they hardly give us a first crop before the holidays, and then the stems are short and the flowers not up to the mark. We propagate them during December and January and get them into 4 inch pots by May. I find, though, that unless planted under glass not later than the first week in June, field grown plants planted near the end of June or in the first part of July are more satisfactory, as the plants in pots are liable to suffer during June from one cause or another.

But the difficulty in this is, when carnations have a good sale during June, as they do some years, and your plants are in crop, to make up your mind to throw them out and make room for young stock.

The spaces we are able to plant in May are the beds we had in mums the previous fall. Following these we take out a crop of Grand Rapids lettuce, then fill with potted up cuttings of carnations. We prefer them all in pots, as they come from the cutting bench, so that when we plant in the field we have a good ball to them; then the plants will not suffer much if the ground happens to be dry and we cannot get them watered right away.

Then, as soon as the plants are in the field, we get this empty space planted with Lawson and Winsor.

Soil From the Open Field.

The soil we use is sod plowed about four inches deep the previous fall; then, before we bring it in, we plow in a good coat of rotten stable manure, pulverizing it with the harrow. I have found that soil prepared this way, in the open field, is sweeter than when it is put up in heaps, and the labor is less. Besides, the sod piles are apt to sour unless they are turned and cut down, which means much work for the laborers.

I have found that other varieties than the Lawsons also do well when planted under glass in spring; in fact, I rather think nearly all varieties would, if we could only get the houses ready for them without having to sacrifice hundreds of thousands of dollars' worth of flowers to do it.

LOCAL MANAGEMENT.

The local management of the convention was in the hands of the Pittsburg Florists' Club, the officers of which are:

President Fred Burki
Vice President P. S. Randolph
Treasurer H. L. Blind
Secretary H. P. Joslin
Assistant Secretary C. L. Crall

The committees specially charged with the details of the affair were:

Executive Committee: E. C. Reineman, John L. Wyland, John Bader.

Finance: E. C. Reineman, chairman; H. Meuschke, E. C. Ludwig, P. S. Randolph, John Bader, George W. Burke.

Entertainment: H. L. Blind, chairman; Samuel McClements, E. C. Reineman, T. P. Langhans.

Exhibition: A. W. Smith, Jr., manager; H. L. Blind, W. A. Clarke, W. N. Potter, John Jones.

Reception: Charles Crall, chairman; Gust. Ludwig, DeForest Ludwig, Gust. Frischkorn, Thomas Jenkinson, B. F. Elliott.

Press: William Falconer, chairman; H. P. Joslin, George W. Burke, E. C. Reineman.

Decoration: Ernst Zieger, chairman; J. W. Ludwig, Ed. Blind, William Loew, James Wood, Jr.

CARNATION CULTURE.

A paper by W. T. Bell of Franklin, Pa., read before the American Carnation Society at the Pittsburg convention, January 26 and 27, 1910.

So many papers have been read and discussed, at the various meetings of this society, that the essayist who can add anything new on the subject of carnations will be almost as great a curiosity as a 6 inch carnation flower, but as it has been found to be a good plan, in our schools, to require the pupils to review the lessons previously studied, so perhaps a general review of the subject that we have met to consider may be of advantage to all present, and especially to those youngest members of the society who are modest enough to

dmit that they do not already know all here is about it.

The carnation, or, to express the name n strictly botanical terms, Dianthus aryophyllus, is, according to Loudon, a ative of southern Europe, and has been ound growing naturally in England.

The generic name, dianthus, is compounded of two Greek words, meaning e flower of the gods, or the Deity, which as led certain writers to call it the ivine flower, a name that might well be exchanged for one more simple and comprehensive. The specific name, Caryophyllus, has reference to the clove-like ragrance of the flowers, while the common name, carnation, has for its base e Latin word carnis, meaning flesh, in lusion to the pink or flesh color of the owers in their wild state.

There are many different species in e genus dianthus, including the faiiliar Sweet William; but the one that ost nearly resembles the carnation in ppearance is the pink, with its several arieties.

Where it grows naturally, the carnaon has single flowers, about one inch n diameter, having but five petals, but ariation, selection and cultivation have changed its character that flowers four nches in diameter are now produced, aving a great number of petals.

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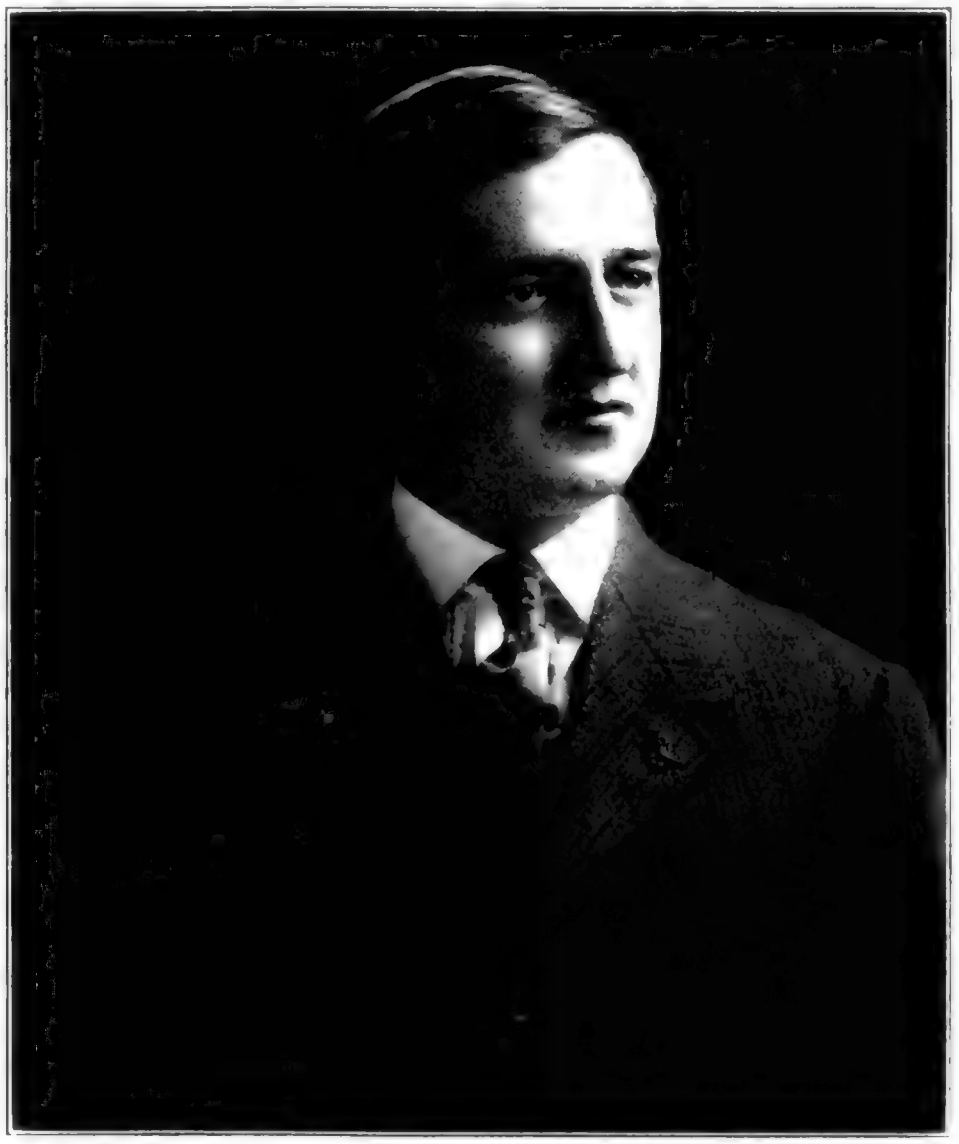
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Carnation flowers may be appropriately used on many occasions and in a variety of ways, from a single flower on a coat lapel to the most elaborate floral design or other form of decoration.

They are welcomed in the sick room or the hospital ward, and are suitable for the placements or the centerpiece for the dinner table. Clusters or sprays of the flowers, when arranged with taste and skill, in combination with a sufficient amount of suitable greenery, are much asked for and appreciated for funeral occasions. No flower can be used to better advantage in a pleasing arrange-



Joseph H. Hill.

ment to place beside the door of the house where death has entered, in lieu of the somber crape. Because of their excellent lasting quality, they are one of the best flowers to use for sending a long distance, or when they are required to be kept for a considerable time before being used.

If it were not for being so wasteful, many of the arrangements of carnation flowers would be improved in appearance if carnation buds and foliage were combined with the flowers.

For the uses enumerated, the carnation flowers should be of good quality; and to produce such, the propagation and culture of the plants producing them, and the gathering and care of the flowers after being grown, must be carefully and properly attended to, necessitating unflagging attention on the part of the grower. This is not alone the case with the carnation plants and flowers, but applies as well to all the stock in the florists' domain; a fact which all plantsmen do not seem to appreciate.

If eternal vigilance is the price of liberty, it is no less the price of good plants and flowers, and the difference in the success of different florists may generally be ascribed to the continuous care bestowed on his stock by the successful grower, and the intermittent care and partial neglect, in this respect, of his less successful neighbor.

Propagation—Old Ways and New.

There are different ways of propagating carnations, and the older English authorities seem to have preferred layering, which is necessarily an extremely slow method and is practically unknown in this country.

Another means that they practiced was propagation by pipings, which were practically the same as our cuttings, and the directions for the operation are as follows: "Prepare as many pots as are wanted. Fill them nearly full of compost, and the remaining space with silver sand. Prepare the pipings, by cutting off a stem quite smooth at the third joint; then carefully slit the joint just through, and insert the pipings in the sand."

How would our growers, who propagate carnations by the million, like to be confined to the slow and tedious method just outlined? Undoubtedly their patience and their pots, with some of the other material mentioned, would soon become exhausted.

Judging from the directions concerning many of the horticultural operations described in the English works on gardening, and especially those of an early date, silver sand was a most important substance in the gardener's equipment, and, while it is a very nice and cleanly material to work with, we have proved by long practice that it is not indispensable.

The best materials from which to make carnation cuttings are the shoots springing from the sides of the flowering stems, but taken before they are old enough to have developed the three joints mentioned in the directions concerning pipings, just read. These will make better plants than the tips of terminal stems, such as are produced on young plants, and which are sometimes used.

Cuttings should never be taken from plants showing any signs of disease, such as yellow or spotted foliage, notwithstanding the temptation to do so in the case of varieties that it is desired to increase to the limit.

Only so many cuttings should be taken off at once as can be prepared before they show any symptoms of wilting. They should be handled at a distance from stoves or hot pipes and not in bright sunshine, and it will do no harm to freshen them by a gentle spray of cold water, if it seems necessary.

Benching the Cuttings.

While some growers insert the cuttings in the sand almost in the condition in which they are taken from the plants, it is much better to prepare them first by judicious pruning, as follows: Pull off two or three of the lowest leaves, without removing too much of the substance of the stem of the cutting; then, with a sharp knife, shorten any of the remaining leaves that are long enough to require it, leaving from one to two inches of the base of each leaf.

The cutting bench should have been prepared in advance, with three or four inches of clean, sharp sand, free from loam or any vegetable substance, and should be provided with some means of keeping up a gentle bottom heat.

It is the practice of some of the best propagators, and a good one, too, to renew the cutting bench with fresh sand after each lot of cuttings have been taken out, but it is a laborious operation and is not absolutely necessary. If the sand is stirred and loosened, and thoroughly soaked with boiling water, applied with a watering can having a spray rose on the spout, so as to destroy any fungoid growths in the sand, it may be used for a number of times with safety, as has been proved by actual experiment.

In preparing the bench to receive the cuttings, the sand, which should have been thoroughly watered some time previously, should be firmed by using a clean brick, or something similar, and scored for each row of cuttings with a table knife. If the cuttings have been properly trimmed, the rows should be about two inches apart, and the cuttings placed one-half or three-quarters of an inch apart in the rows. They should be inserted from one-half to one inch deep, depending somewhat on the condition of the sand and the character of the cuttings, and should be firmed by pressure of the finger and thumb on the sand during the operation of setting them, which may soon be learned. As soon as a lot are set, they should be given a good watering with a can such as recommended for scalding the bench, and should never be allowed to get so dry that the sand becomes light-colored and dry to the touch or the cuttings show any signs of wilting, but the watering should be done, if possible, during bright days, and in the morning. While the bench should have all the light it will bear without injury to the cuttings, by making them wilt, it will be necessary to shade it from bright sunlight, at least until the cuttings have become so thoroughly established that sunshine does not harm them.

Potting the Cuttings.

As soon as the cuttings have formed roots half an inch in length, they should be potted in 2-inch pots, using a good quality of potting soil, with little or no fertilizer in it, and firming the plants well in the pots. This course is preferable to planting the cuttings in trays or boxes of soil, a plan followed by many growers.

The plants should now be placed in a rather cool, well lighted house, having about the same temperature as that in which the cuttings were rooted, and one in which top ventilation can be given when needed.

For a short time at first they will require to be shaded from bright sunshine, but the shading should be dispensed with as soon as possible.

One of the most important things requiring attention at this stage of the growth of the plants is the watering. They should never be allowed to get quite dry, and, on the other hand, should never be watered while the soil is wet, as neglect or carelessness in this respect is likely to lay the foundation, or, rather, sow the seeds of future stem-rot. This operation should be in charge of the most experienced and careful person employed in the establishment. If the watering is done with a hose, it should have a nozzle furnished with a spray rose, having a flat, and not a convex surface, perforated with very small holes. To water plants as it should be done is one of the most difficult things to teach a beginner and should never be entrusted to anyone who cannot do it properly. A careful and experienced man knows by looking at plants when they need water, and how much they need.

While probably a majority of plantsmen use an open hose to water with, regulating the amount of the flow with the end of the finger, this is not nearly as good a plan as to use the spray nozzle, as recommended for the newly-potted carnation plants. The flat, perforated surface of the rose concentrates the spray, while a convex surface causes it to be too much scattered, so that it is difficult to apply the water just where it is needed without wetting other plants standing near that may not require irrigation at the time. For general greenhouse use the perforations in the rose should not be very large.

Weeds should not be permitted to grow among the young carnation plants, and fumigation must be attended to regularly, to keep down aphis, while the under side of the foliage should be sprayed with a good force of water, to keep the plants free from red spider. As soon as the stems attain the proper height, say, five inches, they should be stopped, which will induce the formation of side shoots. When the pots are well filled with roots, the plants should be repotted in 3-inch pots, and so on to 4-inch and 5-inch pots, for those that are to be benched from pots.

Late propagated plants that are to be grown outside during the summer may be planted from 2-inch pots, or, better still, from 3-inch, if they have needed repotting before being planted out.

Propagation by cuttings may be carried on from November until April, but January, February and the early part of March will be found the best time for this operation.

Planting in the Field.

The proper time for planting in the field will vary with the latitude and the season, but should be done as early as it can be with safety, so that the plants may become established, and make some growth, before the hot weather of midsummer. If the young plants have been hardened in a coldframe for some time previously, they may be planted outside sooner than if taken directly from the warmer greenhouse.

The soil in the field where the plants are to be grown should be of a loamy nature, and care should be taken to have it well pulverized and free from stones and other obstructions.

If a horse cultivator is to be used, the rows should be two and a half or three feet apart, but if to be cultivated by hand, they will only require to be eighteen inches apart. In either case the plants should be set about a foot apart in the rows.

A half-inch rope should be tightly stretched where the row is to be, and the ground should have a final raking and leveling by drawing a fine-toothed garden rake along the rope, walking backward. Pressing the edge or cutting face of a common garden hoe on the rope, and walking forward with it in that position, will leave a fine mark to plant by, when the rope is shifted, and is better than to try to plant beside a small stretched line.

The plants should be cultivated frequently, and the soil kept in a loose condition; especially should it be stirred at the proper time after a rain. No weeds should be allowed to grow. The stopping of the lengthening stems must be promptly attended to, if shapely, bushy plants are wanted. No flowers or flower buds should be allowed to grow, or at least not until nearly time to transfer the plants to the houses.

During long-continued dry weather a properly arranged system for irrigating by means of perforated pipes may be used to advantage, and as the plants are all of the same nature, and the conditions likely to be uniform, the objections to such a system when used in a planthouse where a variety of plants are grown, requiring varying amounts of water, do not apply.

Housing the Plants.

Planting in the houses may be done from June to October, the earliest plantings being from pot-grown stock. Probably the best time for housing the plants from the field is August and early September.

The beds or benches should be of convenient width to work over, say, not to exceed five feet where there are walks on both sides, and not more than three feet for side benches.

Both low beds and raised benches have their advocates, and good flowers may be grown with either system of cultivation. Ground beds are cheaply made and, if furnished with cement or brick walls, are durable, but should always have provision for sufficient drainage. Raised benches, although more expensive to make and requiring frequent renewal, are more convenient to plant, weed, stake and spray than the low beds are. Each grower should test both plans and decide for himself, after a sufficient trial, which he will adopt. Possibly, as some have already done, he will use both.

While, with proper attention in other respects, carnations may be grown fairly well in soils that vary greatly in quality, still the time and cost required to procure and prepare the best quality of soil for use on the benches or beds are well expended.

Sods and the top soil from an old loamy pasture field, cut three or four inches thick and piled with one-fourth of their bulk of clean cattle manure, a sufficient length of time before using to obtain the proper condition when sliced down and thoroughly mixed, and having a small quantity of air-slaked lime incorporated with them, form an ideal compost.

The bottom and side boards of the raised benches that will come in contact with the soil, should, before filling, be thoroughly coated with whitewash made from freshly-slaked lime and having a small quantity of sulphur added. Five inches of soil, prepared as directed, is sufficient for the raised benches.

In digging the plants in the field, a reasonable amount of soil should be left attached to the roots, if possible, and they should be carried and handled so carefully that this soil will not be shaken from them.

Contrary to what the novice might expect, the best results in transplanting will be obtained if the soil in the field is dry when the plants are dug, rather than if it is wet.

The plants should be transferred to the benches as promptly as possible after digging, so that the roots may not become too dry.

Probably a majority of planters firm the soil around the newly-set plants by pounding it with the closed fist, but as this firming is an important part of the planting operation, a better plan is to use a brick hammer, or something similar, as a tamper for the purpose.

Care should be taken not to set the plants any deeper in the soil on the benches than they were growing in the field.

Treatment in the House.

After a few feet of bench has been planted, the soil and plants should be gently but thoroughly dampened, by using the fine spray rose on the nozzle of the hose. If the sun is shining on the benches, the plants should be lightly sprayed again after the foliage has become dry, and the spraying should be repeated on bright days as often as may be necessary, so as, if possible, to avoid shading the glass.

After the plants have become somewhat established, they should be dusted with air-slaked lime, and, as soon as convenient, they should be furnished with the galvanized wire supports, to be lengthened as needed. These, although more expensive, are neater and better than strings stretched between the rows, a plan in common use.

Carnation houses should be freely ventilated whenever the weather will permit, and fumigation and spraying, for aphis and red spider, must not be neglected. Weeds should not be allowed to grow, and the surface of the soil should be stirred frequently, when in the proper condition, but not so deeply as to injure the roots of the plants.

As soon as the flower buds are of sufficient size to handle, disbudding should be commenced, and continued persistently throughout the season. In disbudding carnations it will be found best to begin at the top of each stem, so that, if by accident the terminal bud is broken off, one of the buds lower down may be left to take its place. On account of differences in habit of growth, certain kinds can be disbudded much more easily than others. Among the kinds that require most time, because of the numerous buds and side shoots, are Beacon, Bassett and Georgia; among those that can be disbudded much more quickly are Harvard, Victory and White Perfection.

After the soil has become filled with roots, the application of additional fertilizing material may be made—either pulverized cattle or sheep manure, to be stirred into the soil, or liquid fertilizer, for the making of which there is nothing better than cattle manure. This must be applied in combination with good judgment, and neither too strong nor too frequently.

The most important thing connected with the cultivation of carnations is the watering, and the most common failure in this respect is in allowing the soil to become too dry, even to the extent of causing the plants to droop and wilt. The soil on the carnation benches should always be slightly moist, but should never be watered when saturated.

Immunity From Disease.

But little need be said now concerning the filthy carnation rust, that caused so much trouble and dread a few years since, nor indeed of the various other fungoid diseases to which the plant is subject, because, if intelligent care and attention are given to the propagation and culture of the plants, but little trouble will be experienced from any of these diseases, and this applies as well to the case of other florists' plants.

Those who complain so much of disease in their stock of forcing lilies, and lay the blame on the men who grow the bulbs, if they would give more care to the plants, and especially in the matters of temperature and moisture, the "two tures," as they have been called, would find their stock practically free from disease.

In regard to the style and size of planthouses for the proper cultivation of carnations, ideas differ and will continue to do so, although at present the tendency seems to be in favor of longer and wider houses. However, some of the finest carnation flowers that have ever been produced were grown in narrow houses—so narrow, indeed, that in some cases they were wide enough for but one narrow bench—but the man who grew them was careful not to allow the ventilating sash to remain unopened during the whole of a bright, sunny day, nor to neglect the watering until the plants hung their heads from thirst. While good-sized houses, well lighted and conveniently arranged, are highly desirable, success does not depend so much on the style of house as on the style of men in charge of it. Houses 300 feet in length should be long enough for any reasonable man, and equal-span houses, running north and south, do very well for growing carnations in.

The number of varieties that are grown with profit at the present time is so great, and is being so persistently added to, that it seems unnecessary to specify them, or to say which are the most profitable. The beginner in the business will do best to consult some successful grower on this point. Then, after having had some experience, he can add to his stock, for the purpose of testing, some of the most promising of the new introductions, and retain those that prove to be desirable.

Production of New Varieties.

Notwithstanding the many fine sorts that are now cultivated, better kinds than are now in existence will be warmly welcomed when they appear, as they undoubtedly will, and this prospect opens a new field to the thoughtful carnation grower, the production of new varieties. He may be fortunate enough to have a sport or variation from an existing kind originate on his premises, which is a short cut to the point aimed at, for which he will deserve no particular credit, but from which, if it is a decided improvement in color, size or habit over those now grown, he may derive a considerable profit.

The most promising way to proceed, as well as the most interesting, is to resort

to cross fertilization, usually called hybridizing, which term is in this instance incorrect, as a hybrid is the result of a cross between different species of the same genus, while the various kinds of carnations, as we grow them, are simply different varieties of the same species.

For his experiments in cross breeding, he will select parent kinds that seem to combine the qualities he desires in the looked-for progeny, and after growing and testing a few thousand seedlings, he may be rewarded by the production of a prodigy, which may, indeed, result from the very first pod of seed produced. When he has bestowed on this a plain, short name, somewhat descriptive, if possible, and sold the stock, or a portion of it, for $10,000, be the same more or less, he will probably feel repaid for the time and trouble expended on its production, and if his efforts do not result so profitably, he will at least be repaid in a measure by the interesting experience he has had.

The intelligent, observant and careful grower of carnations will soon be able to distinguish the different varieties he cultivates from each other by inspection, guided by differences in appearance and habit that cannot be described in words. And, possessing this faculty, if mixtures occur in his stock, as they may, he will be able to identify and name the interlopers. He will find the work, in its variety, both healthful and interesting, and, if located within reach of a good market, profitable as well.

He may, also, as a result of experiments, discovef some improved methods in the culture and care of his stock, that will be of general interest and benefit, and having done so, he will of course report the same to the American Carnation Society.

SEASONABLE SUGGESTIONS

Bouvardias.

The bouvardia plants will now have finished flowering, and if cuttings have not yet been taken it is time to start some. If the plants of the large, white, sweet-scented variety, B. Humboldtii, are rested a little, pruned back and then placed in moist heat, they will soon give an abundance of nice soft cuttings, which root as freely as chrysanthemums in a warm cutting bench. The other varieties of bouvardias do not break so freely as Humboldtii and we find root cuttings make much more satisfactory plants than soft shoots. Cut the thicker roots in pieces half an inch long and place these in a propagating bench where a good bottom heat, 75 to 80 degrees, is maintained. Cover with sand. Soak well with water every day and few will fail to grow.

Bouvardias are not grown as they were twenty-five years ago. The scarlet varieties are, however, good sellers at Christmas, while the more persistent blooming Humboldtii may be had in flower from August to Christmas. It is one of the best selling choice flowers of the day, being superb in either design or bouquet work.

Fancy Caladiums.

If your fancy caladiums have been wintered in a warm, dry shed or room, the tubers should not have decayed, as so often proves to be the case when they are shaken out prior to starting. Too cold resting quarters and an excess of moisture will speedily raise havoc with the tubers. Provided they are plump and sound, now is a suitable time to start them. Do not pot at once, but chop up some sphagnum moss and mix with sand. Rest the tubers on this, over heating pipes, either in a propagating case or in a box placed where it will have a good bottom heat. Damp slightly until the roots and growths appear. Pot before the roots run and become entangled. Those having fancy caladiums and not possessed of a warm, steamy house had better wait a few weeks before starting their tubers.

Asparagus Sprengeri.

Take advantage of any lull in other duties to look over the benches of Asparagus Sprengeri. Cut away all unsalable shoots and give the plants a top-dressing of decayed barnyard manure or fine bone, scratching over the surface after applying. Avoid the temptation to cut away all shoots on any of the plants. The inevitable result is a decided weakening of them, and if you will take note of the aftergrowth on any cut down altogether and those on which one or two shoots have been retained, you will soon be convinced of the correctness of this.

Herbaceous Calceolarias.

The flower shoots on herbaceous calceolarias are starting to come up now and the final potting should be delayed no longer. Let the soil at the last shift be of a porous nature. The plants like an abundant water supply, but like it to pass away quickly. Fibrous loam, dry cow manure, a little leaf-mold, some broken charcoal and pieces of rough peat chopped up make an ideal compost. Press it firmly in the pots. Continue to grow the plants as cool as possible; 40 degrees at night is better than 50 degrees for them, and in the lower temperature there is always less danger of aphis attacks than when grown warmer.

Bedding Geraniums.

Continue to take off any tops from strong geranium plants and insert them singly in 2-inch pots of sandy loam. These can still be grown into nice, salable stock by Memorial day. The earlier potted stock takes on an accelerated rate of growth with the increasing solar heat and should be looked over every few days and given a fresh stand. Remove any dead and decaying foliage and do not use the hose over the foliage any more than is absolutely necessary. Do not allow any of the little plants to become cramped in the pots before giving them a shift. One inch at a time is sufficient, from 2-inch to 3-inch and 3-inch to 4-inch pots. Get in a good batch of that useful little edging variety, Mme. Salleroi. The cuttings root easily and they will make nice, bushy little stock before spring sales start.

Cannas.

It is yet too early to start any of the cannas, but as it is possible some moisture may reach the clumps, look them over carefully. Remove any portions showing signs of mold or decay, and if they have been stored under a bench it will be well to place them in flats in a cellar or shed where a temperature of 45 degrees is maintained. As there are many who do not grow their own cannas, the present is an opportune time to purchase a stock of dry roots of any varieties wanted. A few excellent sorts, which never fail to please, are: Alphonse Bouvier, splendid crimson, tall; Florence Vaughan, golden yellow, spotted red; Jean Tissot, bright vermilion; Mme. Crozy, bright scarlet, still one of the best; Duke of Marlborough, deep crimson; Richard Wallace, splendid canary yellow; Buttercup, pure yellow; Souvenir D'Antoine Crozy, crimson scarlet, edged golden yellow; Egandale, bronze foliage, currant red flowers; Tarrytown, a magnificent scarlet; Beaute Poitevine, crimson, shaded scarlet.

In the vigorous Italian or orchid-flowering section, King Humbert, with its bronzy foliage and bright orange scarlet flowers, is still the best. Pennsylvania and Italia are each good. These are useful for back rows or centers of beds. The new canna, Black Beauty, has distinct and richly colored foliage, although the flowers lack size.

Chrysanthemums.

While it is still much too early for the commercial grower to start propagating chrysanthemum stock to plant in the benches, it is well to take in hand varieties which it is desired to grow in quantity another season, and all possible cuttings of these should be placed in the sand at once. These will each give a cutting before they are potted long, and if you are desirous of working up all possible stock of any varieties, plant them out in flats containing four to five inches of soil, or, better still, in a piece of shallow bench, and they will give you a big crop of succulent cuttings by the end of April or during May, which is quite early enough for inserting cuttings, unless fancy blooms are desired.

Double Feverfews.

Any planting of double feverfews for flowering at Memorial day should be done without delay. It is an easily grown and comparatively commonplace flower, but at the end of May flowers of about any variety will sell, and for quantity there are few plants which will surpass the old feverfew. Its strong, somewhat disagreeable odor is objectionable to many, but where an easily and cheaply grown white flower is wanted it is still one of the most useful for bouquet work.

Potting Fine Foliage Plants.

Many of the crotons, dracænas and other colored-leaved plants will be needing a shift, and, as there is now time to attend to this work, it is well to do it before the busy season arrives. Avoid big shifts. Pick away some of the old soil from the top of the pots, scratch

the sides of the balls with a sharp-pointed stick where the roots are much matted, take out the old drainage and carefully loosen the roots entangled in it. A compost of turfy loam, with some leaf-mold and sand added, is suitable. Only a small quantity of manure should be used, and it should be old and well dried and pulverized. See that the soil is securely packed around the sides of all the pots. Practically all the plants in this section require firm potting.

Jerusalem Cherries.

Select a few of the finest berries of Jerusalem cherries. They contain a large quantity of seeds each. Sow in a flat and pot off singly when of sufficient size. Plant outdoors a foot apart, early in May. Do not pinch at all, as sometimes advised, and if your soil is generous, as it should be, you will have splendid bushes which will fill 6-inch pots, vastly superior in every way to the sprawly, ill-shaped plants raised from cuttings. It is surprising how any growers will still propagate these from cuttings, when so much larger, more vigorous, better shaped and more heavily berried stock is to be had from seed.

CALENDAR OF THE CARNATION.

[A paper by Joseph H. Hill, of Richmond, Ind., read before the American Carnation Society at the Pittsburg convention, January 26 and 27, 1910.]

It seems a trifle ludicrous for a person as young and as inexperienced in carnation culture as myself to stand before a body of representative men such as are gathered here today, and attempt to inform them as to the best way to cultivate carnations throughout the year. Many a member of this society was successfully growing carnations before I was born; others, comparatively young men, are already acknowledged authorities on the divine flower; and there are others here present who might, if they so desired, retire on their well-earned laurels and enjoy for the rest of their lives their well-filled coffers, the result of hard work, close application and an unceasing attention to the demands of their chosen flower. In some portions of my discourse will readily be recognized the teachings of such men as William Nicholson and the Dailledouze Bros., to all of whom I am deeply indebted for kindly interest and instruction and unfailing response to any inquiry propounded. Other portions of this paper are records of my own observations and experiences, many of the lessons being quite expensive, as every grower has at times cause to confess as he sums up his columns of success and failure.

First Steps.

The middle of November witnesses the first steps looking toward the production of the millions of carnation plants required for the annual planting in this and other countries. At this time the grower puts into the sand those varieties which fail to make good plants from later struck cuttings, and also those required by those of his customers who insist on "late December or early January delivery." While large numbers are taken in November and December, the bulk of the propagating is done considerably after the holidays, and often quite up to the first part of May. It is generally conceded that cuttings taken during January, February and March will give the best results to the average grower, though most of us have seen grand blooms produced in quantity from good April cuttings.

Too much importance cannot attach to the careful selection of cuttings, which must be strong and healthy and from clean and vigorous plants. The old axiom quoted in Mr. Ward's book, that "like begets like," must never be lost sight of in this part of our program.

In the Sand.

The cutting bench should have a brick or tile bottom, filled with three to four inches of absolutely clean sand, and so constructed that a bottom temperature of 60 degrees can be maintained. No drafts should be allowed to strike the cuttings, and they should also be protected from the direct rays of the sun by a perfectly clean and light-weight curtain of muslin.

The cuttings should receive a thorough watering when put into the sand, and the detrimental habit of using the hose whenever they show signs of flagging should be avoided, as this wilting invariably shows that overhead conditions are wrong, and these must be corrected rather than that water should be added to the already saturated sand. The less the amount of water used, if the cuttings are still kept fresh and plump, the better will be the root formation, and it requires a nice discrimination to properly adjust this matter.

Varieties differ greatly in the fiber of the first roots, the Enchantress family being notable for producing good, tenacious roots quickly; while Afterglow, the sturdiest, toughest stemmed variety in existence, must be handled with great care to prevent the loss of roots when taking from the sand, and must be allowed a longer time to mature.

Dibbled or Potted?

Then arises the question: Shall the cutting be dibbled into the soil, or potted? The former procedure is the easiest and the quickest, but I feel sure that the extra work of potting and repotting is doubly repaid.

The young carnation that is planted in the field or in the flowering bench from a pot, with its firm ball of earth, inwrapped with a network of roots, will show no ill effect from the shift and will start right off into growth without a day's hesitation, while the lifted plant, in handling and resetting, loses most of the soil from around the roots, and receives a severe check from loss of moisture from its tissues. Especially is this the case if not revived by frequent showers soon after planting. Another strong point in favor of the young pot-grown carnation is exemplified when the plant is lifted from the field either for shipping or for immediate benching; the small pot ball of the springtime will still be found intact, greatly protecting the roots from serious injury. One might be led to suspect that the speaker was interested in the pottery business, for if all the carnation men decide to pot all their cuttings before planting, it means millions of pots, but such is not the case; nevertheless, if any of the pot men present want to "fix it" with the speaker, he will be glad to meet them after we adjourn.

We endeavor to get our young stock up into 3-inch pots before planting out, but often in the spring rush some lots have to remain in 2½-inch pots and grow on nicely, provided they have not become badly potbound.

In the Field.

When the first warm days come on, about mid-April, the inclination is to rush the stock out into the field, but I feel sure that it is a serious mistake to do so. In the house it has grown up in a temperature of from 45 to 50 degrees, and with moisture judiciously supplied, so that it cannot but suffer and be seriously checked when subjected often to cold, severe frosts, and, worst of all, to wet weather and a falling thermometer.

In an ordinary season, if the planting is fully finished by the first part of June, good, big, healthy stock is assured, providing your soil has been properly prepared and possesses full quantities of plant food.

We have come to the conclusion that cross-checking the plants in the field, so as to cultivate them both ways with a hand cultivator, is not so good as to give them more room between the rows and draw the plants closer together in the rows. By spacing the rows twenty-eight to thirty inches, a horse and spiked-tooth cultivator can be used, greatly lessening the hand labor, besides loosening the soil to a greater depth. The inclination of the hand cultivator is upward rather than downward, thus failing of the intent to a certain degree.

About July 1 we begin to condemn the benches that are not producing a paying quantity of flowers, emptying the worn-out soil, and making them ready for our next year's hopes.

It is now a recognized fact that the returns from carnations cut in June and July come nearer being "real velvet" than those cut at any other time in the year, providing the plants have had the proper care and have not been neglected during the late spring rush.

Wanted—A Soil Carrier.

If there is any time in the year when the greenhouse laborer approaches mutiny, it is when the task of wheeling out and wheeling in presents itself. If, at this particular period of carnation culture, the lady who strolls through the houses in the winter, remarking on the delights of "cultivating the fragrant blossoms," comes about once more, she certainly finds herself rudely disillusioned, for it is as hard, hot and disagreeable as working in a quarry or in the molding room of an iron mill. The man who perfects a practical mechanical soil carrier, not only has a fortune assured, but the added blessing of every man relieved of this arduous and exhausting work.

A word as to soil: The old prescription, "Three parts of soil to one of well-rotted manure, together with a generous sprinkling of bone, chopped fine and put on the benches," is sure to be superseded by more modern methods of soil preparation. There are a number of eminently successful firms in this country that take as long as five years in the preparation of their soil for indoor culture.

The one vital principle to be observed is to have the manure and other fertilizers so thoroughly assimilated by the soil, by means of leguminous crops and clovers, that the food is immediately available to the plant.

Back to the House.

So much has been written concerning the careful lifting and quick resetting of the plants from the field, that I pass

this item of culture, but wish to emphasize the necessity of the use of the Bordeaux mixture promptly on the establishment of the plants. Generously applied, and given once thereafter every three or four weeks, it not only acts as a preventive of spot, rust and other minor diseases, but of stem-rot as well.

By beginning in August with a weekly spray of Nicoticide and continuing throughout the year, we keep down aphis and also rid our plants of thrips. Red spider is controlled by an occasional application of salt water, together with syringing under high pressure on bright days.

The antiquated proceeding of mulching heavily in late summer or autumn has given way to light top-dressings, through which the surface of the soil is always pliable and open to the free air, thus preventing any tendency toward souring.

Lime, wood ashes, sheep manure and pulverized cattle manure, always applied sparingly, constitute the menu for our plants after they are "up and doing."

Plenty of fresh air, whenever it is possible to admit it, insures a healthy, free-growing plant.

Not until October and November do the plants throw character blooms, but if by January 1 each plant does not show several blooms cut, something is decidedly wrong, either with the variety or with the culture given.

In regard to new varieties: We need them and they are interesting, and we must not forget that every variety that we grow was once an untried novelty; but it behooves every general grower to ascertain, as far as possible, the exact value of a new one before displacing an old one to make room for it in quantity. This national meeting is of inestimable value to carnation growers, in that it shows just how well the standard varieties are holding their early vitality and position, and just what new sorts are surpassing their seniors in brilliance of color, perfection of form and in size. Only the finest and most productive sorts can in this day and time pay for standing room in the modern, up-to-date greenhouse.

I thank you for your attention.

THE PEOPLE'S FLOWER.

[A paper by H. W. Breitenstein, of Pittsburg, Pa., read before the American Carnation Society at the Pittsburg convention, January 26 and 27, 1910.]

Flowers are not more a luxury in modern life than are good clothes, comfortable homes and the many things in daily use that place living above an existence.

There is probably no normal human animal without an inherent tone of the beautiful, and this quality finds no commoner expression than in a fondness for flowers. The indulgence in this expression, it must be conceded, is primarily a matter of cost. He of limited means—and he is legion—must have value received, whether it be in color, for cheer in dull environment, or in fragrance, to stimulate the senses, being reminiscent of a happy yesterday or mayhap leading to anticipations of the morrow, and the influence is only for good.

Nevertheless, it must not be a "flower for a day." The carnation has been the people's flower. Its beauty and fragrance appeal to the senses, and its cost places it within the means of all having more than enough for the common necessities of life. Then there is also its hardiness, giving prolonged pleasures.

Is It Losing Its Popularity?

Mark well the assertion, "It has been the people's flower." Perhaps it still is, and maybe shall so remain; that, it seems, is "up to you."

From observation, it seems to lose in popularity. Why? Certainly not because it is less beautiful. What is the answer? Is it not because it becomes more and more ephemeral each year as it loses its hardihood, as well as its fragrance, and gains nothing in beauty?

Admitting that it grows larger, size alone is not beauty, and bulk at the sacrifice of natural charms does not hold the affection of the people. Might it not be well to consider what qualities are most essential to the pleasures of the consumer, without which all else would be in vain?

Color we have, and, from a decorative point of view, no flower offers more. If given the proper treatment, one can obtain from the most gorgeous to the softest tones; but now is perhaps the best time to make the one exception: We need yellow, now come to its own in popularity, and deservedly so, as no color diffuses more warmth, and nature uses it profusely.

The Need of Naturalness.

One essential feature to a more general use of the flower is naturalness.

One cannot obtain a very artistic arrangement without more natural environment; hence the obvious need of carnation foliage, with which the flower, for a table decoration (perhaps its greatest use other than for memorial purposes), would be incalculably enhanced. It would also be more effective for personal adornment and for favors. A full bouquet, with their warmth of color relieved by a touch of foliage, makes an adornment any lady would be pleased to accept and proud to wear.

Simplicity is the keynote of art. Be it in music, painting, sculpture, architecture or any other branch, its highest expression is faithfulness to Nature as she reveals herself.

Where are the monster chrysanthemums that were a fad some years since? They are replaced by the smaller and more natural ones, having more uses.

What rose has won favor more than the semi-single, fragrant, hardy ones? The American Beauty is a notable exception, not for the beauty of its color so much as for fragrance, and especially endurance.

A DOG SHOW WINDOW.

The accompanying illustration is reproduced from the photograph of the dog show week decoration in the window of W. J. Palmer & Son, Buffalo. The lady was borrowed from an adjoining dry goods store; the dog was made on a wire frame, and entirely of violets. The other features of the decoration were changed daily.



A Window Decoration for Dog Show Week.

BOSTON.

The Market.

Trade is inclined to sag a little now. With warmer weather, flowers are much more abundant, except in the case of roses, which are in moderate supply, most of the houses being off crop at present. Of Beauty, Killarney and Richmond there is no overplus; in fact, all roses, even the short-stemmed ones, are selling well. Carnations hang fire somewhat and are in heavier supply. Prices have, however, held up well so far. Violets are down in price, the bulk going now at 50 cents per hundred, with fancies at 75 cents. Sweet peas are improving and a good demand exists for them. Easter lilies are rather scarce and such as come in are easily disposed of. The same holds true of callas.

Cattleyas are now more abundant and softening somewhat in price. There has been an extra strong call for these during the present winter. Marguerites, both yellow and white, sell readily; so, also, do freesias, if of good quality. The variety Purity now holds the premier position in this market. Pansies, wallflowers, English primroses and sweet-scented yellow jonquils are more plentiful, and quite a few calendulas and bachelor's buttons are seen. Dutch bulbous stock is more abundant and lower in price. Golden Spur, in narcissi, and La Reine, among tulips, continue leaders. There is a particularly good call for asparagus and

other greenhouse greenery, also for boxwood, laurel and other evergreens.

Various Notes.

The following awards were made at the meeting of the Gardeners' and Florists' Club, January 18: Carnation Admiration from S. J. Reuter & Son, honorable mention; Carnation Sangamo, same exhibitors, received a vote of thanks; an excellent vase of Shasta came from Patten & Co. and was awarded a report of merit; Littlefield & Wyman, for a fine white seedling, received honorable mention, and they also had a fine vase of White Perfection. H. A. Stevens showed a vase of mixed carnations, also freesias. Daniel Whyte had excellent pans of Freesia Purity. Eber Holmes showed six vases of roses. From Duncan Finlayson came well grown plants of Cypripedium Marion Lascelle; insignes Chantinii, Sanderæ, Harefield Hall and Coulsonianum; Leeanum Clinkaberryanum and Lælia anceps alba, the two latter receiving cultural reports of merit.

The committees for the annual club banquet at Horticultural hall, January 27, are: Reception committee, J. P. A. Guerineau, chairman; P. J. Tailey, James Wheeler, G. W. Butterworth, Thomas Pegler and D. Finlayson; committee of arrangements, William Downs, J. K. M. L. Farquhar, Robert Cameron, Peter Fisher and Peter M. Miller; floor director, Peter M. Miller; assistant floor director, Joshua Lawson; aids, J. L. Miller, K. Finlayson, Edward Rose and Frank Murray. Hutchins' orchestra furnishes the dance music and Miss Pettigrew is on the program for several solos. The caterer is D. M. Shoosham, and the toastmaster W. J. Stewart.

At the Park Street Market January 22 a successful Aphine demonstration was held. There seemed to be a difficulty in securing an adequate collection of injurious plant pests, growers in this section evidently preferring to keep these in the background. M. C. Ebel, for the company, showed to the large number of growers, both private and commercial, who were in attendance that Aphine did all that was claimed for it. Mealy bug, various scales, aphis, etc., were severally treated with most satisfactory results. As a result of the demonstration, there will undoubtedly be a big boom in the sale of the new insecticide in and around the Hub.

At Horticultural hall, January 22, William Harvey, gardener to J. R. Leeson, showed some large and well grown specimen plants of Cypripedium Sallieri Hyeanum, Calanthe Veitchii, Cymbidium giganteum, Cypripedium Leeanum and Angræcum eburneum, which received a cultural certificate of merit and gratuity.

John W. Duncan, for a number of years assistant superintendent of the Boston park system and actively identified with all the horticultural interests of Boston and vicinity, leaves March 1 to accept a park superintendency in a large and rapidly growing western city. Mr. Duncan will be much missed in Boston. He was recently elected president of the Gardeners' and Florists' Club, having previously filled other important offices. He is also a member of the vegetable committee of the Massachusetts Horticultural Society and ex-president of the American Park Superintendents' Association.

J. A. Peterson, of Cincinnati, was one of our visitors last week, with plants of his fine new begonia, Gloire de Cincinnati, which has jumped at once into public favor. C. H. Totty, of Madison, N. J., was also a recent visitor to many of the local growers, lecturing also before the North Shore Horticultural Society on "Chrysanthemums," January 21. Other visitors included T. Mellstrom, St. Albans, England; Daniel Hay, Waverly, Pa., and M. B. Faxon, Brooklyn, N. Y.

The local delegation to the Pittsburg carnation convention was much smaller than usual. Among those leaving January 24 were M. A. Patten, William Nicholson, William Sim, E. A. Peirce and L. J. Reuter.

William Sim will commence cutting sweet peas next week, of which he has an immense crop coming in. His violets are doing superbly. Large quantities of tomatoes are being raised to follow the violets.

At Horticultural hall, January 22, A. D. Taylor, of Ithaca, N. Y., delivered an entertaining stereopticon lecture on "Continental Types of Landscape Gardening." Those from Italy and France were chiefly referred to, a few in Austria and Switzerland also being illustrated.

Carnation night at the Gardeners' and Florists' Club will occur February 15. S. J. Goddard will open the discussion. Quite a number of novelties are already promised and growers at a distance, if unable to attend, are invited to forward flowers, express paid, to Horticultural hall, 300 Massachusetts avenue, Boston, where they will be well cared for.

Thomas Pegler keeps a fine vase of Carnation Bon Ami, George E. Buxton's new white bread-and-butter variety, at Park Street Market, and it attracts lots of favorable attention.

White Perfection, Viola Sinclair and the various Enchantresses from Littlefield & Wyman are among the best coming into the market at present. The firm has also a promising white seedling.

President Weld has appointed Robert Cameron, J. A. Pettigrew and W. N. Craig a committee to represent the Massachusetts Horticultural Society in connection with the coming national flower show in 1911.

William A. Hastings is handling Enchantress carnations from Johnson & Neilson, Framingham, as fine as we have ever seen. These are grown in solid beds and have remarkable stems.

William H. Elliott's son is ill with appendicitis, necessitating an operation January 27. We hope for his speedy convalescence.

A. A. Reed, of Whitman, is bringing in some good Cattleya Trianæ at present.

We are pleased to see Thomas J. Gray around again, after some days' confinement to the house. His firm is doing a fine trade in cold storage valley this season, having quadrupled the orders of a year ago.

Philip L. Carbone's flower store on Boylston street is always well worthy of inspection. Just now it has a spring-like appearance, with branches of prunus and other forced shrubs.

W. W. Rawson & Co. are experiencing an extra heavy call for dahlia tubers, and seed mail orders are arriving in much greater volume than a year ago.

W. N. CRAIG.

THE CORPORATION TAX.

If there is any commendable feature of the new national tax on the incomes of corporations, it has not yet been pointed out to the REVIEW. The law is especially unfair to those corporations engaged in the horticultural trades, for all of these are small, their affairs of no public concern, and practically partnerships—but neither partners nor individuals are subject to the tax. It is not so much the money involved in the tax as it is the annoyance of the multiplication of taxation, the bother of studying out the involved meanings of the law, regulations and blanks, the possibility of making public one's business secrets and the penalty which might attach to a statement which contained errors.

Here is one of the questions raised by the law, submitted to the REVIEW by the treasurer of one Illinois corporation operating 125,000 feet of glass:

"On the blank forms sent out by the internal revenue collector for statements of corporations as to their net income, there is an item for deduction, headed: 'Depreciation from January 1 to December 31.' In your estimation, what would be a fair percentage to figure on greenhouse property? I would be interested to hear the opinions of my brother florists on this point. For our own protection, it seems that we ought all to charge off about the same percentage, or some of us may get called on the carpet to explain."

The REVIEW will be glad to publish replies.

MISCELLANEOUS STOCK.

Enclosed you will find a leaf of azalea, Camellia Japonica and jasmine. From these can you give any reasons for their dying off, as you see they do? I find in the soil of the flower pots a worm. It is about two or three inches long, and is quite thin. It is of a light reddish color. Is it harmful to the plants? If so, could you suggest some remedy? I also find that all the begonias I have die off just like the leaves I send. Can you also tell me, if I were to send for flowers in the winter time, whether they would get here without freezing? I am located in North Dakota. L. C. A.

Without knowing more of your conditions and cultural methods, it is difficult to answer your queries, except somewhat vaguely. Dryness at the root, too much water, poor drainage, too much or too little heat, lack of ventilation and other causes are any one of them sufficient to produce the troubles you refer to. The plants named, if carefully watered, ventilated on all possible occasions and treated with a reasonable amount of care, should not drop their leaves as yours are doing.

The presence of a few earthworms in the pots should not suffice to cause a general falling off of the foliage. They will choke the drainage and cause sour root conditions, but can easily be destroyed by watering with lime water. Slake a piece of stone lime, draw off the clear liquid and apply to the pots which are in a wormy state.

Cut flowers are sent daily long distances, often 1,000 miles, and frozen shipments are rather rare. If you purchase from any one of the many firms advertising in the REVIEW, they will pack them so that they will arrive in good condition, even in North Dakota.

C. W.

NEW YORK, N. Y.—George E. Dickinson, the New York representative of Edward T. Dickinson, the nurseryman at Chatenay, France, is sending to his patrons an attractive calendar, containing some useful postal information and some blank leaves for memoranda.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
THE REVIEW brings results.

THE shortage of roses is general throughout the west.

IT is getting to be always a feast or a famine in most of the big cut flower markets.

THE fourth annual convention of the Illinois State Florists' Association will be held at Champaign-Urbana, February 15 and 16. C. E. Gullett, of Lincoln, president of the association, states that complete programs will be ready to mail to the florists of the state in a few days.

THE CARNATION LASS.

The little lady with the barrow-load of carnations on the front cover of this issue of the REVIEW is Alma Lorch, daughter of A. T. Lorch. The picture was supplied by George F. Hofmeister. Mr. Lorch and Mr. Hofmeister are the members of the firm of A. T. Lorch & Co., carnation growers at Allison Park, Pa., where many visiting growers received a hospitable welcome this week.

OBITUARY.

Joseph A. Dirwanger.

Joseph Anton Dirwanger, who was at one time among the leading florists of Portland, Me., but who had been laid aside by illness for a number of years, died January 14, at his home, 145 High street, Portland, from a complication of disorders which had sorely afflicted him for a long time.

Mr. Dirwanger was born in Bavaria, Germany, eighty-three years ago and learned the trade of a florist in the royal gardens of the king at Bavaria, then a separate country. He came to America in 1851 and was first employed as private gardener by John M. Wood, of Portland. On closing this engagement, Mr. Dirwanger went into business for himself, with greenhouses in the rear of the old Dow mansion at 717 Congress street. He was located there for a long time, nearly forty years in all, and was highly successful. Of late years, since age and infirmity grew upon him, he had withdrawn from business entirely, and for a considerable period he had been almost a helpless invalid.

He is survived by his widow and several children, including Miss Elizabeth Dirwanger, Mrs. George N. Coyle, Mrs. J. E. Richards, all of Portland, and a son, Joseph A. Dirwanger, Jr., whose home is in California. He is also survived by his brother, Albert, who has also been a florist in Portland for many years.

John J. Kuratle.

John J. Kuratle, of 1613 Franklin street, Wilmington, Del., died at his home January 14, after a year's illness, as the result of a cancer. Mr. Kuratle was 51 years of age and was one of the best known florists of his city.

He was born in Switzerland and came to this country in 1883 and located at Edge Moor. Later he removed to Wilmington, where he had lived for the last fourteen years. He is survived by his wife and three children, Eleanor, Richard and Henry Kuratle.

George Milne.

George Milne, a well known florist of Winchester, Mass., died recently at his home in that city and the funeral took place Thursday, January 13. Mr. Milne was formerly in business at Marlboro, Mass.

Richard Shannon.

Richard Shannon, long a prominent florist of Greene avenue, and of Parkway avenue, Brooklyn, N. Y., died at his home, 172a Clifton place, Sunday, January 16. He was born in Ireland in 1837, and had been a resident of Brooklyn for nearly fifty years. He was a member of Hill Grove Lodge, F. & A. M.; Evening Star Chapter, R. A. M.; Clinton Commandery, K. T.; the Brooklyn Masonic Veterans; the Aurora Grata Bodies of the Scottish Rite, of Brooklyn, and Kismet Temple, of the Mystic Shrine, in all of which he was prominent and popular. He was also a member of the Unqua Corinthian Yacht Club, of Amityville, L. I. He leaves a widow, Margaret, and six children.

John Pugh Burn.

The funeral of John Pugh Burn, aged 49 years, took place at Philadelphia, Pa., Wednesday, January 19. Mr. Burn was a well-known member of the firm of Thomas Meehan's Sons, florists, of Germantown, and died suddenly January 14, of acute indigestion while riding on a train near Columbia, S. C. On the train with Mr. Burn were his wife, son and daughter and Boyd Lanning, a friend. Mr. Burn was destined for Melbourne, S. C., where he owned property. A physician on the train was summoned, but Mr. Burn died before he could be taken to a hospital, having burst a blood-vessel. He was a son-in-law of Thomas Meehan and resided at Chew and Phil-Ellena streets, Germantown.

George P. Bloomer.

George P. Bloomer, of Bellmore, L. I., was making his way through the storm of January 14, when he became exhausted and died on the veranda of a hotel. He was 82 years old. For many years Mr. Bloomer lived at Herkimer and Sackman streets, Brooklyn. He was a builder and had been prominent in politics in the East New York section. For some years he had been in business as a florist at Bellmore.

CHICAGO.

The Great Central Market.

Business was extremely good last week, at least extremely good by comparison with the supply of roses. It was not possible to fill all orders in this department. The way the orders poured in by mail and wire indicated that the shortage in rose crops was general from the Alleghenies to the Rockies, and between the shipping demand and the needs of local buyers prices advanced rather sharply. Beauties, which have been more nearly equal to the call than other roses, advanced rather more abruptly than did anything else. Orders for white roses were most difficult to fill. The largest part of the demand was for short stock, and the price on this grade went up to where the local buyers refused to pay it and resorted to other flowers. The

VIOLETS

We Handle the Cream of the Crops

In Large Supply for St. Valentine's Day

Last year every retailer who had our Violets did a big Valentine's business, and we expect a fine trade again this year. No one can do better than we can, either on Fancy Hudson River Doubles or Fragrant Home-grown Singles. Better write us at once for prices on the quantity you need and INSURE yourself by placing your order with us now.

Carnations

You will find our Carnations splendid stock—the best varieties in each color—and the quantity sufficient to take care of the largest orders. We want to hear from large users of Carnations who have not previously bought of us. We can make it interesting for all such—not the cheapest, but the best Carnations on this market, and the largest supply.

Killarney and Richmond

Rose crops are light at present, but we still have a splendid supply of Killarney and Richmond finest extra special grade, but the bulk of the cut is the special and select lengths, the grades all stores use in greatest quantity. No better roses anywhere, whatever length you need.

Beauties

Beauty crops are light just now, but our supply is fair, fine quality, and we are filling our orders in good shape.

Sweet Peas

Large quantities of long-stemmed fancy Sweet Peas, white, pink and lavender. Last year we did an enormous business because of the quality and quantity of our Peas. They will be as good and as plentiful this season and as popular, judging from the way the buyers are taking hold. Let us put some on your next order.

Miscellaneous Stock

Jonquils, plenty of Easter Lilies, Callas, Freesias, Mignonette, Paper Whites, Romans and Tulips, white, yellow and Proserpine. Green goods of every kind; finest Fancy Ferns.

Fancy Valley Always on Hand

We handle the **"Chicago Market Brand"** exclusively. From the recognized leading commercial grower of Valley in the west. Many leading stores will use no other. We can supply any quantity.

PRICE LIST

AMERICAN BEAUTY	Per doz.
Long stems	$6 00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
	Per 100
Killarney, special	$15 00
" select	$10.00 to 12.00
" seconds	6.00 to 8.00
Richmond, special	12.00 to 15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Maid and Bride, special	12.00 to 15 00
" " select	8.00 to 10 00
" " seconds	5.00 to 6.00
Mrs. Field	4 00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common and split	1.50 to 2.00
Select, large and fancy	3.00 to 4.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	.75 to 1.00
" " single	.75
Sweet Peas, fancy	1.50
" " medium	1.00
" " short	.50 to .75
Jonquils	5.00
Tulips	3.00 to 4.00
Valley	3.00 to 4.00
Easter Lilies per doz., $2.00	15.00
Callas " 2.00	
Mignonette, per doz., 50c to 75c	
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax per doz., $2.00	15.00
Ferns per 1000, 2.00	.25
Galax, bronze " 1.00	.15
" green " 1.00	.15
Leucothoe	.75
Mexican Ivy per 1000, $9.00; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

CARNATIONS

We have them whenever you want them. No reason why you shouldn't buy of us. Call, phone, write or wire today.

Headquarters for Boxwood and all other Greens

John Kruchten, 51 Wabash Ave., **Chicago**

L. D. Phone Central 6269 **Wholesale Commission Florist**

Mention The Review when you write

medium lengths of roses were in greater demand than the extra long grades, but there was a sale for everything in the rose line at good prices.

Early last week the call for carnations was so good that prices became exceedingly stiff, but it appeared that the growers only had been waiting for word that carnations were in request, for after a couple of days the receipts increased so rapidly that prices receded to a point where they were nothing else than weak. On the whole, the average prices of carnations throughout the week were not higher than ordinary, for the setback fully counterbalanced the increase during the few days of scarcity.

This week opens with the rose situation changed but little. There are slightly larger receipts, but the difference is more apparent through the slackening of demand; there is a distinct limit of prices; and when prices are forced too high it shuts off buying. Carnations are abundant. Though the prices are considerably below those of the early days of last week, they are not lower than usually have prevailed at this date; indeed, the carnation market can be called seasonable. McKinley day, January 29, has been ignored as a factor in the carnation market, because it always has been a disappointment when any effort was made to push it; growers held back stock, created an impression of shortage, then flooded the market, and everybody was dissatisfied, grower, commission-man and retailer. But a number of houses have some good orders booked for shipping January 27 and 28. It looks as though McKinley day might easily be developed if growers would let the wholesalers push for business at moderate prices.

There are considerably more tulips than heretofore, mostly white, but they are selling slowly. Paper Whites enjoyed a boom last week during the shortage of other stock. Prices did not go above quoted rates, but there was brisk business. Callas, Harrisii and valley also shared in the demand. Violets had a bad week; fair business in the first half and a heavy overstock the latter part.

The green goods market is steady, but there is a shortage of asparagus in bunches. Little of this useful article is now grown locally, the bulk of the supplies coming from Florida.

Various Notes.

A. L. Randall calls attention to the great increase that is shown in the shipment of violets from this market. Only two or three years ago practically all the violets received in this market were sold locally, but now a large part, possibly half, are shipped to out-of-town buyers. Mr. Randall looks for an extremely large volume of violet business for Valentine's day, but no fancy prices.

The funeral of John Farson last week called for one of the largest displays of flowers ever seen in this vicinity. All the leading retailers had a share in the work.

The Workers' Magazine in last Sunday's Tribune had an article, "Flowers Grown by Electricity," credited to Leonard Kill. It was descriptive of experiments said to have been conducted at Peter Reinberg's establishments.

The West Park Board seems to think that separation from Jens Jensen will be painless if it is gradual. From general superintendent he was promoted to be consulting landscape architect, with a salary of $2,400 per year. Now his salary has been fixed at $1,000, with special pay for special services.

E. C. Amling says he deplores any such sudden boost as carnation prices received at the first of last week, when orders were coming in freely. He says the result of such an advance always is that when the buyers receive their shipments and find what prices are charged they at once stop ordering, and the market reacts to a point where both growers and commission-men are losers, even the retailer being out of pocket because he does not have the stock to do business with.

The stockholders of the Flower Growers' Market corporation held their postponed annual meeting January 21 and elected directors as follows: Alex. Henderson, Walter Tonner, Hertha Tonner, John Sinner and Frank Beu.

Wietor Bros. are preparing to rebuild eleven of their houses, each 265 feet long. This section contains the only wood-gutter houses there now are on the place. After the rebuilding is completed the entire establishment will be built on Garland's iron gutter.

F. C. Struvy says that for twelve years he has conducted his two flower stores on a strictly cash basis. Purchases are

An Aphine Test on Roses

"THE LINDENS" GREENHOUSES
A. H. & W. S. SCHULTZ

Killarney, The Bride, Bridesmaid.

261-273 Rosedale Avenue
Telephone 19-R

MADISON, N. J., January 20, 1910.

APHINE MFG. CO., Madison, N. J.

Dear Sirs:—Having just made comparative tests between Aphine and fumigation for our own information and benefit, we think you will be interested in the results.

For Green Fly on our rose plants we used Aphine as directed, 1 to 40, applying with an auto spray; choosing sunny days and using a fine spray. We carefully sprayed the plants early in the morning. In a few minutes the fly began to drop and later when we syringed with the hose we found the plants well rid of fly. In addition we found no discolored buds as in fumigating, but what attracted our attention, the foliage seemed to be improved and invigorated.

From a financial standpoint it costs us $3.00 and $4.00 to fumigate 2000 lineal feet of rose houses each time, whereas we would use only a half gallon of Aphine for the same purpose.

The results have shown us that Aphine is higher in efficiency and lower in cost than fumigation.

Yours very truly,
A. H. & W. S. SCHULTZ.

The manufacturers of Aphine guarantee a uniform product at all times, and (if used strictly according to directions), that it will do all that is claimed for it and more.

$2.50 per gallon.

Aphine Manufacturing Co., Madison, N. J.

If your supply house does not yet handle **APHINE**, write us for names of our nearest selling agents.

Mention The Review when you write.

White Lilac

We now have a large and steady supply of fancy White Lilac, the finest flower of the season. $1.50 per bunch.

Carnations

Again in large supply and at moderate prices. Write us for special quotations on big lots. Can supply good stock in quantity.

Orchids

Special fine Cattleyas, $6.00 to $9 00 per doz. Also Dendrobium Formosum and all other seasonable varieties.

Valley in Large Supply—Good stock, $3.00 to $4.00 per 100; special fancy Valley, $5.00 per 100.

Killarneys, Beauties, Lilies, Violets, Freesia, Mignonette, Bulb Stock, Greens

Can furnish all staple stock in best quality and large quantity

Time to think about St. Valentine's Day Violets and other Flowers

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.

made for cash and sales are for cash, no books except the bank book being required.

John Kruchten's business is growing to the extent that he plans to take on more help and enlarge his facilities.

John Zech predicts that the scramble for roses will continue for at least two weeks, unless the demand falls off because of the higher prices which the shortage necessitated. He says the cause of the shortage is that all the growers forced their crops for Christmas without thought of the following weeks.

The store formerly occupied by the Benthey-Coatsworth Co. has been leased from May 1 to an office supply concern, so that flowers will no longer be handled there.

C. M. Dickinson, of E. H. Hunt's, was in Springfield for a couple of days last week.

E. F. Kurowski, president of the John C. Moninger Co., recently was at Geneva, N. Y., to attend the annual convention of the salesmen and territorial managers of the Herendeen Mfg. Co., makers of the Furman boilers, for which the Moninger Co. is agent for the greenhouse trade. Mr. Kurowski was much impressed by boiler tests he saw in progress there.

The E. F. Winterson Co. last week received a solid carload of canna roots from Arthur T. Boddington, New York. The pile of boxes, each containing 250 roots, makes an imposing showing.

Frank Pasternick says the Wienhoeber force is being kept busy with table work.

Kyle & Foerster have put in an extension telephone to the order desk, thereby saving many steps each day.

The Illinois Heater & Mfg. Co. manufactures self-watering window boxes, flower pots, etc., and has recently opened a branch at 717 Market street, San Francisco, Cal., with a full line of stock to take care of their Pacific coast trade. This firm recently shipped a carload of these goods to the Conard & Jones Co., West Grove, Pa., who are the distributing agents for New York, New Jersey, and Pennsylvania.

Vaughan & Sperry report that many growers of daffodils are meeting with disappointment, an extremely large proportion of the stock coming blind.

Mr. Fink, of Kennicott Bros. Co., was on the sick list last week. The Kennicott corporation had its annual meeting January 22.

Poehlmann Bros. Co. has placed an order with the Moninger Co. for the roof material for five more 350-foot houses, the glass for which was bought of the Pittsburgh Plate Glass Co. some weeks ago.

Joseph Ziska is negotiating for the sale of the Libertyville plant of the Chicago Rose Co., with the intention of devoting all his attention to wire work.

Bassett & Washburn supplied the Hinsdale waterworks with coal for ten days during the famine.

Carl Thomas was on the sick list all last week.

Henry Wensel, of Anglen, Mo., is in town this week buying material for three houses to be erected by Wensel & Hecht, who recently have purchased the establishment of George Hecht.

J. A. Valentine, Denver, spent a couple of days in town this week on his way to Pittsburg to the carnation convention.

Martin Reukauf, of Bayersdorfer & Co., is in town.

Among last week's visitors were John C. Irvine, of John Irvine & Sons, Bay

CARNATIONS

Well, you know the grade grown around Milwaukee; if not, try a shipment.

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
VIOLETS, only Wisconsin grown. They have a violet odor. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write

City, Mich., who is department commander of the Spanish War Veterans and was attending a meeting of the order; C. L. W. Snyder, of the El Paso Carnation Co., El Paso, Ill.

Adam Graham, of Cleveland, one of the ex-presidents of the S. A. F., was in town last week on his way to Japan.

C. B. Knickman, of McHutchison & Co., New York, was here last week.

Bowling.

In the Florists' League the Violets now lead by six games. Here are the scores made January 20:

Roses.	1st	2d	3d	Orchids.	1st	2d	3d
Goerisch	152	149	145	Huebner	147	136	152
Lorimer	131	126	112	Graff	151	181	144
Johnson	149	154	127	Vogel	163	138	100
Pieser	119	152	101	Asmus	158	149	174
Wolf	102	196	115	J. Zech	133	158	163
Totals	653	777	600	Totals	752	762	733
Violets.	**1st**	**2d**	**3d**	**Carnations.**	**1st**	**2d**	**3d**
Bergman	139	182	178	Ayers	139	176	156
Johnson	170	162	168	Pasternick	143	144	172
Kruchten	135	116	138	Krauss	128	168	123
Lieberman	174	153	116	Farley	158	161	115
Yarnall	146	162	201	A. Zech	166	138	141
Totals	764	775	801	Totals	734	787	707

PROVIDENCE.

The Market.

Business since the first of the year has been quite satisfactory, and with several firms has been in excess of last year. Cloudy weather, following the several days of storms, had the effect of somewhat curtailing the supply, but there was no actual scarcity. Funeral work has been heavy, which, combined with numerous parties, receptions and other social functions, has kept the florists on the move, and stock of all kinds is practically cleaned up daily.

Carnations and roses continue in good demand and prices range about normal. Violets are plentiful and, notwithstanding the cut rates by department and drug stores, prices are normal. Bulbous stock is beginning to come in, yellow daffodils and tulips moving well at $3 to $4 per hundred. Stevia, narcissi, peas, valley and white hyacinths are in good supply. Potted flowering azaleas are about the only thing that is too scarce to meet the demand.

WESTERN

ORCHIDS

Chas. W. McKellar 51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, January 31, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to $ 7.50
Laelia alba, white	"	6.00
Dendrobium Formosum, white,	"	6.00
Cypripediums, green, per 100, $15.00	"	2.00
Assorted, selected flowers	Per box,	$5.00 to 25.00
Gardenias	Per doz.,	2.00 to 4.00
AMERICAN BEAUTY—Specials	"	5.00 to 6.00
30 to 36-in	"	3.00 to 4.00
20 to 24-in	"	2.00 to 2.50
15 to 18-in	"	1.25 to 1.50
Shorter	"	.75 to 1.00
Killarney, special	Per 100	12.00 to 15.00
" select	"	8.00 to 10.00
" seconds	"	5.00 to 6.00
My Maryland, special	"	10.00 to 12.00
" select	"	8.00
" seconds	"	5.00 to 6.00
Richmond, special	"	10.00 to 12.00
" select	"	8.00
" seconds	"	5.00 to 6.00
Mrs. Field	"	5.00 to 12.00
Bridesmaid	"	5.00 to 12.00
Bride	"	5.00 to 12.00
ROSES, our selection, mixed	"	5.00
CARNATIONS		
Select	Per 100,	$2.00
Fancy	"	$3.00 to 4.00
MISCELLANEOUS STOCK		
Violets, double	Per 100,	.75 to 1.00
" single	"	.75 to 1.00
Valley	"	3.00 to 4.00
Easter Lilies	Per doz., $2.00	" 15.00
Callas	" 2.00	" 15.00
Sweet Peas		" 1.00
Bouvardia		" 4.00 to 6.00
Paper Whites and Romans		" 3.00
Jonquils		" 3.00 to 4.00
Tulips		" 3.00 to 4.00
Stevia		" 1.50
Mignonette		" 4.00 to 8.00
Freesia		" 3.00 to 4.00
DECORATIVE		
Asparagus Plumosus	Per string,	.50 to .60
"	Per bunch,	.35 to .75
" Sprengeri	"	.35 to .75
Adiantum	Per 100,	.75 to 1.00
Farleyense	"	10.00
Smilax	Per doz., $1.50	
Mexican Ivy	"	1.00
Ferns	Per 1000, 2.00	" .25
Galax, green and bronze	Per 1000,	1.00
" " "	Case 10,000,	7.50
Leucothoe	Per 100,	.75
" bronze	"	1.00
Wild Smilax	Large cases,	5.00
Boxwood	Per bunch, 25c; per 100 lbs.,	15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Club Banquet.

The fourteenth annual banquet of the Florists' and Gardeners' Club of Rhode Island was held Monday evening, January 17, in the private dining room of the Westminster hotel, and was the most successful and enjoyable in the history of the organization. During the evening the newly elected officers were installed, and the retiring president, Charles S. Macnair, was presented with a gold fountain pen. There were about fifty members and guests at the tables, and a roast turkey dinner, with accessories, was served.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

CARNATIONS

Are in good crop and quality of the highest--none better can be grown

Fancy Roses

Our Roses are fancy quality, no matter what the length of stem--the best Roses that can be produced. If you want something out of the ordinary, order our "extra special" grade. Nothing like them on this market.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$6.00
36 inch	5.00
30-inch	3.00
24-inch	2 50
18 to 20-inch	2.00
15-inch	1.50
Short stem	1.00

ROSES		Per 100
Maid, Bride, Perle, select		$12.00
" " " long		10.00
" " " medium		8.00
" " " short		6.00
My Maryland, extra select		15 00
" long		12.00
" medium	$8.00 to	10.00
" short		6.00
Richmond, Killarney, W. Killarney ....select		15.00
" " " long		12.00
" " " medium	8.00 to	10.00
" " " good short		6.00
Good short stem Roses		6.00

Our Extra Special grade of Roses charged accordingly.

CARNATIONS		Per 100
Extra fancy		$ 4.00
First quality		3.00
Splits		2.00
HARRISII		20.00
TULIPS		4 00
NARCISSUS PAPER WHITE		3.00
SWEET PEAS	$0.75 to	1.00
VALLEY	3.00 to	4.00
VIOLETS	.75 to	1.00
MIGNONETTE, large spikes		6.00
FREESIA		4.00
ADIANTUM		1.00
ADIANTUM CROWEANUM, fancy		1.50
SMILAX	per doz., $2.00	
SPRENGERI, PLUMOSUS SPRAYS		3.00
PLUMOSUS STRINGS	each, 60c	
FERNS	per 1000, $2.00	
GALAX	" 1.00	
LEUCOTHOE	" 7.50	1.00
Wild Smilax	per case 5.00	

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

After the dinner Michael J. Sweeney, of this city, was introduced as toastmaster. His introductions of the several speakers were original and witty. Responses to his call were made by ex-Presidents William Appleton, James B. Canning, William Chappell, Alex Macrae, James Hockey and Joseph F. Schellinger, and by William S. Pino, Dr. Holland, H. Howard Pepper, Owen McManus, Cornelius G. Hartstra, Eugene Appleton and William H. Mason. Others present included Joseph Kopelman, Charles H. Hunt, Edward Brooks, Eugene McCarron, Frank Collins, Joseph Appleton, William Dillon, Edward Forbes and John Roth. The addresses were interspersed with barytone selections by William P. Lynch, tenor selections by William R. Warburton and piano selections by Raymond P. Tully.

Prof. H. J. Wheeler, of the Rhode Island College and Agricultural Experiment Station, referred to his recent trip across the continent and his visit to the home of Luther Burbank. He contrasted the conditions in the west with those in New England and prophesied that this section of the country had a greater future before it, agriculturally and horticulturally, than any other.

The new officers of the club are: President, Robert Johnson; vice-president, Eugene Appleton; secretary, William E. Chappell; treasurer, William Hill; anniversary banquet committee, Eugene Appleton, Alex Macrae and Harry Clark.

Horticultural Society.

Edwin H. Burlingame was reëlected president of the Rhode Island Horticultural Society at its annual meeting, held Wednesday evening, January 19, with a large number of members in attendance. The other officers elected were as follows: Vice-presidents, Col. Robert H. I. Goddard, Senator G. P. Wetmore, Thomas Hope, Prof. H. J. Wheeler, Rev. George

Cuts Increasing

Supplies are on the up-grade—we've got the goods to fill your orders, large or small. Some of

The Best Roses and Carnations

ever offered in this market. Give us a share of your orders and we will show you why it is to your interest to get all your stock of us.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

	Per doz.
BEAUTIES	
30 to 36-inch	$3.00 to $5.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00
ROSES (Teas)	**Per 100**
Bride and Maid	$6.00 to $10.00
Richmond, Killarney	6.00 to 12.00
White Killarney	6.00 to 12.00
My Maryland	6.00 to 12.00
Perle	5.00 to 8.00
Roses, our selection	4.00
CARNATIONS, medium	2.00
" fancy	3.00
" extra fancy	4.00
MISCELLANEOUS	
Harrisii Lilies	15.00
Valley	3.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00
Romans	3.00
Jonquils	4.00
Mignonette	4.00 to 8.00
Sweet Peas	.75 to 1.00
Callas	15.00
GREENS	
Smilax Strings, per doz.,	1.50 to 2.00
Asparagus Strings, each,	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35 to .50
Adiantum, per 100,	.75 to 1.00
Ferns, Common, per 1000,	2.00
Galax, "	1.00
Leucothoe	.75
Boxwood, lb., 25c	
Wild Smilax	$2.50, $3.50 and 4.50

SUBJECT TO MARKET CHANGE.

W. Kent, Jacob Swarts and William Appleton; secretary, Charles W. Smith; treasurer, Richard M. Bowen; librarian, Miss Addie F. Holland; botanist, Prof. W. W. Bailey; trustees, John G. Massie, Joseph E. C. Farnham, Henry F. Manchester and Charles W. Bayer. Exhibition committee, Dr. H. W. Heaton, of Olneyville; Thomas K. Winsor, of Greenville; Frederick C. Green, of Providence; Miss Addie F. Holland, of Providence; L. S. K. Clarner, of Arnold's Mills, and Joshua Vose, of Pontiac. Lecture committee, Thomas Hope, Prof. A. E. Stene and Prof. J. Franklin Collins.

Prof. A. E. Stene was appointed by the society to coöperate with the legislative committee of the Rhode Island State Grange in its effort to secure legislation providing for the inspection of seed.

Besides the election of officers, the principal business transacted was the reading of the officers' reports. That of the secretary was a recital of the work done by the society during the year. According to the treasurer's report, the total receipts of the society during the last year were $1,437.46, including $1,000 received from the state for premiums. The expenses amounted to $1,396.27, leaving a balance of $41.19. The permanent funds of the Horticultural Society are as follows: B. A. Holbrook fund, $1,000; Mrs. B. A. Holbrook fund, $1,000; Charles W. Smith fund, $100; life membership fund, $566; a total of $2,666.

Various Notes.

S. J. Reuter, of Westerly, has completed the filling of his ice houses at White Rock, where he has a sufficient quantity of ice to carry him through the coming summer.

George W. Williams, of the W. E. Barrett Co., has been reëlected a director of the Warwick Club, of which he is the oldest member, and for years he has been its vice-president.

H. Howard Pepper, of the Melrose Garden Co., of this city, received 2,000 rose bushes last week for outdoor propagation during the coming summer.

Joseph Reynolds, with T. J. Johnston & Co., who has been in the Rhode Island hospital since last October with a broken arm and blood poison, is improving and expects to be discharged in a short time.

Charles H. Hunt recently completed two hotbeds, 12x12 and 12x36, in which he will force bulbs. He already has about 20,000 bulbs potted for Easter.

Harry P. Clark was unable to attend the Florists' Club banquet last Monday evening, because of a family occurrence. He has since been passing out cigars on the increase in his family circle.

Mr. Pierson, of Cromwell, Conn., was in town January 15, calling upon the members of the trade.

Lawrence Hay was one of the guests at the annual banquet of the East Providence Business Men's Association on Monday evening, January 17.

W. H. M.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.

New Reduced Price List



To fit	Per doz.	100
4-in. pots	$1.00	$ 7.00
5-in. pots	1.10	8.00
6-in. pots	1.20	9.00
7-in. pots	1.35	10.00
8-in. pots	1.60	12.00
9-in. pots	1.85	14.00
10-in. pots	2.10	16.00
12-in. pots	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.

W. H. GREVER, Manager

146 Hughes Avenue, BUFFALO, N. Y.

Mention The Review when you write.

ST. LOUIS.

The Market.

Business seems to have its usual activity at this time of the year and, from reports of both retailers and wholesalers, last week was an exceptionally good one in all lines. The downtown florists had plenty to do for funerals and the uptown florists had a great deal of social work.

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
36-inch stems	5.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride, fancy	$8.00 to $12.00
" good	6.00
Bridesmaid, fancy	8.00 to 10.00
" good	5.00 to 6.00
Killarney, extra fancy	12.00
" fancy	8.00 to 10.00
" good	5.00 to 6.00
White Killarney, fancy	10.00 to 12.00
" " good	6.00 to 8.00
Mrs. Jardine, extra fancy	12.00
" fancy	8.00 to 10.00
" good	6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	5.00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	5.00 to 6.00
Perle	10.00
Roses, our selection	6.00
CARNATIONS, fancy	3.00
" good	2.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies...per doz., $2.00	
Sprengeri, bunch, $0.50 to 0.75	
Ferns.... per 1000, 2.00	
Galax.... " 1.00 to 1.50	

All other stock at lowest market rates.
No charge for packing.
Prices subject to change without notice.

Mention The Review when you write.

The weather was of the best, not cold, but nice, mild, clear weather nearly all the week. At the wholesale houses stock was

Carnations

We have the stock—any color, any grade, any quantity. No order we can't fill.

Beauties

Beauties are one of our specialties. We can please you on every shipment.

Send along your orders for St. Valentine's Day Violets.

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

Price List

	Per doz.
AMERICAN BEAUTY	
36 to 40-inch stem	$5.00 to $6.00
24 to 30-inch stem	3.00 to 4.00
18 to 20-inch stem	1.50 to 2.50
12 to 15-inch stem	1.00 to 1.25
Short stem	.75
	Per 100
Bride	$6.00 to $15.00
Bridesmaid	6.00 to 12.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
Richmond	6.00 to 12.00
ROSES, our selection	5.00
Carnations, good	2.00
" fancy	3.00
Violets	.75 to 1.00
Valley	3.00 to 5.00
Harrisii Lilies	per doz., $2.00
Callas	" 2.00
Tulips	3.00 to 4.00
Jonquils	4.00
Freesia	3.00
Sweet Peas	1.00
Asparagus	per string, .50
" Sprengeri,	per bunch, .35 to .50
" Plumosus	" .50 to .75
Galax	per 1000, $1.00; .15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax	per doz., $2.00
Fancy Ferns	per 1000 2.00 .25
Boxwood	50 lb. case, 7 50
Wild Smilax	50 lb., 5.00

Prices subject to market changes.

Mention The Review when you write.

Easter Lilies

We are cutting now an average of 1000 Lilies per day. Very choice stock, large flowers, long stems and fine foliage. They are the best flowers in the market and are in great demand during this severe shortage of Beauties and Roses. We are selling them at $15.00 per 100 or $2.00 per doz. Buy direct of the grower and get fresh stock.

American Beauties, Roses, Fancy Carnations, Tulips, Daffodils, Valley, Easter Lilies and Greens.

Write us for our Weekly Price List. We keep you posted on the market.

BASSETT & WASHBURN,

Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. Chicago

Mention The Review when you write.

quite plentiful and they say that stock cleaned up nicely all last week.

Roses have been scarce, and will be for some time, as all the shippers to this market, as well as the local growers, are off crop. All the Kirkwood growers have had a big supply of carnations and violets, and the chances are that a glut is on for this week in these. January 24 the market was oversupplied with these, many more in evidence than the demand called for. There are also too many Paper Whites, as well as Romans. Harrisii and callas are coming in freely. Sweet peas seem to have a good call, but there is a good supply in pink, white and lavender. Wild smilax is selling well, also all other greens.

Various Notes.

L. A. Gieger, who is running the old stand of Michel Plant & Bulb Co., on Maryland avenue, says he is well satisfied with the business now being done.

Among those of our suburban florists who called last week were J. F. Ammann, Edwardsville; Henry Johann, Collinsville, and Adolph Fehr, Belleville. All were much pleased with the business since the first of the year.

Miss Mathilda Meinhardt left for Fort Wayne, Ind., last week on a visit to Mrs. W. J. Vesey. Miss Meinhardt will spend about two weeks at Fort Wayne.

Henry Lorenze, who runs the Park Floral Co., was taken to a sanitarium last week.

The sale of the Michel Plant & Bulb Co.'s bankrupt stock to Jules Bourdet Monday, January 17, did not hold good, so Receiver Frank Coleman advertised it for sale at auction Monday, January 24, for the second time. This time it was sold in lots, and did not bring nearly as much as the Bourdet price. The greenhouses are held under a deed of trust by the Jefferson Bank for $6,000.

The Florists' Bowling Club, with John Connon as president and W. C. Smith as secretary and treasurer, has been revived, and a number of florist bowlers were out Monday night, January 17, for a good time, at Sarah and Delmar alleys. They bowl there every Monday night.

The Schisler-Corneli Seed Co., St. Louis Seed Co., Plant Seed Co., D. I. Bushnell & Co., and Tinsley Seed Co. are making preparations for a big spring business and are making improvements to handle the trade.

Walter Retzer, of the Plant Seed Co., returned recently from a western business trip for his firm.

C. Young & Sons Co. has issued the spring catalogue of plants, seeds and bulbs. A large shipping trade in this line is done.

The St. Louis Horticultural Society held its annual meeting at the Odeon building, January 20, and reëlected the old officers. The executive committee will meet soon and decide as to the advisability of holding a spring flower show.

Visitors last week included F. J. Farney, of M. Rice & Co., Philadelphia; Fred Lembke, of W. W. Barnard Co., Chicago; J. White, of R. M. Ward & Co., New York.

J. J. B.

Niessen's News Column

WHITE ORCHIDS.

Laelia Anceps Alba.
$6.00 per dozen.

Very choice flowers, three to six blooms to a stem; stems firm and long.

ACACIA.

Pubescens.
$2.50 per bunch.

Long, graceful sprays of small, yellow, bell-shaped flowers, with beautiful foliage. The choicest novelty in yellow at this season of the year.

TULIPS.

Pink, white, red and yellow.
$3.00 and $4.00 per 100.

SINGLE DAFFODILS.

$4.00 per 100.

	—Per 100—
Romans	$2.00 to $3.00
Paper Whites	2.00 to 3.00
Valley	3.00 to 4.00
Mignonette	3.00 to 4.00
Sweet Peas	.75 to 1.00
Very choice	1.50
Freesia	3.00 to 4.00
Pansies	1.00
Daisies, white	2.00
Daisies, yellow	3.00

	Per Bunch.
Pussy Willow	$0.50
White Lilac	$1.00 to 1.25

CARNATIONS.

We have never had a better grade to offer. Our stock consists largely of the fancy varieties, such as Winsor, Enchantress, Winona, Beacon, Victory, White Perfection, etc. We always have a large supply of fancy red carnations. You can depend on us for good quality and right prices.

WHITE KILLARNEY ROSE PLANTS.

2-inch pots, per 100, $ 8.00.
2-inch pots, per 1,000, 70.00.

ROOTED CARNATION CUTTINGS.

See our advertisement among the classified ads. Strong, clean, healthy cuttings, that we guarantee to give satisfaction.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

Mrs. Jardine

We offer you superb blooms, admittedly the finest coming into Philadelphia, of this beautiful pink rose; a rose so full, fragrant and highly colored as to remind one of ripe peaches, the saffron or apricot tint blending harmoniously with the softer pink, as in the peach.

Spring Flowers in quantity

WILD SMILAX for the Decorator.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

Beauties are shortening rapidly, fancy stock being often difficult to obtain. Carnation conditions improve with the approach of McKinley day and Easter lilies are abundant at moderate prices. Cattleyas are more plentiful than at any time since the fall, with prices lower. Violets and sweet peas have receded a little. There is heavy trading in Paper Whites at extremely low figures. Tulips have been reinforced by a few pink and red, although yellow is the predominating color and by far the finest, with white next. Daffodils and white lilacs are abundant and good. There is a brisk demand for the former, while the latter goes in with the fancy orders.

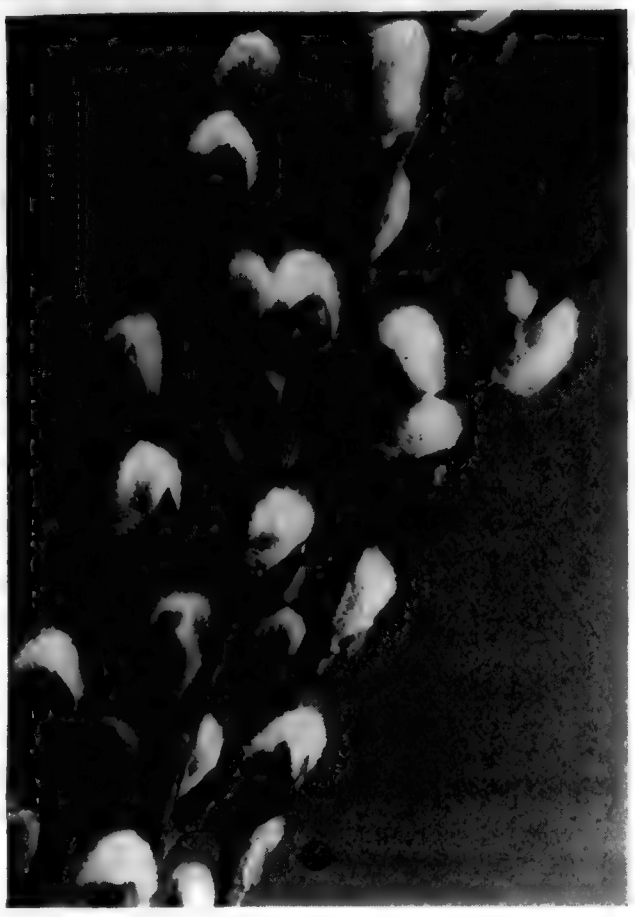
A Philadelphian, a leader in the world of finance, gave a ball in the Bellevue-Stratford hotel on the evening of January 14, to which 1,000 guests were bidden. The floral decorations for this ball were elaborate. A thousand of this variety, 2,000 of that, 3,000 of the other, running through a dozen sorts, were used, besides many foliage and flowering plants and greens galore. That even such a ball would be felt in this market seems absurd. Many such have passed with scarce a ripple in the wholesale district, yet this ball made a tremendous impression, not so much from the quantity of flowers used as from the fact that it marked a change. Social festivities increased in number; the supply of flowers decreased. The market is buoyant.

The changed conditions today, compared with two weeks ago, are principally evident in the rose market. The crops timed for the holidays are over. There were so many crops so timed as to make a decided shortage. Prices have advanced sharply. Fancy grade Richmond, Mrs. Jardine and Killarney are in active demand, with few obtainable. Cheaper grades of Bride and White Killarney are selling briskly for design work. The shortage in the rose market has affected every other variety of flower, the dealers turning from roses when possible to anything else attractive that can be used as a substitute. Prices in the other flowers have not advanced as in roses, but the average sales are better. There is little or nothing left. Gardenias are also weak, although many, in fact far more than ever before this season, are being sold at listed quotations. Quality is an important factor—"in the price of everything," you were going to say. Certainly, but I mean especially in the price of sweet peas. Bright, fresh flowers of substance, with long stems, bring double the price of ordinary or tired looking stock. The orchid class is in two sections at present, cattleyas and mixed orchids, in which you get dendrobiums, oncidiums and the rear guard of the cypripediums, with possibly a few others. Greens are in irregular demand; even smilax of the tame variety is thankfully used one day and rejected the next. There is an excellent shipping demand for good flowers.

The Rose Mrs. Jardine.

W. E. McKissick laid his hand caressingly on a jar of Mrs. Jardine roses, asking an opinion on their quality. The really magnificent blooms were enhanced in beauty by the midwinter scarcity of fine roses, and the sight of these highly colored, large flowers, with their luxuriant foliage, recalled vividly the history of Mrs. Jardine. Heralded as a pedigreed Irish rose and backed by the best judges as a meritorious novelty, Mrs. Jardine proved too capricious for all but two of the Philadelphia growers; one the introducer, the other the man who grew these flowers. A visit was immediately planned and promptly executed, for such stock was worth going many miles to see.

J. Stephenson, of Oak Lane, has something over 30,000 feet of glass devoted chiefly to roses, with a few carnations as a side line. There are three separate houses or ranges of glass. The last one, completed September 10, 1909, is a model Lord & Burnham house, 35x210, with the ridge thrown just far enough back to avoid shading the last of the five beds; in other words, a carefully planned three-quarter spanned house, in which cement walls, cement walks and cement beds add



PM QUALITY

Spring Flowers

Acacia

with its beautiful long sprays of soft sulphur yellow flowers and delicate green foliage, artistic and beautiful, attracts the buyer looking for something unusual. Price, $2.50 per bunch.

Single Daffodils, very choice. Price, $4.00 and $5.00, 100.

Sweet Peas. Blooms exceptionally choice, long stems. Colors, lavender, pink and white, also a few novelties. Lavenders, usually so hard to secure, can supply in quantity, by the thousand. Price, $1.00 per 100.

White Lilac.....per bunch, $1.00 and $1.50
Paper Whites and Romans, per 100, $2.00 and $3.00
Valley.....special, $5.00; extra, $4.00; 1st, $3.00
Freesia.....per 100, $4.00, $6.00
Daisies (white).....per 100, $2.00
Daisies (yellow).....per 100, $3.00
Pussy Willow.....per bunch, 50c
Cypripediums.....per 100. $15.00
Mignonette, splendid spikes...100, $3.00, $4.00
Gardenias, specials, $4.00; fancy, $3.00; 1st, $2.00.
Cattleyas.....per doz., $7.50
Cattleyas.....per 100, $50.00

RIBBONS—Novelties, exclusive patterns, and an endless variety to choose from.
SUPPLIES of all kinds.

CATALOGUE ON REQUEST

Open 7 a. m., close 6 p. m. Not open for business on Sundays Not responsible for flowers after delivery to express company

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street :: :: PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write.

strength and durability, to say nothing of neatness. This new house and an older one are planted entirely with Dickson's hybrid tea rose, Mrs. Jardine, and despite the late planting of the new house, the plants showed excellent growth and are beginning to sucker freely. The blooms were highly colored and of substance, and the plants bear out Mr. Stephenson's statement that Mrs. Jardine produces few thirds. The claim has been made by growers of this rose that it must bring anywhere from one-half more to double as much per flower as the freer-blooming varieties in order to make it pay expenses. Mr. Stephenson believes this is excessive, stating that one-third more is ample. Mrs. Jardine, at Oak Lane, last year produced only one and a half less per plant than Richmond under the same conditions; surely a remarkable showing.

Grafted Jardines are being tried in comparison with own-roots, but it will take another season to make a thorough test. The grafted appear to produce more flowers, but do not sucker so freely as the own-root stock. Mr. Stephenson is so pleased with his venture that he is giving an entire new house to Mrs. Jardine. He believes it a great mistake to limit the number of varieties of roses to three or four, claiming that an excellent demand can be readily developed for meritorious novelties like Mrs. Jardine.

Various Notes.

F. S. Stimson and Mrs. Stimson, of the Hollywood Gardens, Seattle, Wash., were here recently. While here they captured W. R. Gibson, who left with them to manage Mr. Stimson's store.

Frank P. Rine and Mrs. Rine, of Lewisburg, Pa., were here in the interests of the new firm of Rine & Kerstetter, who will open a flower store in Milton, Pa.

Among the Philadelphians who have signified their intention of attending the carnation meeting at Pittsburg this week are: Robert Craig, William P. Craig, Edward A. Stroud, Charles E. Meehan, J. L. Pennock, Israel Rosnosky and William Swayne, of Kennett Square. A. B. Cartledge was unable to go, owing to the death of his uncle.

Henry F. Michell is enjoying a well earned fortnight's vacation at Aiken, S. C.

John Burton has just purchased a 6-cylinder car.

William Geiger, grower for J. Stephenson, of Oak Lane, says that Mrs. Jardine is a great rose when you can get the knack of growing it.

Victor Groshens has received the building material for his new house. It is to be 29x500 feet.

Tastefully gotten up McKinley day cards in the shop windows remind the passerby to wear a carnation January 29.

W. W. Crawford has an effective window of ferns and daffodils in his new store at Fifty-second and Market streets.

H. H. Battles opened his new West

The Florists' Supply House of America

St. Valentine's Day Specialties

We have any number of pretty tokens appropriate for St. Valentine's Day, some of them novelties, others staples of best quality. They include:

Violet Boxes — Violet Hampers — Violet Cords — Violet Tassels
Heart Shaped Boxes — Heart Shaped Boxes, Red — Fancy Red Boxes with Glass — Fancy Hand Painted Boxes
and many other pretty things.

THE LATEST NOVELTY

CYCAS BASKETS. These are made of cycas roots, with long handles made of cycas stems intertwined with palm branches. The baskets are rather small, suitable for filling with plants or flowers, the handles are very long, the material used gives a touch of nature and of originality.

Our factory can produce anything you may desire. Send for our Illustrated Catalogue.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

Philadelphia flower shop on the Century type last week. Thomas Holland, first lieutenant of one hundred twelve, is in charge.

William Berger, it is understood, will have an entirely new and modern store built on the site of the old one, at Germantown avenue near Chelten avenue, next summer. Fred Berger has built up a splendid business here among the best people of Germantown.

Robert Scott & Son, Sharon Hill, Pa., have, as stated in this column several months ago, built five new houses. It may seem a funny statement to make at this season of the year to one unfamiliar with Alexander B. Scott's building method—posts planted, roofing material put in position in the fall, glazing done before winter, steam pipes and beds put in position at odd times during the winter, soil wheeled in at earliest possible moment in spring, before rush is on, so that plants get the full benefit of the growing season.

Joseph E. Trouncer, representative of the Winona Carnation Co., Winona, N. J., has a promising white seedling; some fine blooms, large and fragrant, were on exhibition at the S. S. Pennock-Meehan Co.

Cheery letters have been received in this city from Edwin Lonsdale at Lompoc, Cal.; the air has happily proved beneficial to Mrs. Lonsdale, but either the air or something else has, alas, queered the victrola.

Edward Reid has returned from a few days' trip south.

J. Otto Thilow, secretary of the Henry A. Dreer corporation, was in Chicago last week.

H. Bayersdorfer & Co. have an effective novelty basket made of cycas leaves, caught up by a long, slender handle of cycas and palm stems twined.

Herman Schoenfeld, who has been ill, suffered a crushing loss in the recent snow storm, when his four greenhouses at Eighty-seventh street and Cruthers avenue went down. The stock is a total loss.

J. J. Habermehl's Sons are credited with using thirty-four cases of wild smilax for the decoration at the automobile show. They had elaborate decorations for the Widener and midwinter balls last week, besides many smaller affairs.

M. Rice & Co. have a pretty novelty in their gold ribbon and tassels, that interests retailers.

Among the visitors to this city recently were J. A. Peterson, Cincinnati, O.; W. A. Hammond, Richmond, Va., and T. J. McCarty, of the Connelley-McCarty Co., Charleston, S. C.

Dennis T. Connor has landed the order of the Joseph Heacock Co. for one greenhouse, 55x600, to be erected by the Lord & Burnham Co., at Roelofs, Mr. Heacock's branch farm. Roelofs is on the line of the Philadelphia & Reading railway, between Philadelphia and New York and about sixty miles from the latter city. Building will commence as soon as spring opens. PHIL.

WE enclose check in advance for two years' subscription to the REVIEW. We cannot get along without it.—M. D. SCHMIDT & SON, Dayton, O.

BERGER BROTHERS

WHOLESALE FLORISTS

1305 Filbert Street, Philadelphia, Pa.

One of our growers tells his friends that he prophesied and discounted our success, by which he means he always said we would succeed and sent us his flowers from the start.

Roses and Spring Flowers

Our rose growers are on crop right now in mid-winter, when everybody else is off. We have BRIDE and RICHMOND that are especially worth seeing.
Our spring flowers, including EASTER LILIES, DAFFODILS, PAPER WHITES, VIOLETS and VALLEY, are abundant and of excellent quality.

The most centrally located Wholesale House in Philadelphia, midway between the two terminals

Mention The Review when you write.

Velvet Poinsettias with Foliage

$2.00 per doz.; $20.00 per gross
NOTHING LIKE IT FOR THE MONEY
Gustave Schroeder, Artificial Flower Manufacturer
1524 Prospect Ave., Cleveland, O.
Samples sent on receipt of 16c to cover postage.
Mention The Review when you write.

ATHENS, GA.—The Athens Floral Co. has just completed the erection of another greenhouse and business is steadily increasing. Holiday trade was fine.

TORONTO, CAN.—William Hill, the Yonge street florist, says that holiday trade has shown a marked improvement each year, with an especially good demand for flowering plants. He thinks there are prospects of a good deal of greenhouse building in this vicinity during the present year.



Begonias and Gloxinias

Our stock of these Bulbs is of the finest strain procurable.

	Per doz.	Per 100	Per 1000
SINGLE BEGONIAS—Orange	$0.40	$2.75	$22.50
Scarlet	.40	2.75	22.50
Pink	.40	2.75	22.50
White	.40	2 75	22.50
Yellow	.40	2 75	22 50
Mixed	.35	2.50	21 00
DOUBLE BEGONIAS—Crimson	.65	4 75	37.50
Scarlet	.65	4.75	37.50
Pink	.65	4.75	37.50
White	.65	4.75	37.50
Yellow	.65	4.75	37.50
Mixed	.50	3.75	33.00
GLOXINIAS—Red and Scarlet	.60	3.75	32.00
Blue	.60	3.75	32 00
Bordered Scarlet	.60	3.75	32.00
Bordered Blue	.60	3.75	32.00
Spotted	.60	3.75	32.00
White	.60	3.75	32.00
Choicest Mixed	.50	3.50	31.50

CANE STAKES

Southern, very long, select quality.....per 100, $0.75; 500, $3.00; 1000, $6.00; 5000, $25.00
Japanese, very thin, about 6 ft. long..... " .75; 500, 3.00; 1000, 5.50; 5000, 25.00

UNPAINTED STAKES OR DOWELS

Length.	Diam.	Per 100	1000	Length.	Diam.	Per 100	1000
24 in.	3/8 in.	$0 50	$4.00	42 in.	3/16 in.	$0.75	$6 00
36 in.	5/16 in., and 36x3/16 in.	.65	5.25	42 in.	1/4 in.	.75	6.00
36 in.	5/8 in.	.85	8.00	42 in.	5/16 in.	.75	6.00
36 in.	1/4 in.	.65	5.25	42 in.	3/8 in.	.75	6.00
36 in.	3/8 in.	.65	5.25	42 in.	5/8 in.	1.00	9.00

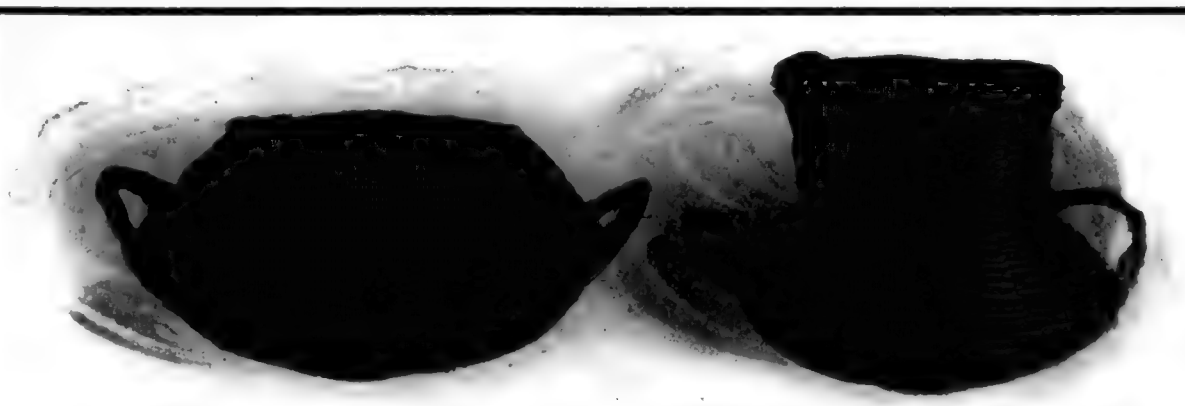
The above dyed green, 10c per 100 or 50c per 1000 additional.

HENRY F. MICHELL CO.

Seed Growers and Merchants

Market St. above 10th St., Philadelphia, Pa.

Mention The Review when you write.



No. 73 Arab No. 78 Persian

Florists' Baskets

These baskets are especially suitable for palms and ferns, though when filled with roses or other large flowers, are strikingly beautiful. Brighten up your stock with some of our new ideas in baskets for your Easter trade—any that do not please, you may return—try a few.

Madison Basketcraft Co., Madison, O.

Send for finely illustrated catalogue.

Mention The Review when you write.

NEW YORK.

The Market.

There is a steadiness about the market, now and during last week, that is encouraging. The demand has been steady, the volume of trade satisfactory and prices hold a reasonable average. The retailers are uniformly busy. Many large funerals and weddings, banquets and receptions have kept the ball rolling, and until Lent begins the outlook is for an excellent winter business. The weather has been mild and clear and the week opens with a temperature several degrees above the freezing point. Shipments are increasing in volume, and there is enough daily to meet any possible demand.

Beauties sold well all the week, and the best of them touched 60 cents to 75 cents at times. Immense quantities of these and orchids were used at the Gould reception in the new residence at 857 Fifth avenue. The best Maid and Bride brought 10 cents Saturday, and Richmond, Killarney and My Maryland 15 cents, so the rose market may be fairly quoted as in sound condition. The demand for the lower grades was insistent, and prices were reasonable.

This is carnation week, and they are arriving in larger numbers. Prices will do well to hold at present quotations. Quality never was better. The orchid supply is enough for all inquiries and prices are reasonable, notwithstanding last week's extra call, which depleted the market completely for a day. The market is filled with daffodils, narcissi, freesias, sweet peas and tulips, the latter being short-stemmed and slow of sale. Valley and lilies are abundant and prices hard to maintain at present quotations. Violets do not get above 50 cents, and this is likely to be top for some weeks to come. Lent is near, though of late years its mournful influence has been but slight in the cut flower market.

Various Notes.

The second annual banquet of the New York and New Jersey Association of Plant Growers will be held at the Hotel Astor, February 2, at 7 p. m.

J. F. Sharkey had a unique wedding decoration last week at the Hotel Gotham, with cottage effects and elaborate floral display in Beauties and orchids.

Mengham & Westwood have taken the

Colorado Carnations

We are now getting the best and largest cut we have ever had :: Can fill any order

The Pikes Peak Floral Co.
Colorado Springs, Colo.

Mention The Review when you write.

fine store at Eighty-fifth street and Broadway, and will occupy it February 1.

The Forster-Mansfield Co., 145 West Twenty-eighth street, manufacturer of the quaint mission work extensively used by the leading retailers at Christmas, makes a specialty of florists' ice-boxes and store decoration. At present the company is completing the work in the handsome new store of H. Hoffmeir, on upper Broadway. Andre Beauplan is the proprietor, and an adept in his line.

Kessler Bros. had the misfortune last week to have a wagon-load of palms come in collision with a Madison avenue trolley car. The wagon was entirely demolished and two men, one a brother of the members of the firm, were painfully injured. The horse escaped. The younger Mr. Kessler is still confined to the house. The company has settled for the damage to the firm's satisfaction.

Samuel Woodrow has left the Fernwood Nursery Co. and is now traveling for Bobbink & Atkins.

H. Kenney, Brooklyn, finds the demand for wire workers in excess of the supply.

The annual reception of the Florists' Social Club of the West Side will take place Saturday evening, January 29. The lieutenant of Mr. Brown, the Belnord florist, is master of ceremonies.

Much sympathy is felt for Thomas Jones, of Short Hills, N. J., in his serious loss by fire. Two of his greenhouses were completely destroyed.

T. Mellstrom, the representative of Sander & Son, sailed for home January 26.

John Cleary, of the Fruit Auction Co., is in Europe, arranging for plant and bulb importations for his plant auction season, which begins in March.

W. J. Badgley, of Chatham, has purchased the entire stock of the Wilson Plant Oil & Fertilizer Co.

William Elliott & Sons have renovated their store and are ready for the opening of the auction season. The firm has just issued its sixty-fifth annual catalogue.

The next meeting of the Florists' Club will be ladies' night, the date of which is February 14. It will also be carnation night and all the novelties and prize winners of the east will be there. The president of the S. A. F. and others will tell of the Pittsburg convention and a fine musical program will be given. All in the trade, whether members of the club or not, are cordially invited.

Saturday, January 29, is McKinley day and Carnation day and New York should set the pace in honor of the memory of President McKinley. The Carnation League of America, through Gen. Kennedy, has sent out a strong proclamation, urging the people everywhere to show this tribute of affection.

To commemorate the three hundredth anniversary of the settlement of Manhattan island, a world's fair is projected in 1913. A company has been incorporated, with a capital stock of $200,000. If the scheme is consummated that will be a good year for the meeting of the S. A. F. in New York, with all the auxiliary societies and the national flower show, and we can house the whole of them successfully.

The street was blocked in front of the store of the Kervan Co., Saturday, January 22, with an immense shipment of wild smilax. The firm handles an enormous quantity of this and other southern novelties. Mr. Kervan has a ranch in the south, and knows Florida like a book.

J. A. Peterson, of Cincinnati, exhibited last week at the store of Traendly & Schenck a fine stock of his new begonia, Gloire de Cincinnati. Wednesday, January 26, in closing an estate, the building now under lease to Traendly & Schenck was sold at auction.

Andrew Wilson, of Summit, who has sold his retail business there to William Death, is now representing the Wilson-Hoyt Co., manufacturers of cement benches.

John Bodger, Jr., of John Bodger & Sons, Gardena, Cal., left for the west Saturday, January 22.

C. W. Scott left for Grand Rapids, Wis., Friday, January 21, because of the serious illness of his father.

Charles Loechner, of the Yokohama Nursery Co., is rapidly recovering from the accident of a few weeks ago and is at the Norwegian hospital, Brooklyn.

The new catalogue of the Stumpp & Walter Co. is a work of art this year. Mr. Sperling, of the firm, is now calling on his eastern clientele.

EVERY now and then a well-pleased reader speaks the word which is the means of bringing a new advertiser to

THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florists' use not at present advertised.

FLORISTS' PUBLISHING CO.
530-60 Caxton Bldg. Chicago

Bowling.

Last week the Astoria scores were:

Player	1st	2d	3d	4th
Donaldson, Sr.	153	163	198	172
Siebrecht, Sr.	145	147	173	168
Lorenz	139	115	144	111
Siebrecht, Jr.	165	163	109	145
Boese	168	107	134	14[illegible]
Alfred	151	138	142	12[illegible]
Miesem	158	162	171	18[illegible]
Einsman	207	198	145	18[illegible]
Doerhoefer	147	141	148	15[illegible]
Peter	157	124	139	14[illegible]
Arnold	114	134	129	14[illegible]

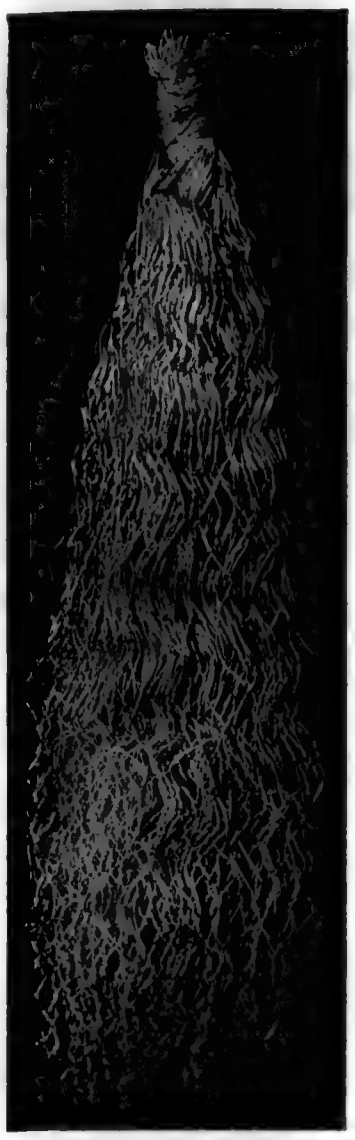
Here is the Flatbush score of January 20:

Player	1st	2d	3d	4th	5th
L. Schmutz	105	159	159	141	13[illegible]
P. Dailledouze	143	149	124	186	12[illegible]
H. Dailledouze	166	143	159	112	11[illegible]
C. Worker	133	127	153	143	10[illegible]
Ed. Hanson	141	149	169	145	15[illegible]
P. Reilly	124	186	160	157	16[illegible]
J. McCormick	102	109	136	98	8[illegible]
F. Schmutz	191	179	172	193	10[illegible]

J. Austin Shaw.

Everett, Mass.—A recent fire in Towle's greenhouses caused a loss of about $500.

Georgetown, Ill.—R. L. Burgoyne formerly of Danville, Ill., has purchased Jay M. Frazier's greenhouses in this city.



RAFFIA

ALL COLORS

Nothing is so popular and gives so wide a field of usefulness as

Colored Raffia

We have been selling schools, department stores, seed stores, photo supply houses, florists, nurserymen, decorators, upholsterers, theaters, etc., for years.

WHERE TO OBTAIN RAFFIA

We import only the best selected stock. It costs more, but it is money well spent. We can, therefore, offer a choice grade, selected on account of its clear color, for dyeing purposes. The strands are broad and of good length.

We carry in stock an assortment of 20 different colors, including brown, 2 shades; blue, 2 shades; green, 4 shades; red, 3 shades; old gold, orange, yellow, pink, purple, black and white. Prices on application. Color samples free.

R. H. COMEY CO.

DYERS AND IMPORTERS

CAMDEN, N. J. CHICAGO, ILL.
2440-2454 WASHBURN AVE.

Mention The Review when you write.

Ribbons for Valentine Day

Samples to select from ready now. Taffetas, Satins, Chiffons. Rich toned, brilliant qualities; no jobber can offer you equals at our prices.

Post card for samples.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

MOVING NARCISSI IN FLOWER.

I am in a position to obtain a large quantity of narcissi that are growing in an old pasture or field and are in full bloom now. This place will be used for a manufacturing site at once and I can have these bulbs for the taking. What I want to know is the best method for taking care of them while in this condition. I have never handled bulbs before and am therefore at a loss how to proceed. I do not want to lose this chance of getting such a lot of bulbs for nothing, if they can safely be moved. I live in southern Louisiana. H. M.

While it is not a good or safe time to move narcissi while in flower, if you will dig them carefully, preserve as many roots as possible, keep them protected from the sun as far as possible and then lay them in shallow trenches rather thickly, and sufficiently deep so that the bulbs and roots are covered four to six inches, you will be able to save a large part of them. The trenches can be two feet apart, and if in a slightly shaded location, so much the better. After the foliage has all died down, you can then lift the dormant bulbs and store them in flats in a cool shed or cellar until planting time in the fall, which with you would be from the end of October to the end of November. The bulbs should be covered three to six inches, according to the variety, the largest bulbed sorts requiring the deepest covering. W. C.

CATALOGUES RECEIVED.

G. H. Hunkel Co., Milwaukee, Wis., seeds, bulbs, roots and sundries; the Leonard Seed Co., Chicago, Ill., seeds and supplies; Moore Seed Co., Philadelphia, Pa., florists' and market gardeners' wholesale list; O. V. Zangen, Hoboken, N. J., flower seeds, bulbs, plants, etc.; Roger De La Borde, Segre, France, bulbs, plants and fruits; Perry's Hardy Plant Farm, Enfield, Middlesex, England, separate lists of delphiniums, Japanese lilies and perennial seeds; Wm. Elliott & Sons, New York, N. Y., general and wholesale lists of seeds and supplies; Illinois Heater & Mfg. Co., Chicago, Ill., Illinois self-watering window boxes, hanging baskets, jardinieres, etc.; Elmer D. Smith & Co., Adrian, Mich., chrysanthemums and asters; Peter Henderson & Co., New York, N. Y., general list of seeds, plants, bulbs, etc.; the W. W. Barnard Co., Chicago, Ill., general catalogue of seeds and supplies, and special list for market gardeners; J. W. Jung Seed Co., Randolph, Wis., garden, farm and flower seeds; the E. G. Hill Co., Richmond, Ind., roses, carnations, chrysanthemums, cannas, geraniums and other plants; Archias' Seed Store, Sedalia, Mo., "Archias' Garden Annual"; L. E. Williams, Exeter, N. H., collected native trees, shrubs and plants; H. Cannell & Sons, Swanley, Kent, England, seeds, bulbs and plants; Young's Seed Store, St. Louis, Mo., "Young's Garden Book"; Herlofson & Co., Christiania, Norway, seeds, bulbs, plants and supplies.

I FIND the REVIEW a cheer-up when one has the blues.—GEORGE SCHUBERT, West Hoboken, N. J.

This Issue of the Review Contains 116 Pages

The Weekly FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by Monday or Tuesday at latest, instead of Wednesday morning, as many have done in the past.

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Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Jan. 25.—Cucumbers, 75c to $1.25 doz.; lettuce, 20c box; radishes, 15c to 30c doz. bunches.

BOSTON, Jan. 24.—Lettuce, 50c to 75c box; tomatoes, 20c to 30c lb.; cucumbers, $3.50 to $8.50 box; parsley, $2 to $2.25 box; mint, 50c to 60c doz. bunches; radishes, $1.50 box.

NEW YORK, Jan. 24.—Cucumbers in light supply and firm for fancy, but poor moving slowly. Lettuce about all poor. Mint steady. Mushrooms selling fairly. Radishes firm. Tomatoes steady. Cucumbers, 75c to $1.25 doz.; lettuce, 75c to $1 strap; mint, 40c to 50c doz. bunches; mushrooms, 20c to 40c lb.; radishes, $1.50 to $3.50 hundred bunches; rhubarb, 65c to 75c doz. bunches; tomatoes, 10c to 20c lb.

COMMERCIAL FERTILIZER.

Will you please tell me the proper amount of commercial fertilizer to use for lettuce, radishes and cucumbers? I noticed that a recent issue of the REVIEW stated the proper proportions, but did not give the amount for a dressing. An article on the subject of greenhouse fertilizers, and how to use them for the different kinds of vegetables, would be interesting, I think, to many of the readers of the REVIEW. C. J. J.

It is hard to state the exact amount of fertilizer to use for any crop without knowing the condition of the crop or the amount of manure used in preparing the soil, or how much of the manure has been exhausted by crops since preparing the soil. A crop that is sickly may be likened to a person in the same condition, in that they both require little food and are better off without much.

Either liquid or dry feedings should never be put on when the plants are too dry, or they will take up too much at the first watering. The fertilizers should not touch the stalks or leaves, and it is better to use only a little at a time and oftener than to overdo it at once and expect miracles in a day or two.

For cucumbers I would use the following amounts to a row or bench 100 feet long, never using more than one of these fertilizers at a time: Bone meal, six pounds; potash (muriate or sulphate), two pounds; nitrate of soda, three pounds; pulverized sheep manure, ten or twelve pounds.

Complete fertilizers, having nitrogen, potash and phosphoric acid in them, vary in quantities of each, but as a rule two or three pounds, dusted over evenly and frequently, make a good feeding. None of these can take the place of an occasional mulching with good, short stable manure, but they are quite beneficial to use in addition to the mulchings.

For quick crops, like lettuce and radishes, nitrate of soda is about the only commercial fertilizer used and can be used about the same as for cucumbers, but not so often, and must be sifted and put on carefully and evenly, and watered to dissolve it soon after.

In using commercial fertilizers, one must study what the plants are most in need of. The three ingredients which plants take from the soil, and which are renewed in manures and fertilizers, are nitrogen, potash and phosphoric acid, and each serves a different purpose in the plants. Nitrogen is helpful to the foliage, phosphoric acid to the blooms and potash to the stalks and fruit. All are necessary, but in different proportions, according to the particular crop. For instance, an insufficient supply of nitrogen in the soil will hinder the plants from making a good start, and will cause small leaves and poor growth, particularly of foliage crops, like lettuce, parsley, cauliflower, etc., or cucumber vines. Insufficient phosphoric acid will cause tomatoes and cucumbers to make their growth without enough blooms and fruit set on them, and a lack of potash will be made apparent

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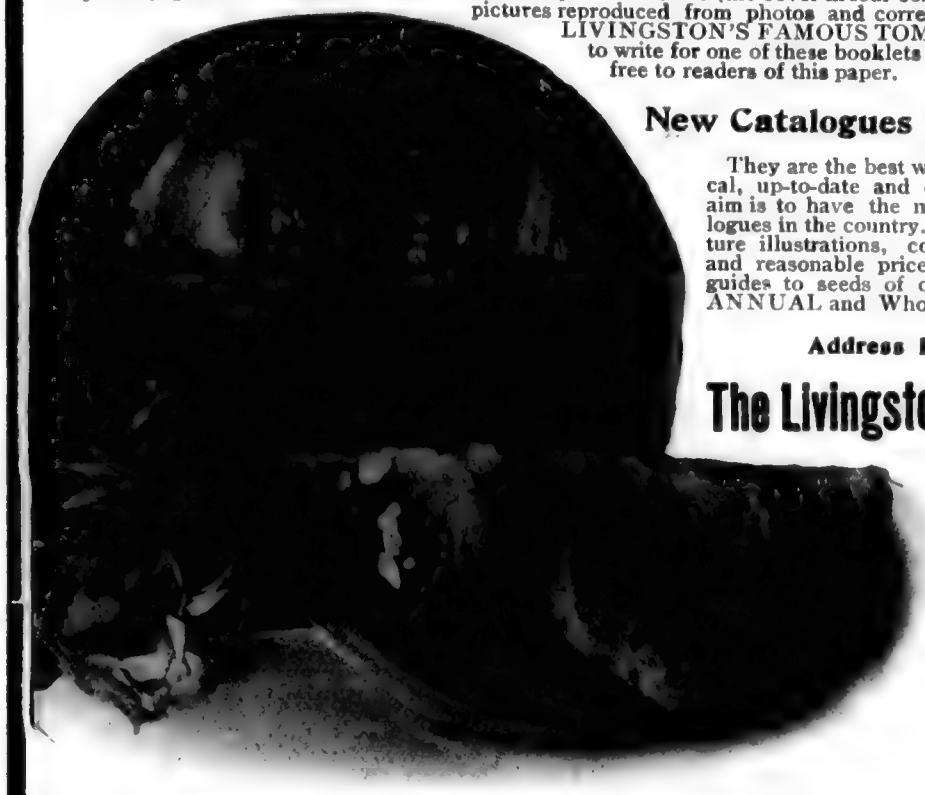
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by small stalks and poor shaped or small fruit. Of course each one helps the other, but it is often the case that we see a lot of fine looking cucumber or tomato plants with little fruit on them, and they fail to produce half a crop. Although plenty of nitrogen helped them to put up a good front, lack of the other chemicals caused failure to produce the crop in proportion. H. G.

BUILDING A MUSHROOM HOUSE.

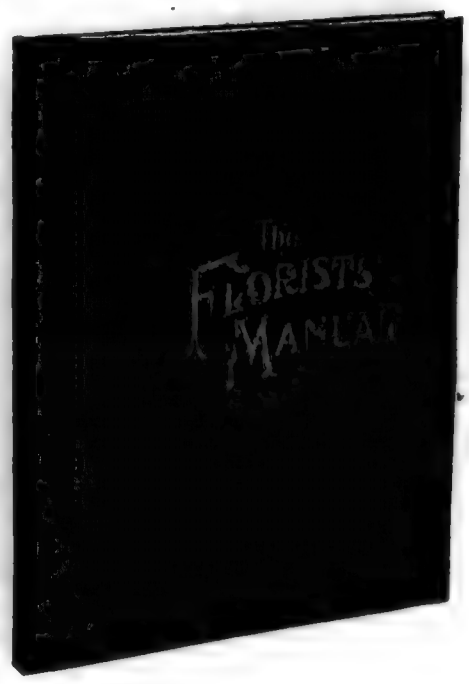
I have had excellent success in growing mushrooms under greenhouse benches, but now wish to build a house exclusively for mushrooms. Any information, therefore, about the best and cheapest way of constructing a mushroom house will be greatly appreciated. J. D.

A cellar or dugout is much better for mushrooms than a house above ground, because it can be kept cool later in the spring than a house above ground, and thus the mushrooms can be kept bearing much longer and will be of good quality. Most mushrooms are, however, grown in houses above ground. There are many styles of mushroom houses, but the most common are built of lumber, like ranges of greenhouses.

The houses are narrow, with a wide aisle down the center, to allow the use of wheelbarrows, and with benches on both sides. Beds are also made under these benches, and in some cases, where the houses are high enough, another bench is made above the regular one. A house twelve feet wide answers the purpose well. Where several houses are built together, the regular greenhouse gutter should be used between them, just as in a range of short-span, connected houses.

Mushroom houses must be built warm. The walls are usually built by setting rows of fence posts and boarding them up on both sides. The rafters consist of 2x4 scantlings, on which matched lumber is laid, with prepared paper roofing nailed on top of the lumber. The under side of the roof is sealed up with matched lumber, also, like the upper side. The matched boards are also used on the inside of the walls, but on the outside of the walls cheaper lumber is used and then banked up to the eaves with manure or soil. Cupolas are placed along the peaks for ventilating the houses. A door wide enough for a large wheelbarrow is placed in each end.

I believe that the common practice could be much improved on by using pipe posts, an inch and a half in diameter, for supporting the eave plates and gutters, setting the posts two and one-half feet deep, filling the holes with concrete, and then making a concrete wall from the ground to the eaves. The wall would be about four or five inches thick and would be banked up with soil in the ordinary way. This would be a permanent wall, which would never need repairs and would cost little or no more than a wooden wall. Such houses could be easily turned into greenhouses, if desired, at any time in the future. If on high and dry ground, the floor of the house could be made below the level of the ground by scooping out the soil first. Then the walls, not being so high outside, would not require so much banking up and there would be plenty of soil to do it with. It is important, however, that the floor of a mushroom house be dry. Mushrooms will not do well in a wet place. H. G.



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LEE, MASS.—John Connors, superintendent of the greenhouses on the Westinghouse estate, is seriously ill with pneumonia, at his home on Summer street.

CHAMPAIGN, ILL.—L. S. Spencer announces the removal of his wholesale cut flower growing business from Pesotum and Tolono to R. R. 4, Champaign, corner of McKinley avenue and the Bloomington road. He will have better facilities in his new location and expects to provide for his growing business.

LENOX, MASS.—A. H. Wingett exhibited his new carnation, Lady Algy, before the Lenox Horticultural Society, January 15, and received a first-class certificate. It is pure salmon pink in color, a sport of Beacon, and Edwin Jenkins says it is one of the most promising new varieties in sight.

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Theodore Roosevelt is being paid $1.00 a word for his remarkable articles on hunting in Africa. We are sure, had he run across a vine of Salzer's Green Cross Cucumber in that far away clime, he could easily have used 10,000 words, or $10,000 worth of description in extolling and setting forth the many merits of this wonderful cucumber, and then some more! Look at the illustration. We had, in a small field with ordinary cultivation, hundreds and hundreds of cucumbers larger than here illustrated, attaining this enormous size within 20 to 25 days after setting! It is the most remarkable Cucumber and surely the most beautiful cucumber mortal eye has ever seen. It's infinitely ahead in beauty and appearance and quality of any hot house cucumber—each one a picture!

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SITUATION WANTED—By a good grower of roses, carnations, mums and general stock; also designing; state wages in first letter. Address No. **159**, care Florists' Review, Chicago.

SITUATION WANTED—As assistant gardener on private place; five years' experience; age 25; good references; vicinity of New York. Address No. **130**, care Florists' Review, Chicago.

SITUATION WANTED—By capable young woman with some experience in store work; Washington Oregon or Idaho preferred. Address Miss Pauline Phillips, So. 9th St, Walla Walla, Wash.

SITUATION WANTED—By young man, as assistant gardener on private or commercial place; age 25; experience, ten years; open for engagement middle of March. Address No. **152**, care Florists' Review, Chicago.

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SITUATION WANTED—German gardener, age 27, familiar in all branches of gardening; 12 years' experience; best references from large commercial and private gardeners; will accept position in any part of country. Marcel Henak, 106 Elm St., Providence, R. I.

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HELP WANTED—Experienced vegetable grower for under glass; must be sober and industrious; steady situation; send references. I. Shelby Crall Co., Monongahela, Pa.

HELP WANTED—A young man to assist in rose growing; one with experience preferred; wages $12 per week to start; references. J. P. Russell, Chatogue Greenhouses, Mobile, Ala.

HELP WANTED—All-round man, must have had experience in filling veranda boxes and vases; must be quick workman; reference required. Address No. **157**, care Florists' Review, Chicago.

HELP WANTED—Grower for carnations and bedding plants; must be reliable and a hustler; young married man preferred; an up-to-date place in northern Michigan. Address Box 73, Chassell, Mich.

HELP WANTED—Experienced lady clerk for store; must be capable of making up funeral work, etc.; none but an ambitious and willing party need apply. Address Chas. Frueh & Sons, Saginaw, Mich.

HELP WANTED—A first-class rose grower; must be capable of taking complete charge, and one who can produce the stock; give reference and salary. Address No. **163**, care Florists' Review, Chicago.

HELP WANTED—Single young man with some experience in greenhouse work; must be industrious and have no bad habits; state wages wanted with board and room. Ira Clark & Co., Greensburg, Ind.

HELP WANTED—Good lady or man clerk for retail flower store; must be thoroughly experienced; good wages to right party; answer in person; no other need apply. Atlas Floral Co., 35 Randolph St., Chicago.

HELP WANTED—Gardener and florist; must understand all about shrubbery and nursery work; good position to right party; man with family preferred; send references. Otto Schwill & Co., Seedsmen, Memphis, Tenn.

HELP WANTED—By Feb. 1st; gardener and florist for private place near Chicago; as second man. Apply, stating wages with room and board; must be a hustler. Address No. **151**, care Florists' Review, Chicago.

HELP WANTED—Assistant; reliable young man with some experience as grower; competent to wait on trade when needed; retail place, 15,000 feet glass; good opening. Address No. **147**, care Florists' Review, Chicago.

HELP WANTED—By Feb. 15th; a good, reliable man by the month, board and room; work in greenhouse and hotbeds; state wages; must be a hustler; German preferred. Address Faber Bros., R. F. D. No. 4, Box 137, Kankakee, Ill.

HELP WANTED—At once; a young single man, good all-round greenhouse man who understands growing ferns, mums and a full line of bedding plants; must be a good, steady, sober man. Address Fred Bartsch, R. F. D. No. 2, Glenshaw, Pa.

HELP WANTED—At once; a good all-round greenhouse man for retail place; one not afraid of work, sober and reliable, able to take charge when needed; married man preferred; state wages with references in first letter. James Frost, Greenville, O.

HELP WANTED—Good grower for general stock; single, middle-aged preferred; must have good references; honest and sober; salary $50.00 a month, room and board; endless job for the right man; in Montana. Address No. **161**, care Florists' Review, Chicago.

HELP WANTED—Experienced landscape man to work in our city department; one who is capable of planting nursery stock, and able to work other men; must be a salesman; only first-class men need apply; state wages. Address The Livingston Seed Co., Columbus, O.

HELP WANTED—Young man between 18 and 21 years, with some experience in greenhouse work and hotbeds; one who is willing to learn plant and nursery business preferred; state wages with good room and board; good opportunity for one willing to learn. Apply Kenbrook Seed Farm, Milford, Va.

HELP WANTED—At once; a good all-round greenhouse man to grow stock for retail catalogue place; a good propagator, not afraid of work, sober and reliable; able to take charge when needed; state wages, nationality, married or single and reference in first letter. J. E. Jackson, Gainesville, Ga.

HELP WANTED—In northern Pennsylvania, a good propagator and grower of carnations, roses mums, Easter bulbs and general pot plants; must be good worker; no drinking man need apply; growing business, and a permanent position to right man; married preferred; state wages and whom worked for. Address No. **169**, care Florists' Review, Chicago.

HELP WANTED—A growing shipping place offers a good opening for a bright young man; exact worker and a good propagator, one who is not afraid to take any job and is willing to grow up with the business and start with moderate salary; can work himself into a good position and gain interest in the business; state age, experience and salary wanted in first letter. J. L. Schiller, Toledo, O.

HELP WANTED—Thoroughly experienced man to take charge of our greenhouse and nursery department; one who has had considerable business experience, and is able to handle 20 to 30 men; must know all about greenhouse work, and considerable about growing nursery stock; a good position for the right party; only first-class men need answer; state wages wanted; married or single. Address The Livingston Seed Co., Columbus, O.

TO LET—With fixtures; best retail flower store in this city; nothing to buy but flowers. Address Florist, 34 Main St., Haverhill, Mass.

WANTED TO RENT—Retail greenhouse property in Ohio or middle west, of 5000 to 10,000 feet. Address No. **144**, care Florists' Review, Chicago.

WANTED TO RENT—Small greenhouse property, with mushroom house preferred. Address, giving particulars, Wm. Kirkham, Mt. Vernon, Ind.

FOR SALE OR RENT—Greenhouse, store, dwelling and stock complete; located on main street in growing south side suburb of Chicago. Owner, 731 Barry Ave., Chicago, 1st flat.

WANTED TO BUY—Greenhouse of about 8000 to 10,000 sq. feet of glass, in good condition; in a live town; give full particulars in first letter; no need of answering this adv. unless proposition bears closer investigation. Address No. **166**, care Florists' Review, Chicago.

WANTED—Positions near New York and Philadelphia for graduates of the Baron de Hirsch Agricultural School on gentlemen's estates and commercial florists, as greenhouse and garden help. Apply to H. W. Geller, Supt., Baron de Hirsch Agricultural School, Woodbine, N. J.

A YEAR'S ADVERTISING FOR $2.00—Send for the 1910 Floral Ad. Series; fifty-two strong, business-pulling ads. for two dollars; hundreds of florists used them with great success last year; if you want more business send for the series today; money back if dissatisfied. Floral Advertising Club, Newburgh, N. Y.

PARTNER WANTED—Married man, with some capital, to take interest with a prosperous florist, landscape gardener and vegetable grower near a large city; must be a good grower and manager in bedding plants and nursery; honest, sober and industrious; excellent opportunity. Address No. **134**, care Florists' Review, Chicago.

FOR SALE—12 acres rich black soil, with three greenhouses, near city. H. W. Williams, 424 Fulton St., Peoria, Ill.

FOR SALE—10,000 ft. of glass on leased land on which the lease has 7 years yet to run; located near three cemeteries and have good trade; will sell all or take partner. Address Jacob Russler, 114th St. and Avon Ave., Morgan Park Ill.

FOR SALE—$1800 cash will buy a first-class florist store, good will; finest reputation, and excellent references from wholesalers, established 20 years and doing a good business; going into other business. Cella's, 2100 Columbia Ave Philadelphia, Pa.

FOR SALE—One Lord & Burnham sectional hot water boiler, No. 824; 200 10 ft. sashes, 1700 ft. 2-in. and 200 ft. 3-in. pipes; the whole positively used but a short time and guaranteed in perfect condition. Address No. **146**, care Florists' Review, Chicago.

FOR SALE—4 greenhouses, 12,000 ft. glass, at a bargain; well equipped, 2 dwelling houses, private waterworks, cold storage, barn; population 90,000; big demand; big wholesale trade, good prices; write at once for particulars. Address No. **168**, care Florists' Review, Chicago.

FOR SALE—6000 ft. glass on 1 city block, 1½ mile from center of city with 25,000; southwest; good dwelling, greenhouses good as new; splendid opportunity for florist or trucker with some money; price $4000.00, part down, balance on time at 6 per cent. Address No. **167**, care Florists' Review, Chicago.

FOR SALE—Nurseries, greenhouse and retail business in rapidly growing town; write for particulars. H. A. Curtis The Florist, St. Petersburg, Fla.

FOR SALE—Hot water boiler and about 200 ft. 4-in soil pipe, and all fittings; price $50.00, f. o. b. Wheeling; boiler now in use will be taken out in spring; changing to steam. Frank C. Seibert, Wheeling, W. Va.

FOR SALE—14-acre fruit farm, with one small greenhouse, built three years; hot water heat, plumbing first-class; good seven room residence; no competition; one mile from town of 500 population; price $3000; $2000 cash, $1000 due July, 1911; good investment for man understanding the business; climate fine. Mrs. E. D. Phelps, Rogers, Ark.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors 11-ft. high, 14-ft. long, 6 ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass, price f.o.b. Pittsburg, $140.00. A. W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—Three greenhouses, 8000 square ft. glass, in city of 30,000 inhabitants; growing business and good trade; cottage; five rooms, adjoining same; good water; hot water heating; plant practically new; reason for selling, death of proprietor, and no one to continue the business; terms reasonable. Address No. 137, care Florists Review, Chicago.

FOR SALE—Greenhouses, 8000 feet; one block land, 575x255; within city limits, near union depot, within ten minutes' walk of main business section; established ten years; or will go into partnership with responsible party; demand requires from 15 to 20,000 ft. of additional glass; no competition to speak of within a circle of 300 miles. Address Thomas Biernstad, Baker City, Ore.

FOR SALE—An Orr & Lockett's florists' refrigerator; made of ash; has mirrors in ice doors and ends of ice chambers, beveled glass in front and ends of floral chamber; the doors to the floral chamber are in front; used 6 months; no better refrigerator made; dimensions outside width, 44 in.; depth, 32½ in.; height, 77 in.; a bargain if taken soon. The El Paso Carnation Co., El Paso, Ill.

FOR SALE—A greenhouse property centrally located in the middle west, 25,000 ft. glass; majority houses only 3 years old, all in good condition; trade well established; stock in first-class condition; carnations, roses, chrysanthemums, sweet peas, callas, lettuce and bedding stock; terms reasonable, with small amount of cash; an opportunity seldom offered to secure a good paying business. Address No. 131, care Florists' Review, Chicago.

FOR SALE—Greenhouses The Chicago Rose Co., Libertyville, Ill. (Joseph Ziska, succ.); about 50,000 sq. ft. glass, 15½ acres land; barn, living rooms, horses, wagons, with railroad switch on premises, which saves hauling coal or other material by wagon; everything modern; same can be had very cheap; houses planted with Brides, Bridesmaids, Richmonds, Killarney and carnations; all new stock, in first-class condition. Inquire of Joseph Ziska, 56 Wabash Ave., Chicago, Ill.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways; orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. 84, care Florists' Review, Chicago.

Situation Wanted

As manager for gentleman's place, public institution, park, cemetery, etc.; practical experience in all branches; reference, first-class. Address, with particulars, C. L., care Joseph Linfoot, 1015 E. McMillan St., Cincinnati, O.

SITUATION WANTED

Florist and grower of roses, carnations, orchids and general line of plants and bulbous stock, 25 years' experience.

Address letter M,
care Henry F. Michell Co., 1018 Market Street, Philadelphia, Pa.

FOR SALE—Half interest in $16,000 wholesale and retail place near Chicago; 25,000 ft. glass, stocked with roses and carnations; seven acres planted in fruit; two dwellings, horses, cows, wagons, buggy, tools, etc., $2500 cash, balance ($5500) $500 per annum, 5 per cent interest; possession March 1st. Address No. 153, care Florists' Review, Chicago.

Situation Wanted

By a married man as foreman or manager; a first-class grower of carnations, mums and general stock; strictly sober and not afraid to work; fully capable of taking charge; can furnish excellent references from former employers; state wages in first letter; answers from up-to-date places only expected. Address Norwood O. Halbrooks, Sta. A., Box 282, R. F. D. No. 2, Columbus, Ohio.

WANTED

Wire Workers AT ONCE

Good wages! Steady work! and extra pay for over hours. Immediate and constant positions for good men.

H. KENNEY,
88 Rochester Ave., Brooklyn, N. Y.

Wanted

A first-class rose and carnation grower; in Pennsylvania; wages $18.00. Address No. 150, care Florists' Review, Chicago.

Storeman

Wanted, a first-class man for retail store in Chicago; must be capable of handling anything that comes along where a large business is done; none but good people need apply; satisfactory wages for the right man. Address No. 48, care Florists' Review, Chicago.

NOTICE

Members of the Illinois State Florists' Association. Notice is hereby given that at the next annual meeting, to be held at Urbana, Ill., Feb. 15 and 16, 1910, a resolution will be presented proposing to amend Section 8 of the Constitution to read as follows:

The Association shall hold its annual meeting and exhibition on the 4th Tuesday of February at Urbana, Ill. Ten members to constitute a quorum. J. F. AMMANN, Sec'y.

Shippers, Attention

We can use to advantage, good Roses, Daffodils, Freesia, Tulips, Lilies and Greens; will either buy outright or sell on commission.

Address No. 158,
Care Florists' Review, Chicago.

A BUSINESS OPPORTUNITY

Wanted a partner with $5,000.00 or more and a good practical knowledge of the florists' business to take one-half interest in an established business, 15,000 feet of glass, with boiler capacity for as much more; also room for 50,000 feet more of glass, which could be made to pay big interest on investment, with a growing wholesale business which now exceeds by nearly half my present ability to produce; centrally located, four railroads and all express companies; all correspondence to be confidential. Address No. 53, care Florists' Review, Chicago.

For Sale Cheap

Greenhouses, within 80 miles of Chicago, covering 48,000 ft. 16x24 double glass; 2 houses, each 225x24½; 2 houses, 120x40; 2 houses, 120x24½; small connecting houses; propagating house, 100x7; heated by two steam boilers, 60 and 80 horse-power; 75 foot brick stack; cement flower cellar, 30x14; office and potting building, 120x14. Address No. 148, care Florists' Review, Chicago.

FOR SALE

A handsome florist wagon, cost $1200; in first-class condition; no finer florist wagon in New York for a retailer; will accept $300 cash. See it without delay. KESSLER BROS.,
50 W. 28th St. New York City

For Sale in Oklahoma,

Greenhouses and Store

Muskogee Carnation Co. will sell up-to-date greenhouses and store to a cash purchaser; the only florist business in city of 25,000 inhabitants; the business will pay for itself in 4 years and the property will DOUBLE itself in 1 year; the finest place to be seen anywhere; come and see it for yourself, I know you will like it.

Muskogee Carnation Co.
C. E. Taube, Manager. Muskogee, Okla.

FOR SALE

Well established florist business in town of 7000 in southern Indiana; consists of 3 houses—6000 sq. ft. of glass, well stocked with carnations and general line of plants for retail trade; a dwelling, seven rooms, and several acres of ground; no opposition; price, $3,500.00; part cash and rest on easy payments to suit purchaser; can give possession at once; correspondence invited. Address No. 125, care Florists' Review, Chicago.

STORE AND RETAIL BUSINESS FOR SALE

A fully equipped and only store in town of 15,000 in New York State, the entire good will and an established business for more than 15 years; business now $8,000 to $10,000 per year and can be much increased by a good live man; on account of poor health am willing to sell at a sacrifice and $3,000 will buy it. If you mean business

Address No. 81,
Care Florists' Review, Chicago.

Wanted

A Designer and Decorator

To take charge of our retail floral department, who is familiar with the general seed business, for, in addition to looking after the cut flower department, he will be required to wait on general retail seed trade when not otherwise engaged. Must be progressive and up-to-date in design work and decorations. Salary, $75.00 per month, which shortly will be increased to $100.00 if you're the man we are looking for. Address

No. 162
Care Florists' Review, Chicago

To Rent

A very rare opportunity

One of the most modern and up-to-date florist establishments of about 15,000 sq. ft. glass, hot water heat, Superior tubular boiler; entire place equipped with electric lights, cement walks and floors; work building 20x115 ft.; 2-story 8-room modern flat; good established business; the conveniences and accommodations to all transportation, etc., are too numerous to mention here, they cannot be excelled; if interested, an investigation will convince.

RICHARD F. GLOEDE
1405-1407 Central St., EVANSTON, ILL.

For Sale!

A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address
No. 68, Care Florists' Review, Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street Cable Address: ALEXCONNELL Western Union Code

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, Pittsburg, Pa.

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2840 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

IOWA SEED CO., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

41 North Pearl St., - ALBANY, N.Y.

Wm. L. Rock Flower Co.

Rock's Flowers Kansas City

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Sharkey

FLORIST

Phone 5195 Madison Sq.

Late with THOS. YOUNG, JR.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Steamer and Theater Work My Specialty

The Avenue Floral Co.

3442 St. Charles Ave.

New Orleans, La.

Our exclusive location calls for best stock. Square deal guaranteed.

OSTERTAG BROS.

Washington and Jefferson Aves.

Both Long Distance Phones, St. Louis, Mo.

MILWAUKEE.

The Market.

All last week the weather was ideal, and this had a tendency to fully restore business to normal conditions. Locally it was quite a busy week, especially in funeral work. This caused a brisk demand for roses and carnations, which consequently held their own and were kept cleaned up all the time. This would not have been the case if the receipts in lilies, both callas and Harrisii, had been heavier. The extremely cold weather in December, which generally comes during January and February, is the cause given for the shortage of bulbous stock at this time. "Couldn't get at them," is what the growers state.

The supply of Beauties in the medium grades was equal to the demand. This was true, also, of roses in the darker shades. As already stated, carnations were kept cleaned up all the time, with the colored stock giving way to the lighter shades. Violets arrived in good supply and moved well.

This week opens with a heavier supply in all lines, except roses. Callas and Harrisii lilies are also more in evidence.

Various Notes.

Christ Valom, who for the last eleven years, prior to December 1, 1909, acted

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

The Flower Shop

136 West 42nd Street

Telephone 259 Bryant New York

In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

SATISFACTION GUARANTEED

The West View Floral Co.

105 Peachtree St., Atlanta, Ga.

Choice Flowers Rare Plants For All Occasions

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS, N. E. Cor. 44th Street and Madison Avenue, NEW YORK
Telephones 4025-4026, 38th Street,
Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.
Cable Dardsflor, Western Union — Established 1874

WARENDORFF
NEW YORK CITY.
The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.
Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

Washington, D. C.
14th and H Streets
Blackistone
Also 1601 Eutaw Place, Baltimore, Md.

The Livingston Seed Co.
FLORISTS
COVER ALL OHIO POINTS
114 N. High St., COLUMBUS, OHIO

CLEVELAND
..The..
J. M. Gasser Company
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

JOHN WOLF
SAVANNAH, GA.
Wholesale and Retail Florist

JULIUS BAER
138-140 E. Fourth St.
Long Distance Phone
Cincinnati, Ohio.

THE SMART SET FLORAL CO.
Broadway and 83rd Street
NEW YORK
Telephone 1790 Riverside.
Prompt and personal attention given your orders by expert artists.

Canada's Florist
Dunlop's
96 Yonge St., TORONTO

Seattle and Coast
Orders Carefully Filled
Graff's Flower Shop
923 1st Ave., Seattle, Wash.

C. C. POLLWORTH CO.
WHOLESALE FLORISTS
Milwaukee, Wis.
Will Take Proper Care of Your Orders in WISCONSIN

LINCOLN, NEB. CHAPIN BROS. Retail Florists
Flowers for all occasions, from cradle to grave.

ST. LOUIS, MO.
Flowers Delivered in City or State on Short Notice
F. H. WEBER
BOYLE AND MARYLAND AVENUES
Both Long Distance Phones

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

WILLIAM J. SMYTH
FLORIST Cor. Michigan Ave. and 31st St., Chicago
We ship to all points in Illinois and Iowa.
PHONES:
Douglas 744, Douglas 523, Douglas 740

MOBILE, ALABAMA
The Minge Floral Co.

ADVANCE FLORAL CO., Five Phones
C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, DAYTON, O.

The Anderson Floral Co.
ANDERSON
533 Marshall Ave., SOUTH CAROLINA

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

TERRE HAUTE, IND.
JOHN G. HEINL & SON, 129 South 7th Street

Louisville, Ky.
JACOB SCHULZ, 550 So. Fourth Ave.

Mrs. M. E. Hollcraft
307 Kansas Ave., TOPEKA, KAN.

A. C. BROWN, SPRINGFIELD, ILL.
LARGE GREENHOUSES

BERTERMANN BROS. CO.
LEADING FLORISTS
241 Massachusetts Ave., Indianapolis, Ind.

Minneapolis Floral Co., Wholesale and Retail Florists
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

as private gardener on the Pfister place, located on the Port Washington road, has purchased ten acres of land north of North Milwaukee, thus becoming a near neighbor of A. Groth, Manke Bros. and Nic Zweifel. Mr. Valom is a regular attendant at all meetings of the Florists' Club, which he has served as trustee for the last three years, and he is one of the few who voice their opinions during the sessions. He does not contemplate putting up any glass for the present.

Nic Zweifel and H. V. Hunkel joined the Chicago party on their way to the Pittsburg convention. After the convention they intend to visit several eastern cities, including New York.

Guy French, carnation foreman at the plant of Poehlmann Bros. Co., at Morton Grove, came up Tuesday, January 18, to inspect some of the stock which of late made Milwaukee famous.

O. F. Coryell called on the trade last week, soliciting orders for some of the new stock being disseminated by the Charles Knopf Floral Co., of Richmond, Ind.

Mr. Miller, of the Racine Floral Co., Racine, Wis., was a caller for a day last week.

Mrs. J. T. Hinchliffe, of Racine, Wis., spent Sunday, January 23, in our midst.

The Holton & Hunkel Co. is making extra efforts to remind folks of McKinley, thereby trying to increase the sales of carnations.

Mr. Pollworth, in speaking for the C. C. Pollworth Co., says that last week,

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

BUFFALO

S. A. ANDERSON
440 MAIN STREET
Special Deliveries Niagara Falls and Lockport

SAMUEL MURRAY
....FLORIST....
1017 Broadway, KANSAS CITY, MO.
Write, Telephone or Telegraph.
All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.
Wholesale and Retail Florists
906 Grand Avenue, KANSAS CITY, MO.
All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by
George H. Berke
1505 Pacific Ave.

Write, Wire or Phone Your Orders to
YOUNG'S
1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2806; Kinloch, Central 4981

J. W. WOLFSKILL
FLORIST
Telegraph Orders a Specialty.
218 W. 4th St., LOS ANGELES, CAL.

Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.
40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

GEO. A. HEINL, LEADING FLORIST, TOLEDO, OHIO
ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON
CLARKE BROS. 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON, St. Paul, Minn.

ST. LOUIS

GRIMM & GORLY
702 Washington Avenue
1510 Cass Avenue
Greenhouses, Taylor and St. Louis Aves.

PROVIDENCE, R. I.
and all New England Points
T. J. JOHNSTON & CO.
171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....
IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART
119 No. 16th St., OMAHA, NEB.

J. J. BENEKE
1216 Olive St., ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

Teresa Badaracco
Art Florist ST. LOUIS, MO.

during the scarcity of stock for funeral work, split carnations of the white and Enchantress shades sold for the same price as good stock. The Pollworths are receiving quite a supply of stevia these days, which moves well.

We hear that Otto Sylvester, of Oconomowoc, Wis., and Herman Staeps, of Elm Grove, Wis., who consign to this market, were rather short on coal during the recent big snow storm.

The club meeting February 3 promises to be a crackerjack. E. O.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
China	San Fr'isco.	Hongkong	Feb. 1
Tango Maru	Seattle	Hongkong	Feb. 1
Umbria	New York	Liverpool	Feb. 2
Finland	New York	Antwerp	Feb. 2
Celtic	New York	Italy	Feb. 2
La Bretagne	New York	Havre	Feb. 3
Laurentic	New York	Liverpool	Feb. 5
New York	New York	S'hampton	Feb. 5
Columbia	New York	Glasgow	Feb. 5
P. Grant	New York	Hamburg	Feb. 5
Merion	Philadelphia	Liverpool	Feb. 5
Ortona	New York	Jamaica	Feb. 5
Cosmo	New York	Porto Rico	Feb. 5
Kurfuerst	New York	Genoa	Feb. 5
Saxonia	New York	Egypt	Feb. 5
Kaiser d. G.	New York	Bremen	Feb. 8
Ivernia	Boston	Liverpool	Feb. 8
Manchuria	San Fr'isco.	Hongkong	Feb. 8
Mauretania	New York	Liverpool	Feb. 9
Emp. of Japan.	Vancouver	China	Feb. 9
La Savoie	New York	Havre	Feb. 10
Galicia	New York	Brazil	Feb. 10
Caledonia	New York	Glasgow	Feb. 12
Pannonia	New York	Naples	Feb. 12
K. Albert	New York	Genoa	Feb. 12
Canopic	New York	Italy	Feb. 12
Hamburg	New York	Genoa	Feb. 15
Chiyo Maru	San Fr'isco.	Hongkong	Feb. 15

John King Dunn
Flower and Plant Shop
644 Madison Ave., just above Fifty-ninth St.
Phone 410 Plaza. New York City

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.
DETROIT, MICH.

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
226 Fulton St., Brooklyn, N.Y.

WELLESLEY COLLEGE
Dana Hall, Walnut Hill and Rockridge Hall Schools. TAILBY, Wellesley, Mass.
Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

Texas Dallas Floral Co.
DALLAS, TEX.
Choice Flowers always on hand. Grown here.

Rosemont Gardens
W. B. Paterson, Prop.
116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, Florists
Telephones 1501 and L 1583
1415 Farnum Street, OMAHA, NEB.

U. J. VIRGIN
838 Canal Street, New Orleans, La.

Evanston and Chicago
JOHN WEILAND EVANSTON, ILL.

MICHIGAN Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist at GRAND RAPIDS

Atlanta Floral Co.
41 Peachtree Street, ATLANTA, GA.

Spokane Florist Co.
SPOKANE, WASH. Up-to-date Florists

BEYER FLORAL CO., SOUTH BEND IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

BROWN

New York's Most Modern Florist Store
"The Belnord"
2360 Broadway
New York City
Telephone No., 1219 River
Personal Attention Given Your Orders.
Satisfaction Guaranteed.

Coombs LEADING FLORIST
Hartford, Conn.
Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
124 TREMONT ST. BOSTON

All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand
McKenna
MONTREAL

ST. PAUL, MINN.
Order your flowers for delivery in this section from the leading Florists of the Northwest.
L. L. MAY & CO.
ST. PAUL, MINN.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON D.C.
WASHINGTON, D. C.
GUDE'S

The Park Floral Co.
J. A. VALENTINE
Pres.
DENVER, COLORADO

Jacksonville Floral Co.
20 Laura St. Jacksonville, Fla.
We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.
Choice Seasonable Flowers
ALWAYS ON HAND.

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WE find the REVIEW a necessity in our business; we could not well do without it.—H. J. WEBER & SONS NURSERY CO., Nursery, Mo.

FRIDAY is a lucky day, for it always brings to us that bright, interesting, up-to-date paper, the REVIEW.—HOFFMEISTER FLORAL CO., Cincinnati, O.

Established 1857.
Wittbold FLORIST
737-739 Buckingham Place
L. D. Phone 558 Lake View
CHICAGO
Send us your retail orders. We have the best facilities in the city.

Send Your **PHILADELPHIA** Orders to
CHARLES HENRY FOX
Sign of the Rose
BROAD AND WALNUT STREETS
Always on Time

David Clarke's Sons
2139-2141 Broadway
Tel. 1552, 1553 Columbus
NEW YORK CITY
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

HUGO H. JAHN
Floral Designer and Decorator
Nostrand Ave. and Prospect Place, Brooklyn, N. Y.
Telephone No. 1592 Bedford
In the heart of the Bon Ton section of the City of Churches. Send your orders for steamers, theaters, etc. One trial will convince you.

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59-61 Massachusetts Ave. (or Commonwealth Ave.)
BOSTON.

GEO. C. BAKER, Florist
206 E. Park Ave., San Antonio, Texas

JOHN A. KEPNER
Box 3, HARRISBURG, PA.
Wholesale or Retail. Orders Satisfactorily Filled

J. F. AMMANN Long Distance Phones
Edwardsville, Ill. Alton, Ill.

The Fernery **E. D. SCHULTHEIS** FLORIST
Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.
HALL & ROBINSON, 855 St. Catherine Street, West.

STATE NURSERY CO. Cut Flowers
155,000 Sq. ft. of glass at your service
Helena, Montana



Dorothy Gordon

Being disseminated by

Joseph Heacock Company

Grow this Carnation for Big Profits in 1910!

After two years of careful watching and tending—giving it every opportunity to show its defects, if it had any—

After putting it on the cut-flower market and seeing it produce a sensation in the retail field, and after hearing it highly praised by every prominent grower who saw it—

After all this, we are ready to PROVE that our new Carnation Dorothy Gordon, of which you have heard so much recently and which is illustrated on the preceding page, is a real, genuine success — and that the grower who has it will make money!

Carnation Dorothy Gordon has a rapidly widening circle of friends; you'll surely begin to grow it for your trade sooner or later. This is your opportunity to get in NOW. Here are some of the noteworthy features of this new Carnation:

Vigorous constitution—freedom from disease.

Very large size and excellent form of flowers; these average over three inches in diameter. See illustration on facing page.

Wonderful profusion of bloom—one-third more flowers than Enchantress.

Excellent color—a trifle darker than Rose Pink Enchantress and more uniform in shade. Delightful fragrance.

Long, stiff stem and a bud with unusual keeping qualities.

Let's take these matters up in detail. Here is a Carnation that bears solid, lasting flowers of good standard color, three to three and a quarter inches in diameter. That's a big thing in itself, but add to it the fact that plants of this variety bear 130 good, commercial buds where the best sorts—Enchantress, for instance—bear only 100, and it looks bigger yet, doesn't it? But even that isn't all: buds of

Carnation Dorothy Gordon

Bring a price fifty per cent higher than buds of Enchantress, according to our actual experience for two years in the markets of Philadelphia. In other words, we have made Dorothy Gordon show up double the profits of Enchantress under the same conditions and with equal care. Here is a little table of figures based upon our own sales, that explains it:

100 Enchantress, worth say	**$6 00**
50 per cent extra realized for Dorothy Gordon	**3 00**
	$9 00
One-third more Dorothy Gordon from same number of plants	**3 00**
	$12 00

We're enthusiastic, to be sure, but in Dorothy Gordon we have something to support it, as the above table will show.

Up to October, 1909, without a particle of advertising, we had sold 60,000 rooted cuttings of this Carnation on its own merits at the prices given below. While we have now greatly enlarged our facilities, it is still evident that our present supply will not be adequate to meet the demand. Dorothy Gordon is in the hands of an experienced propagator at our plant, and we quote strong rooted cuttings at the following popular prices:—

$10 per 100, $75 per 1,000

That we are maintaining these figures is shown by our books, which are open to inspection at any time.

Our plant is likewise open to you—we urge you to come to Wyncote and investigate this worthy new Carnation for yourself. "Seeing is believing," and if we cannot sell Dorothy Gordon on its own merits we do not want to sell it at all.

We are easily reached from Philadelphia—twenty-five minutes from City Hall on the "Reading," with a service of 100 trains a day through the week. We're open every day except Sunday, and will welcome you at any time.

But don't put it off—you owe it to yourself to investigate Dorothy Gordon. If you cannot do it in person, drop us a line for full particulars.

Again — **don't put it off!**

Extract from the minutes of the Florists' Club of Philadelphia, January 5, 1909

Your committee on Novelties visited the establishment of Joseph Heacock Company and examined their new Carnation, "Dorothy Gordon," on December 30. The variety resembles Rose Pink Enchantress in color and form, but it is superior to that variety in being of a more uniform color, and is also larger and of greater substance. It is of stronger constitution and has a stiffer flower stem. Your committee tested the keeping qualities and find them to be good. The flowers were kept in an ordinary potting shed, and were salable four days after being cut.

(Signed) EDWIN LONSDALE, J. W. COLFLESH, ROBERT CRAIG } *Committee*

Attest: DAVID RUST, Secretary

Joseph Heacock Company, Disseminators, Wyncote, Pa.

Designed and written by The McFarland Publicity Service, Harrisburg, Pa.

FANCY FERN Finest Stock FANCY FERN

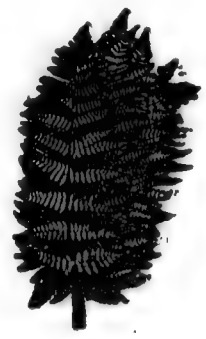


Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, **Detroit, Mich.**



Mention The Review when you write.

For Southern Wild Smilax
—Write or wire—
R. A. Lee & Co., Hatcher Station, Ga.
New crop Dagger Ferns ready May 1st.

Southern Wild Smilax Ferns, Pines, Palms, Holly
Louisville Floral Co., Louisville, Ala.

ERIE, PA.

The greenhouses are covered with a heavy weight of snow and stock is exceedingly scarce.

Miss Thekla Baur has returned from a visit in Welland, Ont.

The following were visitors in the city lately: Wm. J. Smith, of Boas & Co., Philadelphia; F. W. Bannister, of H. D. Mann & Co., Syracuse; Paul Berkowitz, of Bayersdorfer & Co., Philadelphia, and M. J. Beatus, of Dayton, O.

Miss Hazel Shade has taken a position as saleslady in Baur's flower store and Miss L. Gardener one at the greenhouse office.

John Kaltenbach and John Gleichsner, who have been on the sick list, are convalescent.

Mrs. Maggie Lindgren, of Youngsville, Pa., has returned to her home after a brief visit with Mr. and Mrs. A. J. Baur.

The Bachelors of Erie gave a dance at Scott's hall January 25. The floral decorations were elaborate and were furnished by the Baur Floral Co. B. P.

NEWELL, W. VA.—The annual business meeting of the stockholders of the Lake Newell Floral Co. was held Tuesday evening, January 11, and resulted in the election of the following directors: John Schmeltzenbach, T. B. Anderson, George W. Clarke, James Miles, R. W. Patterson, Walter L. Hill, W. W. Harker and F. B. Lawrence. Encouraging reports of last year's business were presented.

NORTH AUGUSTA, S. C.—Boatwright's Floral Co. furnished the decorations for the debut of Miss Daisy Jackson, at Hampton Terrace hotel. The affair was an elaborate and fashionable one, with arrangements for 400 guests, and the decorations, as was appropriate, were entirely of daisies. Three centerpieces were used on one 30-foot table, and at each place was a shower of daisies. This firm also had charge of the decorations for a recent reception of an unusually elegant character, where Killarney roses, carnations, Roman hyacinths, etc., were lavishly used.


FANCY


DAGGER

New Crop Hardy Cut Ferns
First Quality. Write for Prices
ALSO DEALERS IN
....BALED SPRUCE FOR CEMETERY USE....
BOUQUET GREEN, SPHAGNUM MOSS, Etc.
L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

Mention The Review when you write.

Galax, Leucothoe, Ferns, Etc.



Brilliant **Bronze Galax**.....50c per 1000; $4.00 per case of 10,000
Green Galax.....50c per 1000; 4.50 per case of 10,000
Leucothoe, green, standard length.....$2.50 per 1000
" " short beauties..... 1.25 per 1000
" bronze, good length..... 4.00 per 1000
Dagger and Fancy Ferns.....$1.25 per 1000; $5.00 per case of 5000



We can just simply fill your orders and fill them now. Quality always guaranteed.

T. J. RAY & CO., Elk Park, N. C.

Mention The Review when you write.

WILD SMILAX Case or carload lots. Get my prices; it will save you money.
WM. MURPHY, 311 Main Street, **CINCINNATI, OHIO**

Mention The Review when you write.

Southern Wild Smilax
Gathered for you any day.
October 1 to Easter.
To the **Florist Trade** only.
R. M. WOMACK, Wills Point, Tex.

Mention The Review when you write.

Southern Wild Smilax
NOW READY FOR SHIPMENT
Write, wire or phone the introducers
CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

Always mention the Florists' Review when writing advertisers.

LEUCOTHOE SPRAYS
We have on hand the finest lot of Leucothoe Sprays ever gathered in this country, and can furnish them in any quantity, both colors. A trial order will convince you that we mean what we say. Our prices are as follows: **Green Leucothoe,** 24 inches and up, $2.50 per 1000; 16 inches and up to 24, $1.50 per 1000. **Bronze Leucothoe,** good lengths and colors, $4.00 per 1000.
THE TUCKASEIGEE EVERGREEN CO., Sylvia, N. C.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH
Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.
Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.
J. N. PRITCHARD, Elk Park, N. C.

Always mention the Florists' Review when writing advertisers.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$5.00

Boxwood
Per bunch....25c Per case of 50 lbs... 6.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$6.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.00 Per 50 lb. case.. 5.00

WRITE ME FOR SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Street, Cincinnati, Ohio

Mention The Review when you write

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

Mention The Review when you write.

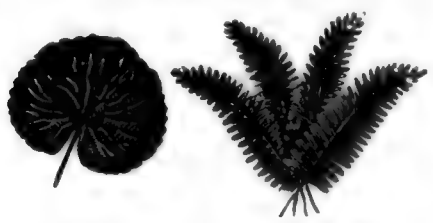
WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green.....$0.50 per 1000
Galax, bronze..... .50 "
Ferns, dagger and fancy..... 1.00 "
Green Leucothoe Sprays, regular lengths..... 2.00 "
Green Leucothoe Sprays, 10 to 15 inches..... 1.00 "
Bronze Leucothoe, regular lengths..... 2.75 "
Bronze Leucothoe, 10 to 15 in... 1.50 "

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.



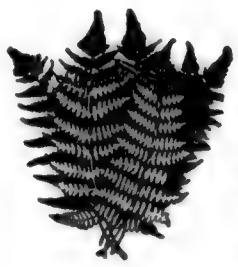
GALAX LEAVES. DAGGER FERNS.

Dagger Ferns or Fancy Galax Leaves, bronze or green; all A-1 stock, guaranteed. Can also send samples. Once tried you will always use our stock. **A. L. FORTUNES**
70 Liberty Street, Brooklyn, N. Y.

Perpetuated and Natural Sheet Mosses
Southern Wild Smilax
E. A. BEAVEN, Evergreen, Ala.

HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS
CUT FLOWERS OF ALL KINDS



Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.

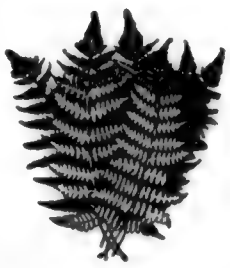


15 Province St., and 9 Chapman Place, BOSTON, MASS

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, 80c per 1000; 3.25 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. BANNERS ELK, N. C.

Mention The Review when you write.



Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Always mention the Florists' Review when writing advertisers.

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

CALIFORNIA growers report weather and soil conditions as favorable to the new crop.

JOHN R. HAMILTON, once a well known seedsman at Louisville, Ky., died in that city January 19, aged 83 years.

O. S. JONES & Co., formerly at Madison, S. D., have removed their headquarters to Sioux Falls, S. D.

AT the canners' convention at Atlantic City February 7 to 12 a place on the program has been provided for a discussion on seed peas.

J. W. JUNG, Randolph, Wis., says that when he came to thresh his aster seed crops he found that, instead of having a surplus, he was unable to fill contracts on most varieties.

THE government seed shop is making its contracts with growers for seeds for the 1911 congressional distribution. A number of growers have been at Washington in the last few days to get their share of the business.

L. W. WHEELER no longer is connected with the Braslan Seed Growers' Co. On his present trip east he represents A. J. Pieters, Hollister, Cal., Hogue-Kellogg Co., Ventura, Cal., and the Ebbert Seed Co., Rocky Ford, Colo.

BROKERS who deal in canned goods predict higher prices, stating that farmers last season made more money from field than from sweet corn, and argue from that fact that the acreage of sweet corn this year will be less if prices paid by packers do not rise.

IT is reported that Northrup, King & Co., Minneapolis, have established a branch at Billings, Mont., in charge of M. B. Gray. This doubtless came from an item in a Billings paper of November 12, reporting Mr. Gray's arrival there. In the trade it is pretty well understood that for the last fifteen years Northrup, King & Co. have grown more or less of their peas in the vicinity of Billings. They are slightly increasing their acreage there this year.

IMPORTS.

The imports of seeds through the port of New York for the week ending January 15 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto...	3	$ 45	Grass	53	$1,004
Canary ..	1,606	3,134	Hemp	10	95
Caraway ..	209	2,461	Lycopodium..	1	79
Cardamom	10	392	Millet	180	567
Castor ...	3,308	12,640	Mustard	685	4,346
Clover ...	200	6,600	Onion	13	374
Coriander .	294	698	Poppy	147	891
Cummin ..	58	776	Sugar beet ..	250	1,940
Fennel ...	2	30	Other	..	4,149

In the same period the imports of bulbs, trees and plants were valued at $13,939; peas, $14,400.

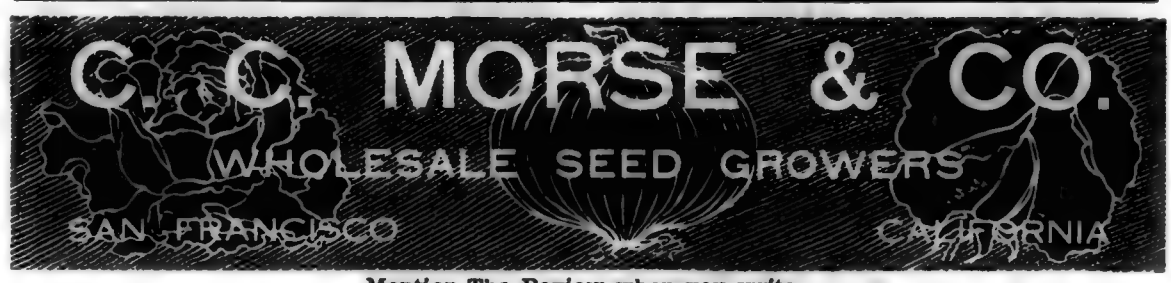
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CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

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YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalog

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The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

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Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

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Onion Sets = Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

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ONION SEED

We grow the very best strains of Yellow, Red and White Globe seed. Grown on our own farms, with special reference to the needs of the planter. We can please you.

Write for booklet and prices.

LAUGHLIN SEED CO., Kenton, O.

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Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

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DISCLAIMER IS UPHELD.

Custom of the Trade Makes Law.

The seed trade's disclaimer was upheld at Des Moines, Ia., January 19, in the case of Geil vs. Iowa Seed Co., to which previous reference has been made in this column of the REVIEW. The issue was rested directly on the disclaimer in order to get a judicial interpretation

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

BEAN, CUCUMBER, TOMATO

Radish, Pea, Muskmelon

Squash, Watermelon, Sweet Corn

CORRESPONDENCE SOLICITED.

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GET QUOTATIONS FROM

LANDRETH SEEDS WHICH SUCCEED

Bloomsdale Farms **BRISTOL, PA.**

Mention The Review when you write.

THE HAS. H. TILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

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New York City Store, 82-84 Dey Street

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Waldo Rohnert

GILROY, CAL.

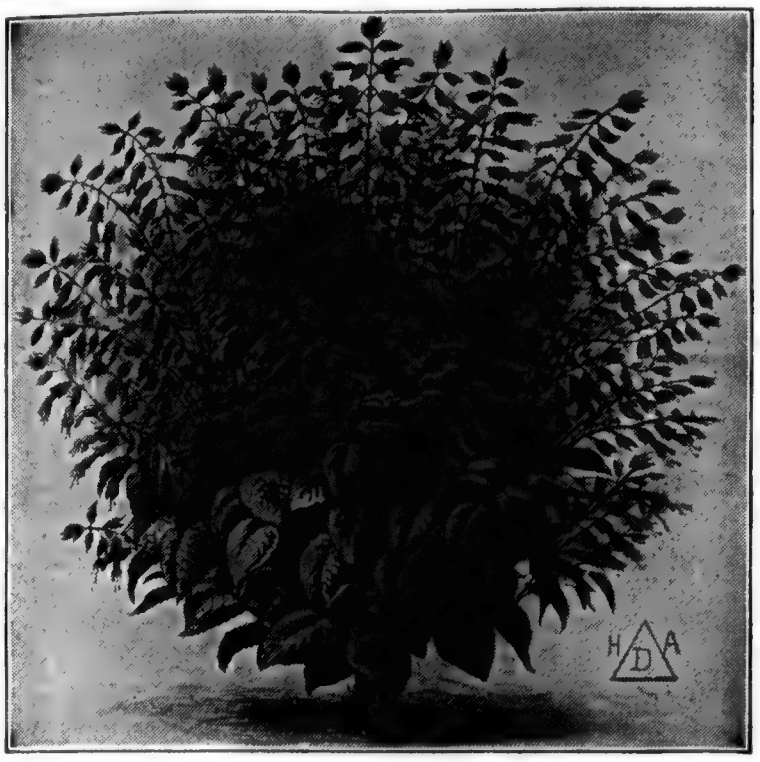
Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.

Correspondence solicited.

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DREER'S RELIABLE FLOWER SEEDS



SALVIA BONFIRE

We offer below a short list of flower seeds which should be sown early. New crops of same are now ready. For complete list see our current Wholesale Catalogue. If you have not received a copy we will send you one on application.

	Tr. pkt.	Oz.
Ageratum Blue Perfection, dark blue	$0.15	$0.50
Ageratum Cope's Pet, light blue	.15	.35
Alyssum Little Gem or Carpet of Snow, very dwarf	.15	.40
Antirrhinum Giant, white	.20	.50
" " scarlet	.20	.50
" " pink	.20	.50
" " garnet	.20	.50
" " yellow	.20	.50
" " striped	.20	.50
Begonia Semperflorens Vernon	.25	
Candytuft Empress, best white	.10	.20
Centaurea Gymnocarpa	.15	.35
" Candidissima	.25	.75
" Cyanus, new double blue	.25	.75
Cineraria Maritima Candidissima	$0.10	$0.20
Cobaea Scandens, blue	.15	.40
" " white	.20	.75
Delphinium Belladonna, new	.17	
Dracaena Australis	.15	.60
" Indivisa	.10	.30
Pennisetum Rueppellianum	.10	.25
Heliotrope Lemoine's Giant	.40	2.00
Ipomoea Grandiflora (White Moonflower)	.15	.40
Lobelia Crystal Palace Compacta, true	.25	1.00
" Emperor William	.25	1.00
" Speciosa	.15	.50
" Gracilis	.15	.40
Petunia Dreer's Superb Single Fringed	.50	
" Dreer's Superb Double Fringed, $1.50 per 1000 seeds.		
Pyrethrum aureum (Golden Feather)	.10	.25
Salvia Splendens, Scarlet Sage	.25	1.00
" " Bonfire	.40	2.25
" " Ball of Fire	.50	3.00
" " Burning Bush	.40	2.00
" " Zurich	.50	
Smilax	.10	.30
Solanum Capsicastrum	.10	.25
Stevia serrata	.20	.75
Stocks Large Flowering 10 weeks, blood red	.40	2.50
" " " " canary	.40	2.50
" " " " rose	.40	2.50
" " " " light blue	.40	2.50
" " " " purple	.40	2.50
" " " " pure white	.40	2.50
Stocks Cut and Come Again, white	.50	3.00
" " " " " rose	.50	3.00
" " " " " blood red	.50	3.00
" " " " " dark blue	.50	3.00
" " " " " yellow	.50	3.00
" " " " " lilac	.50	3.00
Thunbergia, mixed colors	.15	.40
Torenia Fournieri	.30	1.50
Verbena Mammoth, pink	.30	1.25
" " blue	.30	1.25
" " purple	.30	1.25
" " scarlet	.30	1.25
" " striped	.30	1.25
" " white	.30	1.25
" " finest mixed	.25	1.00

HENRY A. DREER 714 Chestnut St., PHILADELPHIA, PA.

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Fine Aster Seed

Catalogue now ready

Vick & Hill Co.

P. O. Box 613 ROCHESTER, N. Y.

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Every Florist Who Grows ASTERS

should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

When writing, mention this paper.

JAMES VICK'S SONS
ROCHESTER, N. Y.

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Send for our new and complete Spring 1910 Catalogue.
Full List Seeds, Bulbs, Plants.
H. H. BERGER & CO., 70 Warren St., New York
Mention The Review when you write.

Reliable Seeds, Sow Now

		Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts., $1.25; oz.,	$5.00 $0.25
Begonia Gracilis Luminosa, best scarlet bedder	6 tr. pkts.,	$ 2.50 .50
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6 "	2.50 .50
Echeveria Woodlawn, new, ready in 6 months after sowing	1000 seeds,	2.00 .50
Myosotis Winter Queen, finest for greenhouse cut	oz.,	4.00 .50
Petunia, Zangen's selections of **Double Fringed Giants**	6 tr. pkts.,	5.00 1.00
Petunia, Zangen's **Single Ruffled and Fringed Hybrids**	6 "	5.00 1.00
Phlox Drummondi, nana compacta Fireball	Best for pot use. oz.,	2.50 .35
Phlox Drummondi, dwarf **Roseball**	" "	2.00 .30
Phlox Drummondi, nana compacta Snowball	" "	3.00 .40
Phlox Drummondi Cecily, large flowered dwarf mixed	"	2.50 .35
Salvia Zangen's Fireball, finest for pot use	Unexcelled strain "	4.00 .50
Salvia Zangen's King of Scarlets, best late	of my own "	10.00 .50
Salvia Zurich, most valuable for early pot use	raising. "	8.00 .50
Stocks, Beauty of Nice, **Daybreak, White** best for cutting, each, separate	"	3.00 .50
Verbena Mammoth, auricula flowered, blue, pink, purple, scarlet, striped, white, each, separate	"	1.50 .25
Mixed colors	"	1.25 .20

My new catalogue is ready now. If you are interested in Flower Seeds of horticultural and floricultural value, ask for the same. It's free.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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GLADIOLI...

Here is good value. All stock is 1½-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3 00	$25.00	Geo. Paul	$4 00	
Golden Queen	4.00	30.00	Giant Pink	4.00	$30.00
America	3.50	30.00	Le Pactole	3 00	25.00
Augusta	2.00	15.00	Klondyke	4.00	30.00
Africa	4.00		May	2.00	15.00
De Cheville	2.00	15.00	Mohawk	5.00	
Easter	1.50	12 00	Mrs. Francis King	2 50	20 00
Florida	2.00	15.00	Marie Lemoine	1.50	10.00

5 per cent discount for cash.

E. E. STEWART, - Rives Junction, Mich.

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PEDIGREE SEEDS

Vegetable—Flower

Have You Tried Our Specialties?

Write now for our New Illustrated Catalogue.

WATKINS & SIMPSON, Limited

Wholesale Seed Merchants

12 Tavistock St., Covent Garden, London, England

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of it, and the court took the case out of the hands of the jury and directed that judgment be found for the seed trade. The case is one which will hereafter be cited as a precedent.

A. A. Geil, the plaintiff, claimed to have purchased five and one-half bushels of clover seed from the Iowa Seed Co. as medium or common red clover; that he sowed same and did not notice any difference the first year, but the second season that it proved to be mammoth red clover. He abandoned his crop. Defendant denied that it was mammoth, claiming that the unusually large growth was caused by rich soil and wet weather, but did not press this point, preferring to have the case decided on the disclaimer. It was shown that the defendant publishes in several places in its catalogue a so-called disclaimer refusing to warrant seeds; that this disclaimer is also printed on large placards posted in various prominent places in its building; that the disclaimer also was printed on the receipt given to the plaintiff for the money paid for this seed; that this is a general custom with all seed dealers in the United States and Europe, which was confirmed by an exhibit, not only of defendant's own catalogue, but the catalogues of more than 100 American seed dealers and about forty foreign seed dealers, all of which contained the disclaimer.

After four days' trial Judge McHenry ruled that there was no warranty, either express or implied, and that it was a universal custom of the seed trade, and had been for many years past, to sell seeds without warranty, and that this custom and usage had become established as a law of which the purchaser of seeds is bound to take notice.

The court, in his decision on defendant's motion to dismiss the case, discussed the non-warranty as follows:

The facts disclosed by this record are about these. The plaintiff, A. A. Geil, acting for himself, and two other gentlemen of the same name, notified the clerk of the defendant, Mr. Park, that they wanted some good red clover seed, and was told by Mr. Park that they did not have it at that time but they would have it later. Later, by some means or other, the plaintiff had knowledge that the time had come for him to come in and get the seed, and went to the warehouse of the Iowa Seed Co. And the testimony is entirely silent as to any conversation there between A. A. Geil and Mr. Park, but the fact is Mr. Park produced seed in bags and gave it to Geil as and for what Geil had wanted and asked for, common red clover seed. The testimony does not disclose a single word in the conversation between A. A. Geil and Park at the meeting, but simply the fact Park delivered the seed to Geil and Geil put it in his wagon and drove home with it. This seed turned out not to be common red clover seed, but the seed known as mammoth red clover, which the plaintiff contends is less valuable. In fact, contends that it is of no value as a crop on this soil and in this latitude.

The petition in this case does not specify whether the claim is founded upon an express warranty or an implied warranty. Simply alleges he bought the seed for common red clover seed and was delivered the mammoth red clover seed and alleges the damage which followed.

It also appears, and without contradiction in the record, that the universal custom among dealers in seeds is, and for many years past has been, not to warrant seeds to be true to name or the quality of the seeds. It also appears, and without any contradiction in the record, that all the seed houses in America practically, with one exception of a man who sells nothing but flower seed, publish this custom of the seed dealers in all of their circulars and pamphlets and in practically all of their correspondence and in their billheads and receipts. In this case, it appears it has been constantly kept in all of the catalogues of the Iowa Seed Co., besides on placards about their store and warehouse, and embodied in their billheads which they use for the purpose of making the receipts, and was in fact printed upon the receipt given in this case to A. A. Geil for the money paid for this seed. In this particular case it reads as follows: "We exercise great care to have all seed sold by us pure and reliable, but it is mutually agreed between ourselves and the purchaser of this bill that no warranty is either given or required."

I need not undertake to discuss the proof here as to the damage sustained. It will be sufficient for me to say here now that if this case were to go to the jury there would be a fair question for the jury as to whether there was damage or not and what the amount of

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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Cauliflower Seed



Wiboltt's Earliest Snowball, No. 34, at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Wiboltt's Extra Early Dwarf Erfurt, at $8.00 per lb.; 5 lbs. at $7.00 per lb.

Wiboltt's Danish Giant, "Dry Weather," at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Larger lots prices separately. We ask new customers to send cash with order.

R. WIBOLTT,

Seed Grower and Seed Merchant.

NAKSKOV, DENMARK

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Villa Mimosa, St. Remy de Provence, France

Accepts Contract Orders for 1910 in **Aster, Balsam, Cyclamen, Phlox, Primula sinensis, Portulaca, Verbena, Zinnia, Pepper, Tomato** and every other sort of seeds.

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Azaleas, Rhododendrons, Clematis,

Roses, pot-grown plants for forcing.

Buxus, Conifers, Japanese Maples,

Shrubs, Palms, Bulbs, Etc.

A postal brings our catalogue.

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Bismarck Summer-flowering Stocks

(GILLYFLOWER)

Golden Ball—Canary Yellow

NOVELTY 1910

For the Gardener interested in Cut Flowers, this is just the right thing. **The Best Novelty in the World.** The Bismarck Summer-flowering Stock makes cone-shaped bushes, about 3 feet high, with wonderfully large, canary yellow clusters. It blooms throughout the entire summer season and even into the late fall. This Bismarck Summer Stock produces about 80% double flowers and is indispensable for the artistic work of the modern florist. When placed on the market in the form of a pot plant, it has no equal. **This Season's Best Novelty.** 1 packet, 15c; 10 packets, $1.25; 100 packets, $11.00.

Bismarck Stocks Snowball, Snow White Novelty of 1909

This new kind has the same good qualities as the above mentioned novelty. The flowers are very large, snow white and are splendid as cut flowers and for sale on the market. 1 packet, 15c; 1000 seeds, 50c; ¼ oz., $1.50 1 oz., $5.00.

Giant Summer Stocks Gloria, Bright Blood Red—Excelsior Class.

Produces panicles of great length, bright and blood red; the flowers are gigantic. Great novelty. Fine for cut flowers. 1 packet, 15c; 1000 seeds, 65c.

Summer Stocks Himmelsauge (Eye of the Sky).

Belonging to the dwarf class; novelty; wonderful light blue color; the best for pot culture; produces from 80% to 85% double flowers. 1000 seeds, 30c; ¼ oz., 90c.

Dresden Summer Stocks, with large Blossoms and Everblooming.

Best for cut flowers. 1, apple blossom; 2, dark blue; 3, light blue; 4 flesh colored; 5, dark blood red; 6, chamois; 7, soft rose; 8, purple carmine; 9, red brown; 10, crimson; 11, canary yellow; 12, snow white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

Erfurt Summer Stocks, with Large Blossoms; Best for Groups.

1, brilliant rose; 2, carmine; 3 crimson; 4, dark violet; 5, dark blood red; 6, flesh colored; 7, canary yellow; 8, light blue; 9, aurora colored; 10, pure white.
Each color separate, 1000 seeds, 25c; ¼ oz., 60c; 1 oz., $2.00. All colors mixed, 1000 seeds, 20c; ¼ oz., 50c; 1 oz., $1.60.

English Summer Stocks De Luxe Mixture, Seeds from the Open Ground.

¼ oz., 35c; 1 oz., $1.10.

Please Send Cash With Orders.

WEIGELT & CO., Seed Specialists, ERFURT, GERMANY

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Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

P. O. Box 1250 26 Barclay St., NEW YORK

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Largest Importers, Exporters, Growers and Hybridists in the world.

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From BELGIUM Palms, Araucarias, Bay Trees, Azalea Indica, etc.
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From GERMANY Valley Pips. Early or late forcing.
From ENGLAND English Manetti, selected for grafting.
From JAPAN Lilium Longiflorum Giganteum, Multiflorum, etc.

Full list Japanese, Holland, English and French Nursery Stock

Write for catalogues, special lists, etc., mentioning the class of stock you are interested in.

RAFFIA 5 grades. Bale lots only.

Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

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17 MURRAY STREET NEW YORK

VAN GRIEKEN'S BULBS

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LISSE, HOLLAND
Write for Catalogue.

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PLANTS and BULBS for Florists' forcing; Azaleas, Rhododendrons, Lilacs, etc.; Romans, Valleys, Lilies, etc., imported to order; delivery, Fall season 1910. Address

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German Stock Seeds

A GRAND SPECIALTY

Price list on application.

PAUL TEICHER, Striegau, Germany

Oldest Special House

CAULIFLOWER CABBAGE Seed

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

Always Mention the....

Florists' Review

When Writing Advertisers

Rawson's World Renowned Asters

We never had a dissatisfied customer with Rawson's Asters; we need no better recommendation. Rawson's Aster Seeds are fresh, plump and of unapproachable quality.

NOVELTIES FOR 1910

ASTER, AURORA. The most unique colored Aster ever introduced. Yellow, passing to old rose. The flower-petals first appearing are shaped similar to those of the "Comet" type and are a perfect yellow, but when the flower is fully expanded it takes on a tint of delicate fresh rose, which the artist calls "old rose." The plant grows fully 24 inches high in a pyramid form and produces any quantity of double blooms 3½ inches across. Pkt., 35 cts.

ASTER, CACTUS CELESTINE. A new form of petal, resembling exactly a true Cactus Dahlia. The color is a most delicate lilac of unusual beauty. Pkt., 20 cts.

ASTER, CROWN OF GOLD. A pure, delicate yellow flower, of good size and borne on stout stems, resembling in shape the Victoria Aster. Its color is original and did not exist heretofore. Pkt., 20 cts.

ASTER, RAWSON'S NEW GLORY.

(Introduced by us in 1909.)

The most perfected type of Giant Comet that can possibly be produced. The flowers invariably measure 6 inches across and are **always double.** In our whole field last year we could not discover a single plant which showed the least sign of disease. The long stems are graceful and not stiff. Colors are distinct and most desirable for commercial use.

	⅛ oz.	¼ oz.	oz.
Pure White	$0.60	$1.00	$3.50
Delicate Lavender	.60	1.00	3.50
Shrimp Pink	.60	1.00	3.50
Finest Mixed	.50	.80	3.00

ASTER, TRIUMPH OF PARIS. The nearest approach to a yellow aster. The form is a single comet with a quilled center. The petals consist of two rows of glistening white, while the quills are a clear yellow. Stems range 2 feet in height and produce the giant blooms singly. A grand aster for the florist. ⅛ oz., $1.00.

THE CREGO ASTER. This aster is the nearest approach to a chrysanthemum of any flower grown. It is unusually large in size, running 4 to 5 inches in diameter when well grown. The petals are about double the length of those in the older varieties, and are twisted and curled in such a manner as to give the blossoms an exceedingly beautiful fluffy appearance. The plants are large and vigorous, producing their blossoms on very long stems. The central stalk is very short, the branches breaking out very near the ground, are generally clean their entire length, needing little or no disbudding, making it the easiest variety to prepare for market I have ever seen. Our seed is direct from the originator.

		⅛ oz.	½ oz.	oz.
Colors:	Pure White	$1.00	$3.50	$6.00
	Shell Pink. (Exact shade of Enchantress Carnation)	1.00	3.50	6.00
	Dark Pink	1.00	3.50	6.00

ASTER, RAWSON'S PINK BEAUTY. Unquestionably a grand and valuable florist aster and mainly so on account of its color and massive flower. The form of flower is a perfected Victoria which never shows a center. The color is so intensely beautiful that a graphic description can never do it justice. Delicate peach-tinted pink with a glowing shade of rich pink towards the center. No other aster can boast of such a pleasing combination. The stem of this flower is fairly tall and very erect. The plant branches from the bottom. ⅛ oz., 60 cts.; oz., $4.00.

ASTER, GEISHA. This strain originated in Japan and this can easily be seen in the formation of the flower. We were so much impressed with the attention the visitors to Rawson's Dahlia Farm paid to this fantastic type that we were actually forced to catalogue it and now believe it has a great future. The plant is extremely robust and produces stout stems growing very erect and carrying their gigantic flower formed of fine needle-shaped tubed petals around a conspicuous central disc. The very open center of this flower has an immense charm which appeals to the public, and as we must first of all please them, this is a point in its favor.

		⅛ oz.	oz.
Colors:	Pure White	$0.60	$4.00
	Salmon Pink	.60	4.00
	Delicate Lavender	.60	4.00
	Finest Mixed	.60	4.00

STANDARD VARIETIES

DAWN OF DAY

(Novelty, 1908.) The earliest flowering Aster in existence. Fine white, perfect in form and growth, long branching stems and flowers; often three weeks ahead of Queen of the Market. It is of branching habit and very full and if freely cut will continue to bear blooms until late in fall. See last week's Review, page 8. ⅛ oz., 50c; oz., $3.00.

RAWSON'S NEW MIDSUMMER ASTER.

This is our own introduction. We have received high praise from all growers. It has most graceful formed flowers, which are borne on immense long stems full two weeks ahead of the Late Branching Aster, and the plants will continue to bear flowers as late.

STANDARD VARIETIES—Continued

The colors are true and hardly any open-centered flowers among them.

	¼ oz.	oz.		¼ oz.	oz.
Pure White	$0.60	$2.00	True Lavender	$0.60	$2.00
Delicate Shell Pink	.60	2.00	Bright Rose	.60	2.00
Royal Purple	.60	2.00	Finest Mixed	.50	1.50

RAWSON'S DAYBREAK. This variety must not be compared with the strain offered elsewhere and a trial will convince the ever-so-critical of its superiority. ⅛ oz., 40c; oz., $2.50.

RAWSON'S PURITY. (Pure white.) Of the same type as Daybreak, differing only in color, which is a pure glistening white. Just as free-flowering and symmetrical as Daybreak and undoubtedly unsurpassed as a white bedding variety. ⅛ oz., 50c; oz., $3.00.

ASTER. RAWSON'S LATE BRANCHING. Flowers are very large in size and borne on long, stiff stems. It is one of the best and most popular varieties for late flower markets.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.25	$0.75	Rose Pink	$0.30	$1.00
Crimson	.30	1.00	Shell Pink	.30	1.00
Dark Blue	.30	1.00	Scarlet	.30	1.00
Light Blue	.30	1.00	White	.30	1.00

RAWSON'S QUEEN OF THE MARKET ASTER. The best early Aster for the Florist, quality being very much improved.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.15	$0.50	Rose	$0.20	$0.60
Crimson	.20	.60	Peach Blossom	.20	.60
Dark Blue	.20	.60	White	.20	.60
Light Blue	.20	.60			

RAWSON'S BOSTON FLORISTS' ASTER.

A very popular style of the local florists.

	⅛ oz.	oz.		⅛ oz.	oz.
Finest Mixed	$0.25	$1.50	Peach Blossom	$0.25	$1.75
Bright Rose	.25	1.75	Scarlet	.25	1.75
Dark Blue	.25	1.75	White	.25	1.75
Light Blue	.25	1.75			

RAWSON'S NEW GIANT COMET ASTER.

	⅛ oz.	oz.		⅛ oz.	oz.
Crimson	$0.25	$1.50	Rose	$0.25	$1.50
Finest Mixed	.25	1.50	Scarlet	.25	1.50
Dark Blue	.25	1.50	White	.25	1.50
Light Blue	.25	1.50	Yellow	.25	1.50

Violet King	.75	5.00

A capital aster for the florist, color, Royal Purple flowers, borne on exceedingly long stems, formed of very fine petals, perfect, full and large.

	⅛ oz.	oz.
General Jacqueminot	30c	$2.00

A beautiful aster, with color like Jack rose.

Hercules. A new white aster..... pkg. 20c

RAWSON'S IMPROVED HOHENZOLLERN ASTER.

This type was introduced several years ago, but has never been offered to such perfection as we offer it now. It will, when known sufficiently, outrival the best florists' aster on the market today. Graceful formation of flower, of large dimension, borne on two-foot stems, well branched and good colors, are a combination of good points that can hardly be equalled by any other variety.

	⅛ oz.	¼ oz.	oz.
Sky Blue	$0.60	$1.00	$4.00
Crimson	.60	1.00	4.00
Dark Blue	.60	1.00	4.00
Rose	.60	1.00	4.00
White	.60	1.00	4.00
Delicate Pink	.60	1.00	4.00
Finest Mixed	.60	1.00	4.00

RAWSON'S OSTRICH FEATHER ASTER.

	⅛ oz.	oz.		⅛ oz.	oz.
Finest Mixed	$0.25	$1.50	Lilac	$0.25	$1.50
Crimson	.25	1.50	Salmon Rose	.25	1.50
Dark Blue	.25	1.50	White	.25	1.50
Light Blue	.25	1.50			

RAWSON'S PEONY-FLOWERED PERFECTION ASTER.

	⅛ oz.	oz.		⅛ oz.	oz.
Finest Mixed	$0.25	$1.50	Dark Blue	$0.25	$1.50
Apple Blossom	.25	1.50	Delicate Rose	.25	1.50
Blood Red	.25	1.50	Light Blue	.25	1.50
Brilliant Rose	.25	1.50	Shining Crimson	.25	1.50
Bright Scarlet	.25	1.50	Pure White	.25	1.50

RAWSON'S ARLINGTON PRIZE ASTER.

⅛ oz. $0.50 $3.00

A mixture of every conceivable type and color of value.

SINGLE CHINESE ASTER.

(Of gigantic size.)

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.30	$1.00	Light Blue	$0.30	$1.00
Crimson	.30	1.00	Rose	.30	1.00
Dark Blue	.30	1.00	White	.30	1.00

TWO NEW SALVIAS FOR 1910

ZURICH. The best salvia yet introduced. Plants grow very compact, show little foliage and bear heavy flower spikes, which are thickly laden with bright scarlet flowers. Flowers early in July and remains in bloom with later varieties, ⅛ oz., 75c; oz., $5.00.

SALVIA SPLENDENS. KING OF CARPETS. The best dwarf bedding Salvia on the market today, outrivaling even "Zurich." The plants branch from the bottom and to such extent that the main stem is never visible. All side branches droop completely to the ground, making the whole plant a perfect half ball of fire. The plant grows but 15 inches high and flowers even earlier than "Zurich." ⅛ oz., $1.00; oz., $6.00.

The veteran Salvia grower, Mr. F. Bedman, says: "About the Salvia, 'King of Carpets.' It has done very well considering the dry weather that we have had, and I consider it one of the grandest dwarf salvias that I ever saw."

W. W. RAWSON & CO.

5 Union Street, BOSTON, MASS., U. S. A.

Mention The Review when you write.

it was. I will not undertake to pass upon that now because it was not raised to me properly within this motion. I would not pass upon it if it was because that is a question of fact.

There are questions of law raised to me here upon the undisputed facts in this case. A warranty as we know it in the law is always a contract. An expressed warranty is a contract either written or spoken which shows a mutual understanding between the seller and the buyer that the seller guarantees the goods sold to be of the kind named, or of the quality specified. Is there any express warranty in this case? Certainly not. On the contrary, a contract which must be a mutual meeting of the minds assenting to the same proposition at the same time between the two parties to that contract never could have been made in this case because it is certainly true under the record in this case, that the Iowa Seed Co. would refuse to execute a warranty on the quality of these goods. Further than that the record absolutely fails to disclose a single word spoken or written that might be construed or tortured into a statement of a warranty. Was there, then, an implied warranty? And here you strike a field where there is wind blowing in every direction as bad as this clover fell down in that field. There are decisions of the supreme courts of the

Boddington's Quality Sweet Peas

At the exhibition of the National Sweet Pea Society of America, held at the American Museum of Natural History, New York City, July 7 and 8, 1909, we were awarded the C. C. Morse Co.'s

SILVER CUP

for the finest collection of Sweet Peas. Open to the trade only.

Remember you may deduct 5 per cent if cash accompanies the order.

25c per lb.;

Agnes Johnstone, soft light pink
Apple Blossom, rose and white
Bolton's Pink, orange-pink
Blanche Ferry, "extra early," rose and white
Black Knight, maroon
Dainty, light pink
Duke of Westminster, blue and purple
Dorothy Eckford, pure white
Earliest of All, pink and white
Emily Henderson, pure white
Evelyn Byatt, orange-pink
Emily Eckford, mauve and blue
Flora Norton, blue and purple
Hónorable Mrs. E. Kenyon, pale yellow
Jeannie Gordon, light pink
Janet Scott, pale yellow or primrose
Katherine Tracy, pink shades
King Edward VII, crimson-scarlet
Lovely, light pink
Lady Grisel Hamilton, lavender and mauve.
Lottie Eckford, lavender and mauve, picotee edged
Lord Nelson, violet and indigo
Mont Blanc, pure white
Miss Wilmott, orange-pink
Mrs. Walter Wright, mauve and blue
Mrs. Geo. Higginson, Jr., lavender and mauve
Mrs. Collier, pale yellow
Navy Blue, violet and indigo
Othello, maroon
Prima Donna, pink
Queen Alexandra, crimson-scarlet
Queen of Spain, light pink
Queen Victoria, pale yellow or primrose
Romolo Piozzanni, mauve and blue
Salopian, crimson-scarlet
Stella Morse, light pink and primrose
Shazada, maroon
Shasta, pure white
Sadie Burpee, pure white
White Wonder (double), pure white

10c per ¼ lb.;

Black Michael, maroon, 1lb., 35c; ¼ lb., 15c; oz., 10c.
Earliest Sunbeams, pale yellow or primrose, lb., 40c; ¼ lb., 15c; oz., 10c.

5c per oz.

Duke of Sutherland, maroon
***Gladys Unwin**, light pink
Helen Pierce, violet, feathered white
Henry Eckford, salmon-orange
***Her Majesty**, rose-crimson
***Mrs. Alfred Watkins**, light pink
***Nora Unwin**, pure white
***Paradise**, light pink
Phenomenal, lavender and mauve, picotee edged
***Primrose Spencer**, pale yellow or primrose.

50c per lb.; 15c per ¼ lb.; 10c per oz.

***Countess of Spencer Hybrids Mixed**, mixed — 75c per lb.
***E. J. Castle**, rose-crimson
***Frank Dolby**, lavender and mauve
***Phyllis Unwin**, deep rosy carmine, self
25c per ¼ lb. 10c per oz.

***Countess of Spencer** (true stock), light pink
†**Christmas Pink** (Boddington's), pink and white
†**Christmas White** (Boddington's), pure white
†**Florence Denzer**, pure white
$1.00 per lb.; 40c per ¼ lb.; 10c per oz.

Earliest White, pure white, lb., $1.25; ¼ lb., 40c; oz., 10c

***Enchantress**, light pink
***Florence Morse Spencer**, pink shades
***George Herbert**, almost self-carmine
***Helen Lewis**, orange-pink
***John Ingman**, rose and white
***Prince Olaf**, striped and mottled blue, white ground
***White Spencer**, pure white
$1.50 per lb.; 40c per ¼ lb.; 15c per oz.

	Per lb.	¼ lb.	Oz.
†**Watchung**, pure white	$1.75	$0.50	$0.20
†**Snow Bird** (Boddington's), pure white	2.00	.75	.20
†**Canary**, pale yellow or primrose	2.50	1.00	.30
†**Flamingo**, rose-crimson	5.00	1.50	.50

Those marked with a * are Countess of Spencer or Unwin types.
Those marked † are winter flowering.

See our Florists' Catalogue for Novelties and other Spencer Sweet Peas, mailed free. For other Florists' Seeds, see our adv., page 41, January 6 issue of The Review.

ARTHUR T. BODDINGTON

Seedsman, 342 W. 14th Street, NEW YORK CITY

Dreer's Tuberous Rooted Begonias

Fancy Leaved Caladiums, Gloxinias and Tuberoses.



The Begonias and Gloxinias which we offer are grown for us by an expert who has made a specialty of this class of plants for many years. You can secure cheaper, but not better stock.

Begonias, Singles in separate colors, Scarlet, Crimson, White, Rose, Yellow and Orange, 40c per doz.; $2.50 per 100; $22.50 per 1000.

Begonias, Singles in choicest mixture, 35c per doz.; $2.25 per 100: $20.00 per 1000.
Double in separate colors, Scarlet, Rose, White and Yellow, 60c per doz.; $4.50 per 100; $40.00 per 1000.

Begonias, Doubles in choicest mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

Sun-Proof Begonia, Duke of Zeppelin, 85c doz.; $6.00 per 100.
" " **La Fayette,** $1.25 per doz.; $8.00 per 100.

Frilled Begonias, in separate colors, Scarlet, White, Pink and Yellow, $1.00 per doz.; $7.00 per 100; $65.00 per 1000

Gloxinias, Separate colors or in choice mixture, 60c per doz.; $3.50 per 100: $30.00 per 1000.

Fancy Leaved Caladiums, choicest standard Varieties, $1.50 per doz.; $10.00 per 100.
" " " choice new and rare varieties, $2.00 per doz.; $15.00 per 100.
" " " select new varieties, $3.50 per doz.; $25.00 per 100.

Double Pearl Tuberoses, selected bulbs, 4 to 6 inches in circumference, $1.00 per 100; $8.00 per 1000.

For a full list of seasonable Plants, Bulbs and Seeds, see our **Quarterly Wholesale Price List,** issued Jan. 1.

HENRY A DREER, Inc., Philadelphia

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY

Mention The Review when you write.

Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

H. N. BRUNS, 3040 Madison St., CHICAGO

Mention The Review when you write.

states as badly diverted as the stalks of this clover were out in Geil's field.

The supreme court of Pennsylvania holds that whoever sells an article—whoever sells seeds, we will limit it to that. Whoever sells seeds by a name where the seeds are open to the inspection of the purchaser cannot be held to an implied warranty. And this decision was held in the case of seed wheat in which the court of that state recites the facts to be that nobody can tell the difference, by inspection, between spring wheat and winter wheat. An exact parallel of this case, in which the supreme court of Pennsylvania held, not only once but three or four times, that there was no implied warranty in that case because of the fact that the seller did not manufacture the article he sold nor grow it from the ground, that he was without power to distinguish by looking at the article as well as the purchaser was, without power, and therefore there was no implied warranty.

The supreme court of Montana has held the same thing and cited this case from Pennsylvania and followed it, at the same time quoting from learned writers on the subject of sales in which the writers disparage the opinion of the Pennsylvania supreme court.

The supreme court of the State of California has followed it without those comments.

The supreme court of the United States has said in substance that where there was a sale of personal property which is subject to inspection that are not manufactured to order nor produced by the vendor that there is no implied warranty.

The supreme court of Iowa has, upon other subjects than the sale of seeds, said substantially the same thing.

The supreme court of New York holds that there is an implied warranty in exactly the same transactions here produced.

The supreme court of Wisconsin says that such a transaction where a man sells seeds that are called for under the name of rape seed and sold mustard seed that he has committed a fraud. In other words, that there is an express warranty. The case from the supreme court of Wisconsin is not a well considered decision, does not decide the difference between an express and implied warranty and holds there was an express warranty in this case, which is absolutely wrong.

Now in the face of that I am required to say whether the law implies a warranty where this defendant purchased these goods in the open

To Our Florist Friends

FILL UP THE GAPS

...WITH...

GLADIOLI

(The Flower that is just coming into its own.)

PLANTED NOW where Carnations have missed, you will have a profitable crop.

Leading Varieties That Are Winners

	Per 1000
AMERICA, flesh pink	$35.00
ATTRACTION, crimson with white throat	30.00
EASTER, white, lemon tinge	12.00
SHAKESPEARE, white, suffused carmine	50.00

8% discount for cash with order.

Our **White** and **Light Mixed** are equal to **any** in the world at **any price.**

Write us for prices if your dealer does not carry our stock, which is noted for **superior merit.**
We believe that we are the largest growers of **Gladioli** in the world.

JOHN LEWIS CHILDS, Floral Park, N. Y.

Mention The Review when you write.

BURNETT BROS.

SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

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S. & W. Co.'s Begonias and Gloxinias



Our stock of these bulbs are the best and finest strains in existence: we have been supplying the same customers for the past ten years with our strains, and adding new customers each year.

Begonias

SINGLE

Scarlet (1¼ to 1½ in.), Dark Red, Pink, Rose, White, Yellow, Orange, Salmon, Mixed	40c per doz. $3.50 per 100

DOUBLE

White, Yellow, Orange, Rose, Dark Rose, Dark Red, Red, Salmon, Mixed	65c per doz. $5.00 per 100

GLOXINIAS—S. & W. Co.'s Superb Strain

	Doz.	100
Emperor Frederick, red, bordered white	$0.75	$5.00
Emperor William, violet, bordered white	.75	5.00
Princess Elizabeth, white, bordered blue	.75	5.00
Mont Blanc, pure white	.75	5.00
Violacea, dark violet	.75	5.00
Queen Victoria, dark rose	.75	5.00
Princess Mathilda, white, bordered rose	$0.75	$5.00
Madame Helene, white, crowned violet	.75	5.00
Defiance, scarlet	.85	6.00
King of the Reds, deep scarlet	.85	6.00
Prince Albert, dark violet	.85	6.00
Finest Mixed	.60	4.00

Stumpp & Walter Co. 50 Barclay St., NEW YORK

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Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Boddington's White and Light. Extra selected bulbs. 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. NEW YORK CITY

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Bridgeman's Seed Warehouse

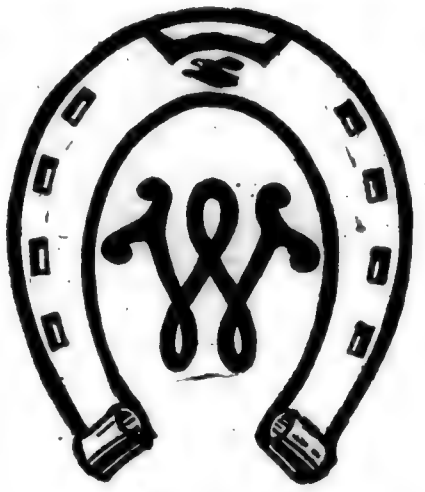
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Importers and Growers of High-grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, Telephone 4265 Gramercy **NEW YORK CITY**

Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

Horseshoe Brand Products

Horseshoe Brand Giganteum, size 7 to 9 inches, are imported to sell at $75.00 per 1000. There are thousands imported to sell at $60.00 to $65.00 but they are not worth more, and not always that. Horseshoe Brand Giganteum are raised from seed bulbs of prime quality, taken from only the healthiest plants in the fields. The difference in price is from 1 to 1½ cents each (not much, is it?), and one more flower from every 5 bulbs will pay it; so considering the risk taken in buying cheap bulbs, don't you think it is better to buy the best the market affords?

When you want good Lily Bulbs, write us.



Not how cheap—But how good

Ralph M. Ward & Co.

12 W. Broadway, NEW YORK

Representing
MR. SEITARO ARAI, Yokohama, Japan

DORMANT CANNAS

Guaranteed True To Name.

With from 2 to 3 eyes each. Special Cash discount of 10% on all January and February orders.

Orchid-flowered

	Doz.	100	1000
Allemania	$0.35	$2.25	$20.00
Austria	.50	3.00	27.50
Burbank	.30	2.00	17.50
Fred. Benary	.90	6.00	55.00
Italia	.50	3.00	27.50
Kate Gray	.40	2.50	22.50
Partenope	.40	2.50	22.50
Pennsylvania	.40	2.50	22.50

Pink Flowers

	Doz.	100	1000
L. Patry	$0.35	$2.25	$20.00
M. Berat	.40	2.50	22.50

Bronze-leaved

	Doz.	100	1000
David Harum	$0.50	$3.00	$27.50
Egandale	.50	3.00	27.50
King Humbert	1.25	8.00	75.00

Red Flowers—Green Leaves

	Doz.	100	1000
Chas. Henderson	$0.40	$2.50	$22.50
Explorateur Crampbel	.50	3.00	27.50
Chicago	.40	2.50	22.50

Variegated Flowers

	Doz.	100	1000
Elizabeth Hess	$0.60	$4.00	$35.00
Florence Vaughan	.50	3.00	27.50
Souv. D'Antoine Crozy	.60	4.00	35.00

Yellow and Cream Flowers

	Doz.	100	1000
Alsace	$0.50	$3.00	$27.50
Coronet	.60	4.00	37.50
Buttercup	.90	6.00	55.00

Hofgartner Hoppe, 90c per dozen; $6.00 per 100; $50.00 per 1000. **George Birdell,** $1.25 per dozen; $8.00 per 100; $75.00 per 1000. **George Washington,** 50c per dozen; $3.00 per 100; $27.50 per 1000.

Mosbaek Greenhouse Co., Onarga, Ill.

A Carload of Cannas

Quality: None better

Buy now and get on the inside

Just received.

45 Standard varieties, including the famous

King Humbert

Price list on application

Winterson's Seed Store 45-47-49 WABASH AVENUE Long Distance Phone, Central 6004 **Chicago**

25,000 CANNAS

Dormant roots, of 2 and 3 eyes each.

Orchid Flowering

at $1.50 per 100; $14.00 per 1000.

2000 Austria
1500 Italia
500 John White
800 Mrs. Kate Gray
2000 Pennsylvania

Red Shades

at $1.25 per 100; $12.00 per 1000.

500 Alice Roosevelt
250 Beaute Poitevine
600 Chas. Henderson
1500 Crimson Bedder
1500 Duke of Marlborough
100 Flamingo
700 Pillar of Fire

Yellow and Orange

at $1.25 per 100; $12.00 per 1000.

2800 Florence Vaughan
150 King Edward
450 N. Wendlandt
500 Parthenope
400 Paul Marquant
150 Victory

Dark Leaved

at $1.75 per 100; $15.00 per 1000.

150 America
150 Black Beauty
2000 Egandale
600 Grand Rogue
200 Shenandoah
150 Robusta

Pink Shades

at $1.50 per 100; $14.00 per 1000.

800 Mme. Berat
100 Martha Washington

Red Gold Edge

at $1.50 per 100; $14.00 per 1000.

650 Mme. Crozy
150 Queen Charlotte
450 Souv. de Antoine Crozy

2500 Mixed

at $1.00 per 100; $9.00 per 1000.

25 at 100 rate; 250 at 1000 rate. Cash with order.

ESTATE OF DAVID FISHER, Montvale, Mass.

Crego Aster Seed

The Crego Pink Aster is the largest and finest variety grown. We can furnish seed of our own growing saved from the very best flowers only, all inferior plants being discarded. This seed was saved from the finest lot of asters we ever saw. Price, ¼ oz., 60c; ounce $2.00.

Ask for catalogue of our seeds.

Joseph Harris Co., Seed Growers **Coldwater, N.Y.**

LILIUM GIGANTEUM

7/9, fine bulbs, $24.00 per case. Ready for delivery from cold storage as desired.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

market from farmers and dealers who produced them, and sold them where this defendant could not possibly, by any care that he could exercise or any inspection that he could make, determine whether this seed was mammoth clover seed or common red clover seed.

Counsel for this plaintiff has contended that in morals and right the plaintiff ought to be permitted to hold this defendant to an implied warranty. That question of what is right and just and moral under these circumstances might receive a hundred different answers from a hundred different men. There is no rule, no guide. We are left here without guide marks from our own supreme court, and I am to choose between these two rules. Between these two rules, when we come to choose, we must take into consideration all the other facts and circumstances disclosed by the record in this case. One is that the defendant in this case has continuously and persistently refused to sell under a warranty and has persistently and continuously advertised to the world that it would not sell its goods under a warranty. Would it be right, moral or just under those circumstances, against the often and continuously published denial of its willingness to warrant, would it be fair or just or right by a construction of law to foist upon this defendant a warranty that it never would have made or never intended to make? I do not know what the average mind might think about it, but it does not seem to me that the circumstances of this case would justify the court in saying that there is an implied warranty in this case. I do not believe there is, and if the case depended solely upon that point I would hold there is no implied warranty in this case.

But it does not depend solely upon that question. Even though the transaction of this sale might have justified the holding that there was an implied warranty there are still other facts in this case that would control.

One of these facts is this, that there is a universally established custom among the seed dealers to sell without warranties, and to refuse to warrant, which custom has not only become generally known by their habits and conduct in specific cases, but by their publishing the fact

CANNAS

F. O. B. Chicago or New York

For Immediate Delivery

Red-flowering Shades

	100	1000
Louisiana, 7 ft.	$1.75	$15.00
Alice Roosevelt, 4 ft.	3.00	25.00
A. Bouvier, 5 ft.	1.50	14.00
Beaute Poitevine, 3½ ft.	2.00	17.50
Black Prince, 3 to 4 ft.	2.25	20.00
Chas. Henderson, 4 ft.	1.75	15.00
Crimson Bedder, 3 ft.	2.00	17.50
Duke of Marlborough, 4½ ft.	1.75	15.00
J. D. Eisele, 5 ft.	1.75	15.00
Exp. Crampbel, 5½ ft.	1.50	14.00
Express, 2 to 2½ ft.	2.25	20.00
Pres. McKinley, 2½ to 3 ft.	1.50	14.00
Tarrytown, 3½ ft.	1.75	15.00

Red, Gold-edged and Spotted Shades

	100	1000
Gladiator, 4 ft.	$2.75	$25.00
Cinnabar, 4½ ft.	1.75	15.00
Indiana, 3 to 4 ft.	1.75	15.00
Queen Charlotte, 3½ ft.	2.25	20.00
Mme. Crozy, 5½ ft.	2.25	20.00
Premier, 2½ ft.	2.00	17.50
Souv. de A. Crozy, 4 ft.	2.75	25.00

Pink Shades

	100	1000
L. Patry, 4½ ft.	$1.75	$15.00
Louise, 5 ft.	2.00	17.50
Mlle. Berat, 4½ ft.	1.75	15.00
Tennyson, 5½ ft.	2.75	25.00

Yellow Shades

	100	1000
Buttercup, 3½ ft.	$1.75	$15.00
C. de Bouchard, 4½ ft.	2.00	17.50
Florence Vaughan, 5 ft.	2.50	20.00
L. E. Bailey, 4½ ft.	2.75	25.00
Richard Wallace, 4½ ft.	2.75	25.00

White and Cream Shades

	100	1000
Alsace, 3½ ft.	$1.75	$15.00

Bronze-leaved, Large-flowered

	100	1000
Brandywine, 4 to 5 ft.	$2.00	$17.50
Black Beauty, 5 ft.	2.75	25.00
David Harum, 3½ ft.	2.75	25.00
Egandale, 4 ft.	1.50	14.00
King Humbert, 4 ft.	3.25	30.00
Leonard Vaughan, 4½ ft.	1.75	15.00
Musafolia, 5 ft.	2.75	25.00
Pillar of Fire, 6 to 7 ft.	2.25	20.00
Robusta, 6 to 8 ft.	1.75	17.50
Shenandoah, 6 ft.	1.75	15.00

Orchid-flowering Cannas

	100	1000
Allemania, 4 to 5 ft.	$1.75	$16.00
Austria, 5 ft.	1.25	12.00
Italia, 4½ ft.	1.75	15.00
Kronus, 5 ft.	1.75	15.00
Mrs. Kate Gray, 6 ft.	1.75	15.00
Pennsylvania, 5 ft.	1.75	15.00
Wyoming, 7 ft.	2.75	25.00

Study this—Our Cannas are true to name—2 and 3, sometimes 4 eyes—are sound, dormant, and are packed 250 in a box; two can be "cleated" together and shipped as one. One box of 250 sold at 1000 rate; it is cheaper for you to buy a box than 200 at 100 rate. Write for special prices on large lots.

Chicago and Western Agents for our Cannas

WINTERSON'S SEED STORE, 45-47-49 Wabash Ave., CHICAGO

ARTHUR T. BODDINGTON

Seedsman, 342 W. 14th St., NEW YORK CITY

XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected. 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double, 500 seeds, $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

SALVIA WM. PFITZER, very fine, dwarf, fiery red, extra, trade pkt., 25c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

CYCLAMEN GIGANTEUM, finest giants, mixed, 200 seeds, $1.00; ½ pkt., 50c.

SHAMROCK

IRISH. THE REAL THING! GREEN

Best to order early and grow on for strong plants for St. Patrick's Day. Our stock is very fine, $4.00 per 100, or by mail, postpaid, 50c doz.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

Mention The Review when you write.

Asparagus Sprengeri.....per 1000 seeds, $0.75
Petunia, large-flowering, double-fringed, tr. pkt. 1.00
Petunia, large-flowering, single-fringed, tr. pkt. .50
Petunia, large-flowering, single California Giants.....tr. pkt. .50
Salvia Zurich.....oz., 5.00
Salvia Triumph.....oz., 5.00
Moon Flower, white seed..... .35

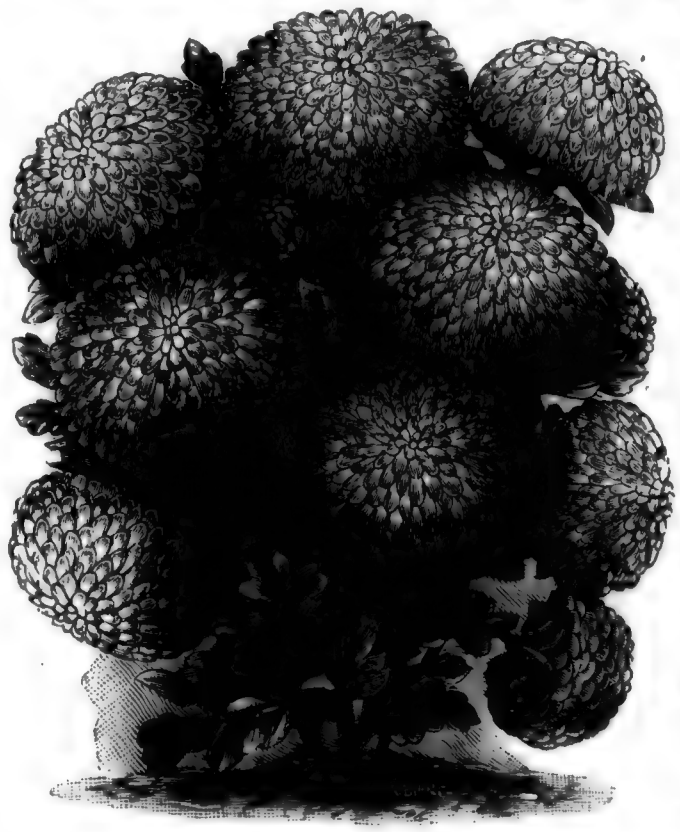
Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W. C. BECKERT, Seedsman

103 Federal St., N. S., PITTSBURG, PA.

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JOHNSON'S Superior Quality Aster Seed for Florists



The highest developed types from the leading American and European Specialists.

	Large tr. pkt.	Oz.
Queen of the Market—Extremely early; selected stock.		
Dark blue	$0.20	$0.60
Light blue	.20	.60
Pink	.20	.60
Crimson	.20	.60
White	.20	.60
Mixed	.20	.60
Johnson's Superb Late Branching—The finest strain offered to the trade.		
Lavender	$0.25	$1.00
Rose-pink	.25	1.00
Shell pink	.25	1.00
Purple	.25	1.00
Crimson	.25	1.00
White	.25	1.00
Choice Mixed	.20	.90

Late flowering, resembling chrysanthemum

Early Hohenzollern—Flowers measure 4 to 5 in. across.	Large tr. pkt.	Oz.
Azure blue	$0.25	$1.25
Bride. White changing to rose	.25	1.25
Crimson	.25	1.25
Pink	.25	1.25
White	.25	1.25
Mixed	.20	1.00
Snowdrift—Pure white. The earliest large-flowering white aster	.30	2.50
Violet King	.25	1.80
White Fleece—Pure white	.30	1.75
Daybreak—Delicate pink, very double	.30	1.75
Purity—Pure white	.30	1.75
Lavender Gem	.30	2.25
Royal Purple—Extremely early. Invaluable for cutting	.25	1.50

Write for our Complete Flower Seed List for Florists. Just issued.

JOHNSON SEED CO., 217 MARKET ST., PHILADELPHIA

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FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
" Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
" Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
" Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1 00
" American Beauty	.25	2.00
" Snowdrift	.25	1.50
Pansy—Currie's International Mixture.....⅛ oz., $1.25	.50	8.00
" Giant Florists' Mixture.....⅛ oz., .60	.65	4.00
Verbena—Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
Stocks—Largest Flowering Dwarf Double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
" Cut and Come Again, white, mixed	.25	2.50

Send for 1910 catalogue and trade price list.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

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Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

just arrived. Our usual high grade quality. Also cold storage pips.

PRICES ON APPLICATION

J. M. THORBURN & CO.

33 Barclay Street, through to 34 Park Place, NEW YORK.

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LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

to the world in every possible way. The supreme court of this state has held that when a man deals with the principal of a certain trade as, for instance, a railroad shipper, and there is a well established custom as to contracting for the shipment of freight, where they by custom, and by custom alone, limit a carload of freight to 20,000 pounds, that the snipper is bound to know that custom. Not only presumed to know it, but bound to know it, and his contract is read in the light of that custom and he is bound by it. What different is that from this case? Not any. But the plaintiff in this case contends that even though there was that custom they must bring home notice to this plaintiff of that custom. That is not the holding of our supreme court. They hold he is bound to know it, but even if the law should be held to be that they are bound to give him notice of it then what position is he in? He is confronted here with a receipt; he took what was given to him, and which he received for the money he paid for these seeds, containing this stipulation I read to you. He is exactly in the position of a man who took a receipt for money and was handed a notice in print. That notice is handed to him. If it was on a separate piece of paper and handed to him and he should read it, he would be bound by it, and I do not think even Mr. Allen would dispute it, although I think he tried to qualify it in some ways. If you serve notice on a man you are selling the goods without a warranty, he is bound by that, and in this case that is what happened, they gave him a receipt which read on its face there was no warranty, and they would not sell goods under a warranty.

There is only one conclusion, whether or not there would have been an implied warranty without these other facts, this plaintiff was notified by the Iowa Seed Co. in this sale there was no warranty, and under those facts there is no question, when we come to the question of custom and the effect of custom and notice, we are not without guideboards even in our own state. The rule is well established in this state on those subjects.

It follows therefore, however unfortunate this may be to the parties who are plaintiffs in this case, which I regret as much as they do or anyone else, it follows under the law of the state, which I am bound to maintain and support, the same as you are, gentlemen of the jury, that this plaintiff cannot recover in this case.

Therefore that the motion to direct a verdict in favor of the defendants will be sustained, and it will be so ordered.

JAMESTOWN, N. Y.—Eliot Worden was cutting the popular mum, Jeanne Nonin, January 15.

Edward Reid, Fine Brides, Violets, Sweet Peas, Good Roses in all varieties, and all Seasonable Cut Flowers

WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa. at prevailing market prices. We have not had a chance to get out another price list.

Mention The Review when you write.

PITTSBURGH CUT FLOWER CO.

WHOLESALE FLORISTS AND GROWERS

The House That Has and Sells Good Goods at Fair Prices .·. .·.

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Jan. 26, 1910.

	Per doz.
Beauty, Specials	$5.00 to $6.00
" Fancy	4.00 to 5.00
" Medium	3.00 to 4.00
" Short	2.00 to 3.00
	Per 100
Bride and Bridesmaid, Fancy	$10.00 to $12.00
" " Medium	6.00 to 8.00
" " Short	4.00
Richmond	8.00 to 15.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
My Maryland	6.00 to 15.00
Carnations	6.00
" ordinary	1.50 to 2.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	4.00
Lilies	12.00 to 16.00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.50
Mignonette	3.00 to 5.00
Cattleyas	75.00
Daisies	1.50 to 3.00
Violets	.75 to 1.00
Single Violets	.50 to .75
Trumpets	4.00
Callas	15.00
Stevia	1.00

Philadelphia, Jan. 26, 1910.

	Per doz.
Beauty, Specials	$7.50 to $9.00
" Extra	6.00
" Medium	3.00 to 4.00
" Short	1.50 to 2.00
	Per 100
Killarney, My Maryland, Select	$15.00 to $20.00
" " Ordinary	5.00 to 10.00
Maid, Select	10.00 to 12.00
Ordinary	4.00 to 6.00
Bride, Richmond, Select	15.00 to 20.00
" " Ordinary	6.00 to 10.00
Carnations, Fancy	3.00 to 4.00
" Select	2.50
" Ordinary	1.50 to 2.00
Easter Lilies, per doz., $1.50	10.00
Harrisii Lilies, per doz., $1.50	10.00
Callas, per doz, $2.00 to 2.50	
Adiantum	1.00 to 1.50
Asparagus Plumosus, strings	50.00
" " sprays	50.00
" Sprengeri "	50.00
Smilax	15.00
Valley	3.00 to 4.00
Cattleyas	6.00 to 7.50
D. Formosum, each, 40c to 50c	
Cypripedium, each 15c	
Gardenias, doz., $2.00 to $4.00	
Violets, Double, Fancy	1.00
" Ordinary	.75
Violets, Single, Fancy	.75
" Ordinary	.50
Sweet Peas	.50 to 1.00
Yellow Daisies	2.00 to 2.50
White "	1.50 to 2.00
Mignonette	3.00 to 4.00
Pansies	.75
Snapdragon	1.00 to 1.50
Romans	1.50 to 3.00
Paper Whites	2.00 to 3.00
Daffodils	4.00 to 5.00
Freesias	4.00 to 6.00
Tulips	3.00 to 4.00
White Lilac, per bunch, $1.00	

Always Mention the....

Florists' Review

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Fancy Gardenias, Valley and Easter Lilies,

Choice Brides, Killarney, White Killarney, Maryland and Sweet Peas

Open from 7:30 a. m. to 8 p. m.

Philadelphia Cut Flower Company Wholesale Flowers

We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA

Mention The Review when you write.

BEAUTIES, VIOLETS AND CARNATIONS

Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.

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FANCY CARNATIONS, DAFFODILS, SWEET PEAS AND MY MARYLAND

SAMUEL F. LILLEY. Wholesale Florist A good market for more Choice Flowers 1514 Sansom St., PHILADELPHIA, PA.

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WM. J. BAKER, Daffs., Callas, Pansies and Sweet Peas

Wholesale Florist 1432 So. Penn Sq., PHILADELPHIA, PA.

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H.G.Berning WHOLESALE FLORIST 1402 Pine Street ST. LOUIS, MO.

C. A. KUEHN WHOLESALE FLORIST...

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.

1122 Pine St. - ST. LOUIS, MO.

Wm. C. Smith Wholesale Floral Co.

Wholesale Florists

1316 Pine St. Both L. D. Phones ST. LOUIS

Supplies and Everything in Season always on hand

ROSES

J. W. YOUNG

Upsal Station, P. R. R., GERMANTOWN, PHILA.

WILD SMILAX and LAUREL ROPING

Green and Bronze Galax

Buffalo Cut Flower Co.

495 Washington St., BUFFALO, N. Y.

Cut Flowers, Florists' Supplies and Wire Designs

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All Flowers in Season

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WHOLESALE CUT FLOWERS

We have anything in the line of **Cut Flowers** and **Greens** that you may need, at any time.

15 Diamond Square, Pittsburg, Pa.

The McCallum Co.

Wholesale CUT FLOWERS

and Florists' Supply House

Headquarters for Western Pennsylvania Growers

937 Liberty Ave., PITTSBURG, PA.

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FLORISTS' REVIEW

WHEN WRITING ADVERTISERS

H. E. FROMENT

WHOLESALE COMMISSION FLORIST

Receiver and Shipper of All Varieties of Cut Flowers

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Moore, Hentz & Nash

Wholesale Florists

55-57 W. 26th St.
NEW YORK CITY
SHIPPING ON COMMISSION
Telephone 756 Madison Square

N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1415-1416 Madison Square

Stands at Cut Flower Exchange, Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves

Mention The Review when you write.

WHY USE GALAX LEAVES when you can buy prime prepared

Magnolia Leaves

Green and Brown, $1.75 per basket of 1000 leaves

Wherever Florists' Supplies are sold, or from

GELLER FLORIST SUPPLY CO.

110-112 W. 26th St., NEW YORK CITY

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G. E. BRADSHAW, WHOLESALE FLORIST

55-57 W. 26th St., NEW YORK

Phone 4620, 4621, 3864 Madison Sq.

ROSES, CARNATIONS, MUMS, Etc.

Our Specialties—Smilax and Asparagus Plumosus and Sprengeri in any quantity the year round. Weekly payments. Open books. Consignments solicited.

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GREATER NEW YORK FLORIST ASSOCIATION, INC.

Wholesale Commission Dealers in Cut Flowers and Supplies

162 Livingston St., Brooklyn, N. Y.

GEORGE W. CRAWBUCK, Manager.

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YES We have **MOSS, $1.50** per bale

Extra **LARGE** bales, **$2.00**

ESTABLISHED 1875 TEL. 2457 BEDFORD

H. KENNEY, 88 Rochester Ave. BROOKLYN, N. Y.

See my low prices for **Wire Designs** in the classified department.

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ESTABLISHED 1887

J. K. ALLEN

106 W. 28th St., NEW YORK

Tel. No. 167 Mad.

Consignments of all kinds of seasonable stock solicited.

Open 6 a. m. every morning in the year.

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ROSENS

48 W. 29th Street, New York City
Telephone No. 1757 Mad. Sq.

FLORISTS' SUPPLIES

Galax, bronze and green, fresh crop, $1.00 1000; $7.50 10,000. **Leucothoe Sprays,** 75c 100. **Green Sheet Moss,** $2.00 large bag.

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THE KERVAN CO.

113 W. 28th St., NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

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Gold Letters

Gummed gold and purple letters for inscriptions on floral designs of all kinds.

EVERY LETTER GUARANTEED FOR ONE YEAR not to tarnish or change color in the least. Best and cheapest on the market. Write for samples and prices.

J. LICHTENBERGER, Telephone Lenox 5644 **1566 Avenue A, NEW YORK**

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Wholesale Cut Flower Prices.

New York, Jan. 24, 1910.

	Per 100	
Beauty, Specials	$50.00 to	$75.00
" Fancy	35 00 to	50 00
" Extra	25.00 to	35.00
" No. 1	10.00 to	15.00
" No. 2	2.00 to	6.00
Bride and Maid, Specials	8.00 to	10.00
" " Extra	6.00 to	8.00
" " No. 1	3.00 to	4.00
" " No. 2	2 00 to	3.00
Richmond	2.00 to	15.00
Chatenay	2.00 to	12.00
Killarney	2.00 to	12.00
My Maryland	2.00 to	12 00
Orchids	30.00 to	50.00
Carnations, Common	1.00 to	2.00
" Select and Fancy	2.00 to	4.00
" Novelties	4.00 to	6.00
Adiantum Cuneatum	.50 to	.75
" Croweanum	.75 to	1.00
Asparagus Plumosus, bunches	15.00 to	25.00
" Sprengeri "	10.00 to	20.00
Smilax	8.00 to	12.00
Lilies	8.00 to	12.00
Lily of the Valley	2.00 to	4.00
Gardenias	10.00 to	25.00
Violets	.25 to	.50
Callas	10.00 to	12.00
Cypripediums	10.00 to	12.00
Sweet Peas...per bunch, 4c to 10c		
Narcissus	.35 to	1.00
Roman Hyacinths	1.00 to	2.00
Tulips	1.00 to	2.00
Stevia, bunch	$0.15 to $0.25	
Mignonette...per doz.	.50 to 1.00	
Daffodils	2.00 to	3.00
Lilac, bunch	50c to $1.00	
Freesia, bunch	25c to 35c	

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Phones 4620, 4621, 3864 Madison Square

VIOLETS Roses and Carnations

George Colsonas & Co.



Wholesale and Retail Dealers in all kinds of

Evergreens

Fancy and Dagger Ferns
Galax, Brown and Green



50 West 28th St., - NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax.

Telephone 1202 Madison.

Mention The Review when you write.

August Millang

41 W. 28th St., NEW YORK

We are Headquarters for **every kind of CUT FLOWERS** in their season. **Out-of-town Florists** promptly attended to. Telephone for what you want. **Tel. 3860, 3861 Madison Sq.**

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FRANK MILLANG

WHOLESALE FLORIST

55-57 West 26th St., NEW YORK

Shipments, any quantity, Wholesale Market Rates.

The best way to collect an account is to place it with the

National Florists' Board of Trade

56 Pine Street, NEW YORK

Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.

Charles Millang WHOLESALE FLORIST

Ground Floor of the Coogan Building, NEW YORK CITY
55 and 57 West 26th Street 6 a. m. to 6 p. m. every day in the year.

Headquarters for Violets

Most convenient store for customers in the city. Telephone 7062 Madison
Consignments solicited. The highest values guaranteed.

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TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

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Telephones, 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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34 WEST 28th STREET

PHONES, 1664-1665 MADISON SQUARE

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Wholesale Cut Flower Prices.

Buffalo, Jan. 26, 1910.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3.00
" Firsts	1.50
" Shorts	$0.75 to 1.00

	Per 100
Bride, Killarney and Maid, Special	$15.00
" " " No. 1	$ 8.00 to 10.00
" " " No. 2	6.00 to 8.00
" " " Shorts	4.00 to 6.00
Richmond	6.00 to 15.00
White Killarney	8.00 to 15.00
Maryland	10.00 to 20.00
Carnations	2.00 to 4.00
Adiantum Cuneatum	1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	12.50 to 15.00
Ferns per 1000,	$2.00
Galax "	1.50
Violets	.75 to 1.00
Paper Whites	2.00 to 3.00
Stevia	1.00 to 1.25
Romans	3.00 to 4.00
Daisies	1.00 to 1.50
Sweet Peas	.75 to 1.00
Mignonette	3.00 to 5.00

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	Per 100
Killarney	$5.00 to $10.00
Richmond	5.00 to 10.00
W. Killarney	5.00 to 10.00
My Maryland	5.00 to 10.00
Maid	5.00 to 10.00
Bride	5.00 to 10.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	.50 to 1.25
Violets, single	.50 to 1.25
Sweet Peas	1.00
Tulips	4.00
Valley	4.00
Adiantum	1.25

Ferns, per 1000, $2.00
Extra Fancy billed accordingly
Prices NOT subject to raise without notice to regular customers.

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Wholesale Cut Flower Prices.

Chicago, Jan 26, 1910.

	Per doz.
Beauty, long stems	$5.00 to $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75

	Per 100
Bridesmaid, Special	$10.00 to $12.00
" Firsts	6.00 to 8.00
" Short	5.00
Bride, Special	12.00 to 15.00
" Firsts	8.00 to 10.00
" Short	5.00 to 6.00
Richmond, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8.00
" " Short	5.00
Killarney, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Seconds	5.00 to 6.00
My Maryland, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 16.00
Mrs. Jardine, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Perle	6.00 to 10.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.00
Sweet Peas	.50 to 1.50
Bouvardia	3.00 to 8.00
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Jonquils	3.00 to 4.00
Tulips	3.00 to 4.00
Freesia	3.00 to 5.00
Cattleyas per doz.	$6.00–$9.00
Gardenias per doz.	$2.00 to $4.00
Easter Lilies "	2.00
Callas "	2.00
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays bunch,	35c-75c
" Sprengeri "	25c-35c
Ferns per 1000,	$2.00 .25
Galax "	1.00 .15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz.	$1.50–2.00
Leucothoe	.75
Boxwood	$7.50 per case

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Consignors are welcome to inspect our books and see at what figure their stock sold, to satisfy themselves that they have been credited with full amount.

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Wholesale Cut Flower Prices.

Boston, Jan. 26, 1910.

	Per 100
Beauty, Specials	$40 00 to $50.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2.00 to 12.00
Killarney	4.00 to 16 00
White Killarney	4.00 to 16.00
Richmond	4.00 to 20.00
My Maryland	4.00 to 16.00
Carnations, Special	4.00
" Select	3.00
" Ordinary	1.50 to 2.00
Cattleyas	40.00 to 50.00
Lily of the Valley	2.00 to 4 00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50 00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.50 to 1.00
Lilium longiflorum	10 00 to 12.50
Tulips	2.00 to 4.00
Pansies	.50
Violets	.50 to .75
Gardenias	20 00 to 25 00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1.50 to 2.00
Roman Hyacinths	1.50 to 2 00
Mignonette	2.00 to 6.00
Bouvardia	2.00 to 3.00
Callas	10.00 to 12 50
Yellow Narcissus	3.00 to 4.00
Stevia	.75 to 1 00

Cincinnati, Jan. 26, 1910.

	Per 100
Beauty, Extra	$25 00 to $35.00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	6.00 to 10.00
My Maryland	6 00 to 10.00
Rhea Reid	6.00 to 10 00
Carnations	1.50 to 2 00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3 00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00
Sweet Peas	.50 to 1.00

Milwaukee, Jan. 26, 1910.

	Per 100
Beauty, Long	$30 00 to $50.00
" Medium	15.00 to 20.00
" Short	8 00 to 12 00
Bride and Bridesmaid	4 00 to 12.00
Chatenay	4.00 to 10.00
Richmond	4 00 to 10.00
Killarney	6.00 to 12 00
Perle	4.00 to 10 00
Carnations Fancy	3 00 to 4 00
" Good	1.50 to 2.00
Valley	4.00
Asparagus Plumosus, strings	50.00 to 60.00
" " sprays	3 00
" Sprengeri "	3.00
Adiantum	1.00 to 1.50
Lilies per doz.	$2.00
Ferns per 1000.	2.00
Violets	.75 to 1.00
Sweet Peas	1 00
Paper Whites	2.00 to 3.00
Stevia	2 00
Trumpets	3.00 to 4.00

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $2.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.75.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist
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Cut Flowers and Florists' Supplies

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WIRE GOODS OF ALL KINDS

Write for Price List

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Detroit Cut Flower Supply House

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Home Phone 164. Bell, Main 974.

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St. Louis. Jan. 26, 1910,

	Per doz.
Beauty, Specials	$3.00 to $5.00
" Extra	1 50 to 2.00
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 4.00 to $10.00
" " No. 1	2 00 to 3.00
Richmond	4 00 to 10 00
Carnot	4 00 to 10 00
Ivory	4 00 to 10 00
Killarney	4.00 to 10 00
Carnations, Fancy	1 50 to 2 00
" Common	.75 to 1.00
Adiantum	.75 to 1 00
Asparagus Plumosus, strings	35 00 to 50.00
" " sprays	1.00 to 1 50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12 50 to 15 00
Violets, Single	.35 to .60
" Double	.40 to .50
Romans	1.00 to 2.00
Paper Whites	1.00 to 3.00
Harrisii	10.00 to 12 50
Callas	10.00 to 12.50

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Successor to GILLETT & OHMER

131 East 3d Street, CINCINNATI, O.

All Cut Flowers in Season

SPECIALTIES—American Beauties, Killarneys, Richmond, Maryland, Jardines, Brides—Heller Bros. stock—send me an order.

Greens of all kinds. **Florists' Supplies.**

WIRE WORK—This department manufactures the best work in the market Send for illustrated catalogue. Look over your stock and send me a trial order. How about your **Hanging Baskets** for Spring?

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The Munk Floral Co.

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1433-35 California Street

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WHOLESALE FLORISTS AND SUPPLIES

CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.

Write for quotations on large quantities.

Always mention the Florists' Review when writing advertisers.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

THE business in conifers in 1909 beat all previous records, but the present year is expected to be even better.

AT the date of the last report not one Rochester nurseryman had taken out a license to ship stock into the state of Texas.

THERE is a gathering of nurserymen at Rochester this week, for the meeting of the Western New York Horticultural Society.

THE Port Arthur Nursery Co., of Port Arthur, Tex., has been incorporated, with a capital stock of $40,000, by Fred Clark, R. H. Woodsworth and C. E. Smith.

WITH its latest addition to its storage facilities, the new building being 112x240, the Storrs & Harrison Co., Painesville, O., feels pretty well equipped.

THE Richland Nursery Co., of Richland, Wash., has been incorporated, with a capital of $25,000, by C. F. Breithaupt, J. H. James, W. J. Breithaupt and J. C. Breithaupt.

THE J. W. Brandt Nursery Co. has been incorporated, with offices at Upper Falls, Md. The capital stock is $5,000, divided into fifty shares at $100 each, and the incorporators are John W. Brandt, Henry J. Raphel and Thomas S. Nichols.

WM. PITKIN, who has many years' experience in legislative matters, is of the opinion that the nursery interests will have a hard fight before them to secure an acceptable measure when congress gets around to the bill regulating the importation and inspection of foreign nursery stock.

HARRISON'S NURSERIES.

To most of those whose upbringing has brought them into contact with northern people and ways there is a great attraction in the people and customs of the south. One may long seek to gain this contact, but few more wholly delightful places could be found, perhaps, than Berlin, Md., the home of the nurseries of H. G. Harrison & Sons. Here, indeed, one receives a doubly pleasing experience, for the nurseries themselves are so well known that everyone who is in any way interested in growing trees feels that his experience is somewhat incomplete until he has visited this establishment.

Harrison's Nurseries cover somewhat more than 2,000 acres, on which millions of trees and plants are annually grown. The most excellent system prevails everywhere, and the hundreds of men who are constantly employed the year around are handled in the most business-like manner imaginable. Thorough cultivation is the watchword, and in the favorable soil and kindly climate of the Maryland peninsula the trees and plants make a wonderful growth. No pains is spared to produce the best roots and most shapely tops.

Visitors are always welcome at this big plant, and to those who have enjoyed the kindly hospitality of the management the recollection will always be a pleasant one. When possible, the officials of Harrison's Nurseries request that notice be given in advance of the coming of visitors, in order that arrangements may be made for escorting them about the plant.

Berlin is conveniently reached by the Pennsylvania railroad via Philadelphia, and also by way of Baltimore, including a delightful trip by steamer down Chesapeake bay for nearly fifty miles. Ocean City, Maryland's attractive shore resort, is nearby, and combines with the other resources of the locality to offer the traveler a tempting inducement to visit this justly famous garden spot of Dixie.

BOBBINK & ATKINS
Nurserymen and Florists, RUTHERFORD, N. J.
Choice Evergreens and Conifers, Shade and Ornamental Trees, Herbaceous Plants.
LARGE COLLECTION OF DECORATIVE PLANTS, SUCH AS
Palms, Ferns, Bay Trees, Etc.
Ask for Wholesale Catalogue.
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New York State Grown Roses
GENERAL VARIETY OF NURSERY STOCK
W. & T. SMITH COMPANY
63 Years GENEVA, N. Y. 800 Acres
Mention The Review when you write.

American Everblooming **HYDRANGEAS**
1 and 2-year, strong.
Sugar Maple, transplanted. Peonies in all best sorts. Anchusa Dropmore. Funkia Alba. German Iris, 20 best sorts. Hemerocallis, 5 fine var. 50,000 Lilies. Phlox, named. Gladioli, 100 named var. Tritoma Pfitzeri, Dahlias, Oxalis, etc.
THE E. Y. TEAS CO., Centerville Ind.
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Lilacs Charles X and Marie Legraye.
Deutzia Lemoinei, pot-grown, in fine condition.
Boxwood and Bay Trees, for immediate or spring delivery.
Orders booked now at inviting prices. Write to
F. W. O. SCHMITZ
Importer, PRINCE BAY, N. Y.
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PEONIES
Humei, late rose; R. Hortense Tyrian red; Mme. Douriere, pink and salmon, for lawn planting, $3.00 per 100, March delivery.
Thomas J. Oberlin
Sinking Spring, - Pennsylvania
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Bassett's Dahlias
Field roots—Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal, $3 50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.
2-yr.-old Peonies, $10 00 per 100.
J. Murray Bassett, Hammonton, N. J.
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½ Million Roses
for February delivery in these and 400 other sorts.
Summer grown, on own roots.

	Doz.	2½-in. 100	2½-in. 1000	4-in. 100
Anna de Diesbach	50c	$3.50	$30 00	$ 8.00
Anny Muller	50c	3.00	25.00	
Ball of Snow (Boule de Neige)	50c	3 50	30 00	8.00
Bridesmaid	50c	3.00	25.00	8 00
Bougere	50c	3.00	25.00	8.00
Catherine Zeimet (White Baby Rambler)	50c	3.50	30 00	10.00
Duchesse de Brabant	50c	3.00	25 00	7.00
Etoile de Lyon	50c	3.00	27.50	8.00
Gruss an Teplitz (Vir. R. Coxe)	50c	3.00	27.50	8 00
Helen Gould (Balduin)	50c	3.00	27.50	8.00
Mme. Masson	50c	3.50	30.00	7.00
Mlle. Francisca Krueger	50c	3 00	25.00	8.00
Magna Charta	50c	3.50	30.00	7.00
Maman Cochet, pink	50c	3.00	27.50	8.00
Marechal Niel (4 in., 10c, 12c, 15c	50c	3.50	30.00	15 00
Marie van Houtte	50c	3.00	25.00	7.00
Meteor	50c	3.00	27.50	8.00
Papa Gontier	50c	3 00	27 50	7.00
Phyllis (Pink Baby Rambler)	50c	3 50	30.00	
Queen's Scarlet	50c	3.00	25.00	8.00
Reine Marie Henriette	50c	3.00	25.00	8 00
Rhea Reid	60c	4.00	35 00	10.00
The Bride	50c	3.00	25.00	8.00
Wellesley	50c	3.50	30 00	9.00
White Bougere	50c	3.00	25.00	8 00
White Maman Cochet	50c	3.00	27.50	8 00

Let us know your entire wants in roses.
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO
Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE U.S.N. CO.
The United States Nursery Co
RICH, Coahoma Co., MISS.
Mention The Review when you write.



These illustrations show how we grow California Privet here at Harrison's Nurseries—and the way our Privet looks when planted as hedges along driveways, walks, etc.

We have the right soil and climate here for growing California Privet, and take unusually good care of our plants. We cultivate the blocks each week, and during the dormant period last year we cropped the smaller sizes—one- and two-year—back to the ground. These plants developed a wonderfully bushy growth in 1909 and are now in prime shape.

The upper view represents a block from which tens of thousands of plants will be dug this spring. This is the kind of Privet you'll be proud to furnish your customers—fine, vigorous, well-rooted and branched plants, every one. In fact, Harrison's California Privet is so strong and thrifty as to be almost a distinct and separate variety in itself.

California Privet Plants for Hedges

By the Rod or by the Mile

Whether you want enough Privet to plant a rod or a mile, we want to supply you; write us NOW for particulars and prices. Owing to the mild climate of our locality we dig our Privet only as ordered; this does away with the necessity of digging and storing through the winter. When shipments are to be made, the roots are carefully protected and wrapped, and in this condition, Harrison's Privet can be shipped to any distance without drying out.

Try us on an order for California Privet; we have nearly 300,000 plants in sizes varying from 4–5 feet, down to 12–18 inches. We offer in addition very attractive stocks of Barberry, Arborvitae, Colorado and Koster's Blue Spruce, Norway Spruce, etc., also Fruit and Shade Trees of all kinds. Particulars on request. Address Box R.

Harrison's Nurseries, J. G. Harrison & Sons, Props., Berlin, Md.



PACIFIC COAST.

MARYSVILLE, CAL.—J. W. Evans, Jr., has leased, for a term of years, the Karr property on F street and at an early date will erect a large greenhouse and otherwise improve the grounds to facilitate his business.

SAN FRANCISCO.

The Market.

The weather has turned somewhat warmer than it was for a couple of weeks, and although we are greatly lacking in sunshine, flowers are not as scarce as they were one year ago. There are plenty of carnations of all kinds, at from $4 per hundred down to half that price. Roses, especially Bride, Maid and Liberty, are in good shape and quantity, but Beauties continue to be scarce.

Bulbous stock that is outside grown shows the results of the heavy frosts, and many patches of Paper White narcissi have been practically ruined. Freesias have made their appearance and, although rather short of stem, bid fair to be better in a few days. The early varieties of daffodils are rather plentiful, and the same can be said of Roman hyacinths. Valley has been scarce since the first of the year and, from present indications, will not be plentiful for some little time. Violets still show the results of the cold spell in short stems and small flowers, but they are daily becoming better, and if we do not have another frosty snap they should be at their best in a few days.

Business continues to be only fair, with funeral work the best asset of the local dealers at present.

Various Notes.

Jas. P. Taylor is away on a trip to southern California. He will be gone for several weeks.

R. D. Hunter, recently manager of the Germain Seed & Plant Co., of Los Angeles, is in town.

S. R. Lundy, representing W. A. Manda, Inc., was interviewing the local dealers last week.

J. J. Kegley, well known around the bay cities, is at present residing in Los Angeles, Cal.

James Nevin, gardener to H. E. Bothin, of Ross Station, is showing some extra fine orchids in his houses at present. Two new orchid greenhouses will be added to this place during the coming season.

The May Seed Co. has issued its garden annual. It is one of the best publications of its kind on the coast. G.

C. C. Johnson and John Olsen, Jr., have entered into partnership and are carrying on business under the name of the Eureka Floral Co., at 2197 Union street.

SAN FRANCISCO POINSETTIAS.

Kindly let me know how poinsettias are grown in San Francisco, what soil they favor, and if you think they can be profitably handled without heat in the greenhouses. F.

In the vicinity of San Francisco it is necessary to have plenty of heat to grow the poinsettia with any degree of success. In fact, this is one of the chief requisites if the plants are expected to produce flowers of marketable size. In southern California, in the neighborhood of Los Angeles and San Diego, the poinsettia is looked on as a hardy shrub and treated accordingly, but this point of view does not hold good in the neighborhood of San Francisco. If F. is so situated that he can apply heat late in the fall, he will have no trouble in handling the young stock up to that time without it.

The method pursued here is as follows: The cuttings are taken from the old plants in several successions, the first about the end of May and from that time up to early in August. They are easily rooted in sand if kept shaded and well watered. When ready, they are put first into 2½-inch pots and allowed plenty of moisture, air and sprinkling. They are given a second potting about six weeks later, into 4-inch pots. This is followed by the same treatment as before, for about the same length of time, and they are then ready for the final shifting into 6-inch or 7-inch pots or pans. By this time they will need some artificial heating, and, with the advent of cool nights and short days in October, the house must not be allowed to get below 60 degrees at any time, if the best of blooms and foliage are desired. If the weather be excessively warm in the daytime, see that the plants are properly shaded, syringed and given plenty of air. There is little else to add, except to see that no mealy bug or insects of any kind infest the bracts or leaves. These are easily kept down if the foliage is kept sufficiently moist.

Properly cared for, the poinsettias have proven to be, during the last few years, the most profitable plant handled by the growers. Without artificial heat, however, it would not be possible, in the vicinity of San Francisco, to produce flowers sufficiently large or showy to make the growing of them profitable. The usual mixture of soil for poinsettias is about two-thirds fairly heavy loam and one-third well-rotted cow manure. G.

COLUMBUS, GA.—William H. Sauls, formerly in the florists' trade and for the last forty-five years a resident of this city, recently celebrated his eighty-sixth birthday. Though so far advanced in years, he is still hale and hearty.

READING, PA.—E. H. Beears & Son have purchased some property, consisting of a lot, 40x122½ feet, and a two-story building, at the northwest corner of Ninth and Court streets. The price paid is said to have been in the neighborhood of $20,000. The new owners have taken possession of one of the two store rooms in the building, where they are handling flowers and confectionery.

Rooted Carnation Cuttings

	Per 100	1000
Winona, light pink	$3.00	$25.00
Enchantress	1.80	15.00
Wiusor	1.75	12.00
Rose-pink Enchantress	1.50	12.00
Nelson Fisher	1.25	10.00
Harlowarden	1.40	12.00
Eldorado, yellow	1.50	12.00
Variegated Lawson	1.25	10.00
Beacon	$2.25	$20.0
Victory	1.75	15.0
Red Lawson	1.25	8 0
Estelle	1.15	12.0
White Perfection	2.25	20.0
White Enchantress	2.25	20.0
White Lawson	2.00	15.0

25 of one variety at 100 rate; 250 of one variety at 1000 rate. Express prepaid on orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young healthy seedlings with two tiers, at $16.00 per 100 $150 per 1000; 500 and over at the thousand rate

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

Kentia Belm. Seeds

IN PORT

Get them fresh—Cash with order.
$4.25 per 1000; $40.00 per 10,000.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

Aster Seed

Late Branching, Oregon Grown.

Extra fine color, strong stems, fine for cutting. Prices: White, lavender, flesh pink and purple, ⅛ oz., 25c; ¼ oz., 40c; ½ oz., 70c; 1 oz., $1.30.

W. B. SIMS, Grower, Newberg, Ore.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. Pentstemon Hybridus Grandiflorus, tr. pkt., 25c; oz., $1.00. Pentstemons, Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in., buds and flowers	25.00
Primula Obconica, 2½-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

Pacific Coast headquarters for quantity and quality. Send for price list.

Bassett's Floral Gardens, LOOMIS, CAL.

Mention The Review when you write.

MARY TOLMAN

Deep flesh that does not fade in the strongest light, clean grower, rigid stem, perfectly formed flowers, good producer. Cuttings ready now. $12.00 per 100; $100.00 per 1000. Guaranteed in every way.

A. E. HUNT & CO., EVANSTON, ILL.
CHICAGO CARNATION CO., JOLIET, ILL.
HUNT BROS., PARK RIDGE, ILL.

Mention The Review when you write.

Conquest

Light pink overlaid with deep rose. The most valuable and attractive carnation on the market. Lawson habit, very free, long stiff stems, large well built flowers.

Winner of first prize wherever shown. Rooted cuttings guaranteed.
Ready now, $12.00 per 100; $100.00 per 1000.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

SANGAMO

Brilliant glistening pink. Winner wherever shown. The most prolific and fastest growing carnation of any; very clean, upright grower, long stiff stems, never splits, flowers nicely fringed and well rounded out. The one real money maker for you to grow. Orders booked now. $12.00 per 100; $100.00 per 1000. All cuttings guaranteed.

A. C. BROWN, Springfield, Ill. CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, Trier, Dorothy Perkins, T. Blumschen, Lady Gay, La Fiamma, Debutante, Hiawatha — 12c each

Tausendschon, Barbier — 20c each

Clematis Paniculata, field-grown, 1-year, 6c each.
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c
Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $3.00 per 100; $25.00 per 1000
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Grafted and Own Root Roses

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120.00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid,			
Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

Carnations We are now booking orders for Carnations. Pink Delight and May Day are our leaders in new varieties. Winsor, Beacon, White Enchantress and White Perfection in quantity.

Chrysanthemums The best of the new ones and the best of the standards. Commercial varieties exclusively. We are booking orders for both rooted cuttings and plants from pots for February and March delivery.

Our Catalogue Contains the Carnation and Chrysanthemum lists. It includes our Rose list and the bedding stock. You need our catalogue. If you haven't received one, send for it. We can handle your order whether it is large or small.

Bon Ami A Pure White Carnation

An excellent, clean, upright grower, bearing its flowers upon long, stiff stems. Flowers from 3 to 3½ inches in diameter. Will produce in quantity equal to "The Queen," with blooms far superior in quality. Orders booked now for February delivery. $10.00 per 100; $75.00 per 1000.

Also all the leading varieties at reasonable prices. Write for prices.

GEORGE E. BUXTON, **Nashua, N. H.**

Mention The Review when you write.

NEW ORLEANS.

Club Meeting.

The last meeting of the Horticultural Society was like the weather, a little chilly; still, the small attendance was made bright by two beautiful bunches of flowers spread on the tables—one of cut roses, sent by the Metairie Ridge Nursery Co., and the other a few pots of Cattleya Trianæ from James Newsham. Some interesting remarks were made on these productions, proving without a doubt that New Orleans is coming to the front as one of the best flower centers of the United States.

Secretary C. R. Panter, in presenting the annual report of the finance committee, said that the society had never been so flourishing since its organization, the membership being nearly fifty strong, with a good surplus of dollars on hand. H. Riefeld was elected a new member.

Various Notes.

A. Alost, who has some of his houses planted in cucumbers, reports a good crop of this fancy vegetable, the price being a little lower than last year.

We had lately a visit from W. Rehm, who is going to travel the western part of the country as representative of W. A. Manda, Inc., Short Hills, N. J. Mr. Rehm was formerly established in New Orleans, where he had been all his life identified with the flower business. He is also a relative of several prominent florists in the city. He is certainly well qualified for his new position and his many friends in New Orleans wish him the best success on the road. M. M. L.

NEW BEDFORD, MASS.

The Market.

Trade is about the same as usual here. Carnations are of good quality; they retail at 60 cents and 75 cents per dozen. Roses bring $1.50 and $2 per dozen. Violets sell at $1 per hundred blooms, retail, and sweet peas at the same price. Paper Whites bring 50 cents per dozen. Some nice freesias are coming in, and these help out finely in funeral work. Greens are rather scarce just now. Funeral work is good.

Various Notes.

R. E. Nofftz is showing some nice Beacon carnations.

Wm. P. Peirce is still getting those nice, large violets from Harvey Briggs, near Dighton, Mass.

Wm. H. Davenport reports a good demand for Boston and Whitmani ferns.

Peter Murray will soon build another house, 30x160. Mr. Murray reports business as fine. This new addition will greatly help his increasing trade. Besides carnations, he grows large quantities of bulbous stock and flowering plants.

W. L.

Apple Seedlings

We have some surplus, both AMERICAN and FRENCH grown.
All grades for grafting and budding.

Imported Fruit Tree Stocks

Now arriving—Cherry, Pear and Plum stocks.
ALL GRADES.

APPLE GRAFTS PIECE AND WHOLE ROOT
ORDER QUICKLY

Also a complete line of General Nursery Stock; mostly in storage.
Send List for Prices.

WANTED—APPLE SCIONS

Shenandoah Nurseries
D. S. LAKE, Prop. SHENANDOAH, IOWA

Mention The Review when you write.

FOREST TREE SEEDLINGS

We Have Millions of Seedlings
BLACK LOCUST, CATALPA SPECIOSA Red Bud, Sweet Gum, Sycamore, Persimmon, Poplar, Ash, Elm, California Privet, and various other seedlings at very low prices.
A large stock of transplanted 2 to 6 ft. Hamamelis Virginiana; Calycanthus, sweet shrub, 6 in. to 3 ft.; Spiraea Van Houttei, 2 to 2½ ft.
FINE STOCK. SEND FOR LIST.
FOREST NURSERY & SEED CO.
McMINNVILLE, TENN.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.
Mention The Review when you write.

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.
T. S. HUBBARD CO., Fredonia, N. Y.
Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) Seedlings
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.
HIRAM T. JONES,
Union County Nurseries ELIZABETH, N. J
Mention The Review when you write.

Peonies a Specialty
Write us for latest price list
PETERSON NURSERY,
Stock Exchange Building. CHICAGO.

Always Mention the....
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White Killarney, My Maryland, Pink Killarney

Rooted cuttings and 2½-inch plants. Booking orders now for future deliveries. The right Place—the right Goods—the right Prices. Come and see them grow.

	Rooted Cuttings Per 100	Rooted Cuttings 1000	2½ inch Per 100	2½ inch 1000
White Killarney	$6.50	$60.00	$ 8 50	$ 75.00
" " grafted	....	.....	14 00	125 00
Pink "	4.00	35.00	6 00	55.00
" " grafted	....	.....	12.00	110.00
My Maryland	4.00	35.00	6.00	55 00
" " grafted	....	.....	12.00	110.00

	Rooted Cuttings Per 100	Rooted Cuttings 1000	2½-inch Per 100	2½-inch 1000
Richmond	$3.50	$30 00	$5.50	$50.00
Maid	3.00	25.00	5.00	45.00
Bride	3 00	25.00	5 00	45.00
Cardinal	3.50	30.00	5.50	50.00
American Beauties	4.00	35.00	7.00	65.00

3½-inch sizes will be offered when ready at 40% increase over 2½-inch.
You cannot afford to buy poor stock at 50% less.

POEHLMANN BROS. CO., Morton Grove, Ill.

Mention The Review when you write.

NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

	Per 100	1000
Enchantress	$2 00	$15.00
W. Enchantress	2.50	18.00
Kingston Pet	2.50	18.00
Beacon	2.50	18.00
White Lawson	1.50	12 00
Winsor	1.50	12.00
Variegated Lawson	1.50	12.00

Send your orders for Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

Mention The Review when you write.

Carnation Cuttings

Strong, Well Rooted, Healthy Stock.

	Per 1000		Per 1000
Enchantress	$15.00	Winona	$25.00
R. P. Enchantress	15.00	Afterglow	25.00
W. Enchantress	25.00	Variegated Lawson	12.00
L. Enchantress	20.00	Pink Lawson	10.00
O. P. Bassett	45.00	Queen	10.00
Lucille	75.00	Sarah Hill	20.00
Beacon	25.00	White Perfection	25.00
Mrs. Chas. Knopf	45.00	Harlowarden	15.00
Victory	20.00	Ruby	45.00
Winsor	15.00		

——Cash or C. O. D.——

SOL. GARLAND, Des Plaines, Ill.

CARNATION CUTTINGS

White Enchantress	Lawson-Enchantress
Beacon	White Perfection
Enchantress	Winona

$2.50 per 100; $20.00 per 1000.

Winsor.....$2.00 per 100; $15.00 1000
Georgia..... 4.00 per 100; 35.00 1000

WHITE BROS., Gasport, N.Y.

PALMS

Especially strong plants ready for shifting.
Kentia Belmoreana, in 2½-inch pots, $9.00 per 100; $85.00 per 1000.
Areca Lutescens, in 2½-inch pots, $7.00 per 100; $65.00 per 1000.

JACKSON & PERKINS CO.
NEWARK (Near Rochester), NEW YORK

Mention The Review when you write.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.
RICHMOND, INDIANA

Mention The Review when you write.

Rooted Carnation Cuttings

Ready for January Delivery. Clean, Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85 00
Enchantress	2.00	18.00
Enchantress, Rose-pink	3.50	30.00
Enchantress, White	3.50	30 00
White Perfection	2 50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.
24 N. Main St. - - - DAYTON, OHIO

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2.00	$18.00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20.00
Pink Lawson	2.00	15.00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ACTO, N. J.

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DENVER.

The Market.

Trade last week was good, partly on account of the large amount of funeral work. Stock is not any too plentiful, especially in roses and carnations. Beauties are scarce and the quality is not to be compared with the stock of a few weeks ago. There has been a good crop of lilies and the demand for them is brisk, owing to the scarcity of other flowers. Other bulbous stock is not arriving in any large quantities. Tulips are short-stemmed, and as yet there are not many of them. Sweet peas are not plentiful; neither are mignonette or freesias. Daffodils are fine, but not enough are cut to go around. In fact, all kinds of stock were scarce Saturday, January 22.

Various Notes.

J. A. Valentine and Emil Glauber left Friday, January 21, to attend the carnation convention at Pittsburg.

The Colorado Florists' Club held its January meeting at T. M. A. hall Thursday evening, January 20, where they had refreshments and also listened to an interesting paper by William Horlacher, of the Barteldes Seed Co., on "Engelmanni and Conifer Spruce of the Rocky Mountains."

Mrs. Benson, wife of N. A. Benson, is very ill.

E. S. K.

JAMESTOWN, N. Y.—Thomas Russell is the first to own an auto wagon here. He says it is the best investment he has made since branching out some ten years ago.

NEWBURGH, N. Y.—The Yuess Gardens Co. has given a contract to Mitchell for a compartment greenhouse, 35x152 feet. This completes a block, and will be followed by a range of larger size. The firm reports seed orders as most encouraging.

JAMESTOWN, N. Y.—The Lake View Rose Gardens have not completed the three-story building intended for both wholesale and retail purposes. Lawrence Cotter says they have passed through a most strenuous season, keeping everyone feeling cheerful. Welch Bros., of Boston, are New England agents for a large quantity of this firm's stock.

HACKENSACK, N. J.—It is said that Frederick Kuhnert, a florist on Pink street, is engaged in the construction of an airship built on an entirely new plan, which will carry considerable weight and yet will be comparatively small and will not be liable to accident from falling. Mr. Kuhnert is less than 32 years of age. He has unusual mechanical ingenuity, of which he has made practical use in the solving of difficulties in greenhouse heating.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3.50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of **White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat, Beacon.**

Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

CARNATIONS

	Per 100
New Yellow, by Henry Schrade, Saratoga, N. Y., cuttings	$12.00
Bay State	5.00
Enchantress	3.00
White Enchantress	3.00
Winsor	2.50
White and Pink Lawson	2.00
Pres. Seelye	2.00
Lady Bountiful	2.00

Ready for immediate delivery.

Send for our Price Lists of Seeds and Bulbs.

Yuess Gardens Company

91 Water St., NEWBURGH, N. Y.

Mention The Review when you write.

Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6.00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Begonias,** $1.50 per 100. **Daisies,** white and yellow, $1.00 per 100. Express paid.

CASH WITH ORDERS

S. D. BRANT, Clay Center, Kan.

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery

Katalog for the asking.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg. PHILADELPHIA

ROOTED CUTTINGS

Geraniums, Mme. Sallerol (Silver Leaf), $1.00 per 100; $8.00 per 1000. S. A. Nutt, 2-in. pots, $2.00 per 100; 3-in. pots, $3.50 per 100.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Carnations, rooted cuttings. Enchantress, $2.50 per 100; $20.00 per 1000. White and Rose-pink Enchantress, $3.00 per 100; $25.00 per 1000. Pink Lawson, $2.00 per 100; $15.00 per 1000.
Russellias, 70c per 100; $6.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

Mention The Review when you write.

FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1.25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00 $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c. 6-in., 75c.
Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

All my plants are in fine condition.

JOHN BADER

43 Ravine St., N. S., PITTSBURG, PA.

Mention The Review when you write

FERNS

				Per 100
Boston,	strong,	6-in.,	stock,	$40.00 to $ 50.00
Scottii,	"	"	"	40.00 to 50.00
Piersoni,	"	"	"	40.00 to 50.00
Whitmani,	"	"	"	40.00 to 50.00
Todeaoides,	"	"	"	40.00 to 50.00
Superbissima,	strong,	6-in.,	stock,	100.00
"	"	4-in.,	stock,	40.00
Strong, 4-in. stock of above varieties,				20.00

20,000 **Ferns For Fern Dishes,** 6 leading varieties, $3.00 per 100.

The above stock is all No. 1 and guaranteed to be satisfactory.

EVENDEN BROS., Williamsport, Pa.

Mention The Review when you write.

New Mum Mary Ann

Color shell pink, height 3 feet, Japan-grown, 4 blooms to plant; scored 82 points Cincinnati, Ohio, fall '08. Without doubt the best early mum of its color and size, **Season October 10.**

At request of several growers I have decided to send it out, feeling sure it has a great future. You need this mum.

2-inch, strong, $3.50 per doz.; $25.00 per 100.

Paul O. Tauer, Lebanon, Ind.

Mention The Review when you write.

Palms and Other Seasonable Stock

We have an extra good stock of Forsteriana, made-up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values.

7-in. pots, 3 plants in a pot, 40 to 44 inches high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each.

Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each.

Full line of sizes of both Forsteriana and Belmoreana in Price List No. 5, just out. Send for it if you did not receive it.

Genista Racemosa—5-in. pot plants, bushy, $3.50 per doz.; $25.00 per 100.

Rhododendrons—18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.

Azalea Mollis—12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.

Bougainvillea Glabra Sanderiana—5-in., well shaped, bushy plants, $3.00 per doz.

Asparagus Sprengeri—2 in., $2.50 per 100; $20.00 per 1000.

Boxwood—Fine bush plants, 12 in. high, $3.00 per doz.; $20.00 per 100.

Fuchsias—Assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000; Little Beauty, $4.00 per 100, $35.00 per 1000.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

Mention The Review when you write.

Craig Specialties

Cyclamen	25c, 50c, 75c, $1.00, $1.25 each
Begonia Lorraine	15c, 35c, 50c, 75c, $1.25 each
Azaleas—Apollo and Firefly	75c, $1.00, $1.25, $1.50 each
Nephrolepis Scottii	$6.00, $9.00, $12.00, $18.00, $24.00 doz.
" **Todeaoides**	$6.00, $9.00, $30.00 doz.
Oranges	40c, 75c, $1.00, $1.25, $1.50, $2.00 each
Ficus Pandurata	$2.00, $3.00, $4.00 each
Dracaena Massangeana	$1.50 and $2.00 each

All of the above of first quality

ROBERT CRAIG CO., 4900 Market St, PHILADELPHIA, PA.

Mention The Review when you write.

Our Catalogue for 1910

Has just been mailed our patrons.

It is the most complete and comprehensive **Catalogue of Chrysanthemums** issued.

Mailed free upon request.

ELMER D. SMITH & CO., Adrian, Mich.

DETROIT.

The Market.

For the last week the whole city has been talking automobiles, and flowers had to take a back seat. It was auto show week, and there was not much evidence of its creating a demand for flowers. No doubt there were some flowers worn at the show in the evenings, and there were a few little social gatherings that called for flowers, but not enough to cut much figure.

Bulbous stock is now arriving in larger quantity and this has somewhat relieved other stock. Roses are quite a scarce article on this market at present. Some fine carnations are now seen, and the supply is more nearly equal to the call than a few weeks ago.

Various Notes.

Holland is well represented in America just now, by its many bulb salesmen. Many of these are still very young men, and one cannot help but wonder how they get around so well in a strange country, among people speaking an entirely different language. They are, on the whole, a most intelligent class and deserve credit.

There is less talk of disease among lilies this year, and the demand for Easter will no doubt be well met by the supply.

The president of the Detroit Florists' Club, Charles Plumb, has not been feeling well for some time. While the club can hardly afford to lose him for even one meeting, still we are pleased to hear that our president is planning for a long rest this summer, perhaps in Europe. Mr. Plumb is sending in some fine La Reine tulips, as well as a general lot of bulbous stock.

The palms and other plants used in decorating the beautiful fountain at the auto show were from the houses of Charles Warncke.

H. S.

Derry Village, N. H.—The Benjamin Chase Co. is sending its customers and friends a handsome calendar, reproducing the painting "Sweethearts."

Olean, N. Y.—Dana R. Herron is growing a fine stock of rooted cuttings in the new range, completed last year. He says he can sell all he can grow through the medium of the Review.

Pittsburg, Kan.—Julius C. Steinhauser, of the Pittsburg Nursery Co., has decided that he needs more space under glass and is contemplating the erection of three 200-foot houses, one for carnations and two for lettuce. He is also largely extending his operations in the nursery department.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

PRIMULA
Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.
Mention The Review when you write.

ROOTED CARNATION CUTTINGS

NEW CARNATIONS FOR 1910

	Per 100		Per 100
Dorothy Gordon	$12.00	Admiration	$12.00
Shasta	12.00	Alma Ward	12.00
Scarlet Glow	12.00	Mrs. C. W. Ward	12.00
Sangamo	12.00	Conquest	12.00

CARNATIONS OF 1909

	Per 100		Per 100
O. P. Bassett	$6.00	Ruby	$6.00
Pink Delight	6.00	Mrs. J. C. Vaughan	6.00
Mrs. Chas. Knopf	6.00	Georgia	6.00

STANDARD VARIETIES

White Varieties—	Per 100	Pink Varieties—	Per 100
White Enchantress	$3.00	Winsor	$3.00
Lady Bountiful	3.00	Afterglow	3.00
White Perfection	3.00	Splendor	3.00
Queen Louise	2.50	Pink Imperial	2.50
The Queen	2.00	Rose-pink Enchantress	2.50
My Maryland	2.00	Mrs Thos. Lawson	2.00
Sarah Hill	3.00	Nelson Fisher	2.00
Lloyd	3.00	Mabelle	1.50
		Variegated Enchantress	2.50
Red Varieties—			
Robert Craig	$3.00		
John E. Haines	2.00	**Yellow Varieties—**	Per 100
Beacon	3.50	Eldorado	$2.00
Flamingo	2.00	Golden Beauty	2.00
Victory	3.00		
Roosevelt	2.00	**Variegated Varieties—**	Per 100
Harlowarden	2.00	Mrs. Patten	$2.50
Cardinal	2.00	Jessica	2.50

GRAFTED and OWN ROOT ROSES ready for early delivery. Send for circular.

CHOICE VARIETIES OF VERBENAS

Rooted cuttings, our selection	$0.75 per 100; $ 6.00 per 1000
Plants, 2½ in. pots, our selection	2.50 per 100; 20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100; 8.00 per 1000
Plants, purchaser's selection	3.00 per 100; 25.00 per 1000

Entirely sold out of Miss Wilmott cuttings and plants.

J. L. DILLON, - - - - Bloomsburg, Pa.

Mention The Review when you write.

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted, Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.
If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Cash with order.

Frank Oechslin, 4911 Quincy St., **Chicago, Ill.**

Formerly Garfield Park Flower Co.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,
BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

Always mention the Florists' Review when writing advertisers.

ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

Mention The Review when you write.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

Mention The Review when you write.

50,000 Geraniums

S. A. Nutt, 2-in., $2.00; 3-in., $3.50 per 100.

La Favorite and Ivy Leaf (double pink), 2-in., $1.75; 3-in., $3.25 per 100.

L. J. ROWE, Titusville, Pa.

Always Mention the....
Florists' Review
When Writing Advertisers

Roses

Fine 2½-in. pots. Own roots.

Orders booked now for March and April delivery.

	Per 100	1000
White Killarney	$8.00	$75.00
Killarney	5.00	45.00
My Maryland	6.00	50.00
Rhea Reid	6.00	50.00
Richmond	5.00	45.00
Kate Moulton	5.00	45.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

Also American Beauties

Carnation Rooted Cuttings

	Per 100	1000
O. P. Bassett	$6.00	$50.00
Pink Delight	6.00	50.00
Mrs. J. C. Vaughan	6.00	50.00
Georgia	6.00	50.00
Sarah Hill	5.00	45.00
Patten	3.00	25.00
Afterglow	3.00	25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Victory	2.50	20.00
Robt. Craig	2.50	20.00
Lady Bountiful	2.00	17.50
White Lawson	2.00	17.50
Winsor	2.00	17.50
Mrs. T. W. Lawson	1.50	12.00
Light-pink Lawson	1.50	12.00

Ferns

Boston Ferns, 3-in., 5c; 4-in., 12c; 5-in., 25c; 6-in., 40c; 7-in., 90c; 8-in., $1.25.

Whitmani, 2¼-in., 4c; 4-in., 20c; 5-in., 30c; 6-in., 50c; 7-in., 90c; 8-in., $1.00; 9-in., $1.25; special, 3 in a pan, $1.25.

Plumosus Nanus, 3-in., 6c; 4-in., 10c; made-up plants, in 5-in., 35c; 6-in., 50c.

Sprengeri, 2¼-in., 2½c; 4-in., 8c; 5-in., 15c; 6-in., 30c; 7-in., 75c.

Ferns for Dishes, Pt. Wilsoni, Pt. A. Lineata, Pt. Wm. Multiceps, Cyrt. Falcatum, Asp. Tenuissimense, 2½-in., $3.50 per 100; 3-in., $6.00 per 100.

Red Dracaenas, 3-in., 10c and 12½c; 6-in., $1.00.

Araucaria, 4-in., 4 tiers, 60c; 5-in., 5 tiers, $1.00.

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY
The Orchid Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.

ORDONEZ BROS., 41 W. 28th St., New York
AND MADISON, N. J.

Mention The Review when you write.

DAHLIAS—GLADIOLUS

400 varieties of **Dahlias,** selections from the best the country affords.

Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

GERANIUMS

We have a fine stock in 2-inch pots, ready for immediate shipment, at $2.00 per 100 and up. Our New Descriptive Catalogue and Price List is being mailed. If interested write us.

	Per 100
Ivy-leaved Geraniums, 6 varieties	$2.00
Scented Geraniums, 10 varieties	2.00
Variegated Geraniums, 5 varieties	3.00
1909 Novelties, 1 each of 50 varieties	5.00

We have a splendid stock in 2-in. pots, of the following:

Double Lobelia Kathleen Mallard	2.00
Alyssum, giant and dwarf	2.00
Lemon Verbenas	2.00
Fuchsias, 6 varieties	2.00
Coleus, Verschaffeltii and Golden Bedder	2.00
Lantanas, 8 varieties	2.00
Double Petunias, mixed colors	3.00
Canna Roots, home-grown, 1,000,000 good strong divisions	$18.50 per 1000
King Humbert	$50.00 per 1000; 6.00
Dahlia Roots, whole field clumps	40.00 per 1000; 5.00
Mixed to color	35.00 per 1000.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

Mention The Review when you write.

STOCK FOR FLORISTS

ROSES for Forcing—Hybrid Perpetuals and Ramblers, all the best ones; fine, strong stock. **CLEMATIS, AMPELOPSIS, TREE HYDRANGEAS and LILACS, SHRUBS, VINES and PERENNIALS.** Write for prices.

JACKSON & PERKINS CO., Newark. Near Rochester, New York

Nurserymen and Florists—Wholesale Only. Use printed stationery.

Mention The Review when you write.

DECORATIVE PLANTS

	Per 100
2½-in. Boston Ferns	$ 4.50
4-in. " "	15.00
5-in. " "	25.00
7-in. " "	60.00
2½-in. Whitmani Ferns	5.00
2-in. Asparagus Plumosus Nanus	8.00
4-in. " "	12.00
2-in. Asparagus Sprengeri	2.50
3-in. " "	6.00
2-in. assorted Ferns for dishes	3.00
4-in. Araucaria Excelsa	50.00
2-in. Baby Primrose	2.50
2-in. Chinese Primrose	2.50
3-in. Cyclamen	7.00
4-in. "	15.00
2-in. Moonvines, white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

D. U. AUGSPURGER & SONS CO.
PEORIA, ILL.

Mention The Review when you write.

GLADIOLUS INDEPENDENCE

This is without exception the best light red Gladiolus in the market. Fine bright foliage; stem always straight; spike perfect with good number of flowers open at once. Flower of great substance, shipping well, of good size, well opened, color bright cherry, fine by artificial light.

All sizes and cormels. Write for prices.

GEO. S. WOODRUFF, Independence, Ia.

Mention The Review when you write.

Snow White Sport of HELEN FRICK
Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.

Heavy stock plants.....$3.00 per doz.
Smaller " " ..... 2.00 "

HENRY EICHHOLZ, Waynesboro, Pa.

Ferns : Ferns

We must have room for our Easter Stock

Fine, strong, healthy Table Ferns, in 8 to 10 of the best varieties, from 2½-in. pots, fully established for dishes, at the extraordinary price of $2.50 per 100, $20.00 per 1000. Positively the best bargain offered in this popular plant. This offer only holds good until our surplus is reduced and we obtain the room required. Cash with order. We can ship via U. S. or Adams express. Orders will be filled in rotation.

T. N. YATES & CO.
7356 Germantown Avenue
PHILADELPHIA, PA.

Mention The Review when you write.

Geraniums—American Beauty, 2¼-in. pots, $35.00 per 1000. S. A. Nutt, La Favorite, Mme. Barney, 2¼-in. stock, $2.00 per 100; $18.00 per 1000.

Dahlias—Fine assortment, all good cut flower varieties, $6.00 per 100; $55.00 per 1000. Large field-grown roots.

Hardy Phlox—Large lots, all true to name. Good sized clumps from the field. $4.00 per 100; $35.00 per 1000.

Write for descriptive lists of Dahlias and Phlox.

WOODWORTH & PARKER, Geneva, O.

Mention The Review when you write.

Whitmani Ferns

Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.

Scholzeli Ferns, from 2½-in., $5.00 per 100.

Boston Ferns, 2½-in. pots, $3.00 and $4.00 per 100.

Camellias, Campbell and Chandlerii, in bloom, $1.25, $1.50 and $2.00 each.

ANTON SCHULTHEIS, College Point, L. I.

PITTSBURG.

The Market.

A week of everything mean that winter has to offer did not prevent a fair business; it was not a big week, but there always was something doing. Stock of some kinds was scarce, Beauties and roses being the worst, but not short enough to put prices up any. Other flowers, such as tulips, trumpets, narcissi, lilies, freesia, carnations and valley, were plentiful, with violets a little overdone, so that the week did not give much trouble anywhere.

Various Notes.

Considering the fact that there are only a few carnation growers in this vicinity (you can almost count them on one hand), it is wonderful the amount of enthusiasm there was in advance of the A. C. S. convention; all seemed to want to make it a success.

Wm. Lauch, of New Galilee, Pa., celebrated his thirty-eighth birthday January 20 by visiting his old home in Carrick, where he used to grow the big carnations.

Chas. Crall sold his chicken farm, which was claiming a portion of his time, and will now give his full attention to the retail department of the I. S. Crall Co., Monongahela, Pa.

Frank Faulk has been a sufferer with the grippe.

Edward McGrath has assumed the management of the downtown store of H. L. Blind & Bros. He is well known to the trade, having been for years with R. C. Patterson and Breitenstein & Co.

The Zieger Co. is adding a thirty-five horse-power Winton auto, to be used as a van for decorations. This will make three machines for this firm.

Miss A. L. Wells, of Steubenville, O., has gone for an extended trip to California. Hoo-Hoo.

Hornell, N. Y.—The Wettlin Floral Co. reports good returns from its advertising in the Review, and is making up a choice stock for the coming season.

Peoria, Ill.—J. S. Brockway, an employee of Cole Bros., has become a public issue. He was so dissatisfied with the way the fire department handled a recent fire in which four lives were lost that he denounced the department on the spot and was arrested, which brought the matter into court.

Wholesale Trade List

Asparagus Plumosus, 3-in. pots, $5.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100.

Clematis paniculata, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

Passiflora caerulea, 3-in. pots, $5.00 per 100.

Daisies, yellow and white, 2½-in. pots, $3.00 per 100.

Smilax, 3-in. pots, $5.00 per 100.

Ferns, Boston and Scottii, 4½-in. pots, $2.00 per doz.

Ferns For Dishes, fine assortment, 2½-in. pots, $3.00 per 100.

Dracaena Indivisa, 4-in. pots, $10.00 per 100.

English Ivy, 3-in. pots, $5.00 per 100.

Rooted Cuttings, from flats, $1.00 per 100.

Heliotrope, dark and white; **Feverfew,** double; **Lobelia,** double and single, blue; **Ageratum, Cigar Plant, Parlor Ivy, Geraniums,** assorted.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

Headquarters for Azalea Indica for Easter

Well budded and round as an apple

In Easter varieties, in larger sizes, we have Bernard Andre alba (white), Niobe (white), Helene Thelemann (rose), Empress of India, Apollo (red), De Schryveriana (double variegated), Dr. Moore (pink), Mme. Van der Cruyssen, Louise Van Houtte (double large red), Simon Mardner, Vervaeneana, $1.25, $1.50, $2.00 to $2.50 each. In smaller sizes we have Simon Mardner, Van der Cruyssen, Niobe, Empress of India, Deutsche Perle, Vervaeneana, De Schryveriana, 50c, 75c, $1.00 to $1.25.

Plants for Balls, Parties, etc.

Azalea Indica, in fine shape, in bud or bloom. Mme. Petrick, pink; Simon Mardner, pink; Deutsche Perle, white; Vervaeneana and Apollo, red; 75c, $1.00, $1.25 and $1.50.

Kentia Forsteriana, 35, 40 to 50-in. high, $1.50, $2.00, $2.50 and $3.00 each; 4-in., 20c.

Kentia Belmoreana, 4-in., 25c; 3-in., 10c.

Cocos Weddelliana, 3-in., 15c.

Latania Borbonica, 4-in., 20c.

Easter Lilies, well started, 6-in. pots, raised from 9 to 10 bulbs, Multiflorum, Formosum and Giganteum, 25c and 35c

Cineraria Hybrida, Aschmann's well-known strain, 6-in. pots, in bud or without bud, 25c and 35c.

Areca Lutescens, made-up, 5¼-in., 35c.

Asparagus Plumosus, 2½-in., 8c; 3-in., big 6c; 4-in., 10c.

Asparagus Sprengeri, 3-in., 5c; 4-in., 10c.

Begonia Flambeau, 4-in., 15c.

Ferns, Todeaoides, 5½, 6 and 7-in., 35c, 40c, 50c, 60c, 75c and $1.00. Dish Ferns, 2½-in., 4c.

Ferns, Victoriae (silver leaf fern), 6-in. pans, 3 plants in a pan, very attractive, 30c per pan.

Cash with order, please. Please state if in or out of pots.
All plants must travel at purchaser's risk.

GODFREY ASCHMANN, 1012 W. Ontario St., Philadelphia, Pa.

Mention The Review when you write.

Guaranteed Varieties. **ORCHIDS** Direct from Collector.

Cattleyas, Vandas, Oncidiums, Dendrobiums, Odontoglossums, Miltonias, Laelias, Phalaenopsis, Etc.

Commercial varieties in any **quantity.** Advance orders insure good plants and prompt delivery. Prices and standard have no equal.

1910 catalogue now ready.

G. L. FREEMAN, 388 Appleton St., Holyoke, Mass.

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SELECT FERNS For Fine Store Trade

We offer a grand lot of exceptionally well-grown plants of the different varieties of

Nephrolepis, which will be found one of the best selling and most profitable plants that florists can handle. Our stock is in unusually fine shape, and we will guarantee it will please the most exacting, as it is exceptionally good value at the prices quoted.

Improved Elegantissima. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greatly improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-in. pots, $3.00 per doz.; 6-in., $6.00 to $9.00 per doz.—according to size; 8-in., $12.00 to $18.00 per doz.—according to size.

Superbissima. Introduced by us in 1908. A very unique and distinct novelty. Its distinguishing characteristics are its dark green foliage and dense growth. Fronds are very heavily imbricated, making them very dense and compact. Strong plants, 4-in. pots, $3.00 per doz.; 6-in., $6.00 to $9.00 per doz.—according to size; 8-in., $12.00 to $18.00 per doz.—according to size.

Bostoniensis, Piersoni, Whitmani, Scottii—Extra fine plants, 6-in. pots, $6.00 per doz.; 8-in. pans, $12.00 per doz.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

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Soft Wooded Stock

We have the following soft wooded plants: Ageratum, Alternantheras, Alyssum, Asters, Candytuft, Cannas, Cinerarias, Carnations, Coleus, Chrysanthemums, Centaurea, Cuphea, Daisies, Feverfew, Fuchsias, Geraniums, German Ivy, Impatiens Sultani, Lobelia, Lantanas, Lemon Verbenas, Mignonette, Moonvines, Pansies, Pelargoniums, Petunias, Pileas, Phlox, Salvia, Smilax, Santolinas, Stocks, Verbenas, Vincas.

GEO. A. KUHL

Wholesale Grower **Pekin, Ill.**

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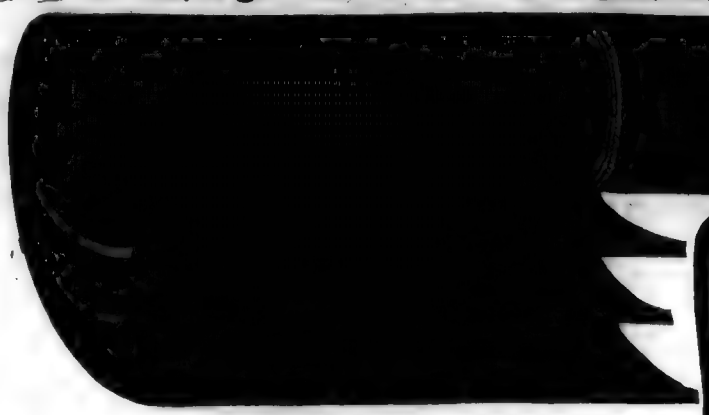
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A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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Look for this Brand.

The only manufacturers devoting their entire time and attention to the manufacture of Rubber Hose.



Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

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Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Write for prices.

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New Brand New Style.
Hose "RIVERTON"
Furnished in lengths up to 500 ft. without seam or joint.
The HOSE for the FLORIST

¾-inch,	per ft.,	15 c.
Reel of 500 ft.,	"	14½c.
2 Reels, 1000 ft.,	"	14 c.
½-inch,	"	13 c.
Reels, 500 ft.,	"	12½c.

Couplings furnished.
HENRY A. DREER,
714 Chestnut St.,
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YOU Will find all the best offers all the time in the Review's Classified Advs.

NOXALL FLORISTS' HOSE



Furnished in any length up to 500 feet, without seam, joint or connection, ½ and ¾-in. sizes. An exceptionally high grade greenhouse hose, manufactured with a double woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover. The double woven jacket construction makes a stronger hose than can be obtained from cotton duck and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking. Noxall Hose is guaranteed to stand a pressure of 500 lbs. per square inch, although its bursting pressure is far in excess of this. Noxall Hose is made by the latest and most improved methods and its construction is the most important improvement made in the manufacture of rubber hose since Goodyear discovered the process of vulcanizing rubber 75 years ago. No hose made will give equal service for greenhouse use.

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Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ACHYRANTHES.

Achyranthes McNally, 2¼-in., 2½c.
Hammerschmidt & Clark, Medina, O.

ADIANTUMS.

Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
Baur Floral Co., Erie, Pa.

Adiantums, good stock, 3-in., $6.00 per 100.
W. R. Johnston, Calla, Ohio.

AGERATUMS.

Ageratums, fine purple; rooted cuttings, 50c per 100, $4.00 per 1000; 3-in., 3c each. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ageratum Little Blue Star, rooted cuttings, 75c; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Ageratum Stella Gurney, R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Ageratum, blue; well rooted cuttings, 50c per 100. W. R. Johnston, Calla, Ohio.

Ageratum Stella Gurney, 2¼-in., 2¼c.
Hammerschmidt & Clark, Medina, O.

ALTERNANTHERAS.

Alternantheras. Strong, well rooted cuttings, the kind that will please you. P. major, red, 50c per 100; $4.00 per 1000. A. nana, yellow, 50c per 100; $4.00 per 1000. Brilliantissima, best red, 60c per 100; $5.00 per 1000.
J. W. Davis, 225 W. 16th St., Davenport, Ia.

Alternantheras, red and yellow, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternantheras, red and yellow, rooted cuttings, 50c; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Alternanthera rooted cuttings, 3 kinds, 50c; $4.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Alyssum, double giant, 2-in., 1¾c. Cash. 10% discount for Jan. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Alyssum, best for florists, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Double alyssum, 2½-in., $2.50 100; well rooted cuttings, $1.00 100.
M. S. Foreman, Louisiana, Mo.

AMPELOPSIS.

Ampelopsis Veitchii, fine, well rooted, one year plants, 18 to 24 in. 50 plants by mail $2.00; 100 by express, $3.00; 1000, $25.00. Well graded and well packed plants in cellar.
Chas. Black, Hightstown, N. J.

ARAUCARIAS.

Araucaria excelsa from 2-in. pots, 5 to 6 in. high, seedlings with two tiers, $16.00 per 100.
F. Ludemann, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

Asparagus plumosus, 2-in., $2.00 per 100, $18.00 per 1000; 2½-in., $3.00 per 100, $27.50 per 1000. Sprengeri, 2¼-in., $1.75 per 100, $15.00 per 1000; 3-in., $4.00 per 100, $35.00 per 1000. Cash, please. Also see our advs. under ferns and vincas.
Reeser & Youngstrand, Springfield, Ohio.

Asparagus plumosus, 2½-in., $2.50 per 100; Sprengeri seedlings, 1c, $9.00 per 1000; Sprengeri, 2½-in., 2½c; 3-in., 5c; 4-in., 10c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Asparagus Sprengeri, 3-in., were ready for 4 and 5-in. two months ago, a bargain at $4.50 per 100; $40.00 per 1000. Cash.
J. B. Doyle, Zanesville, Ohio.

ASPARAGUS SPRENGERI AND PLUMOSUS.
Fine 2-in. Sprengeri, $2.00. 2-in. plumosus, $3.00; 4-in., $10.00.
Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, strong plants, 2, 3 and 4-in., plumosus nanus, strong 4 and 5-in. Good stock; low prices.
Murray The Florist, Peoria, Ill.

Asparagus plumosus, 2¼-in., $3.50 per 100; Sprengeri, 2¼-in., $2.50; 3-in., $5.00; 4-in., $10.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus, 3-in., 75c per doz., $5.00 per 100, $45.00 per 1000; 500 at 1000 rate.
Wittbold Co., 737 Buckingham Pl., Chicago.

ASPARAGUS PLUMOSUS.
2¼-in., $3.00 100; 4-in., $6.00 100.
S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus Sprengeri, strong plants, 2½-in., $2.00 100, $18.00 1000; 3-in., $3.00 100, $27.00 1000. The East Lawn Gardens, Urbana, Ohio.

Asparagus plumosus, $25.00 per 1000; Sprengeri, $15.00 per 1000. Good stock; samples on request. Albert M. Herr, Lancaster, Pa.

Exceptionally strong Asparagus plumosus, 2¼-in. pots, $2.50; 3-in., $5.00; 4-in., $10.00 per 100. Williams Floral Co., Bedford, Ind.

200 Asparagus plumosus, strong 3½-in., $5.00 per 100; 500 Sprengeri, 2½-in., $2.50 per 100.
Cowan's Greenhouses, Oxford, Pa.

Asparagus plumosus and Spregeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus plumosus, strong, thrifty 3-in., ready for a shift, $5.00 per 100.
Kaupp & Son, Nevada, Mo.

Asparagus Sprengeri, 2-in., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, Ohio.

Asparagus plumosus, 2¼-in., strong, $2.50 per 100.
C. Winterich, Cyclamen Specialist, Defiance, O.

Asparagus plumosus nanus, 4-in., extra fine, large plants, $8.00 per 100.
Scharff Bros., Van Wert, Ohio.

Asparagus plumosus, 3-in., strong, $4.00 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

Asparagus plumosus, strong, 4-in., $10.00 per 100. Cash. J. M. Smely, Aurora, Ill.

Asparagus Sprengeri, strong 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus plumosus nanus, 3-in., $4.00 per 100. Loyd C. Bunch, Fredonia, Kan.

Asparagus Sprengeri, 3-in. pots, $3.00 per 100. D. R. Herron, Olean, N. Y.

Asparagus plumosus, fine 4-in., $10.00 per 100.
Williams & Clark, Muncie, Ind.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus plumosus, fine, 3-in., $5.00 per 100.
Weber Bros., Ironton, Ohio.

Get Sprengeri for Easter, 6c; 4 and 5-in.
Roney Bros., West Grove, Pa.

Asparagus Sprengeri, 2-in., 2c.
Hammerschmidt & Clark, Medina, O.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

AZALEAS.

Azalea mollis, 12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Azaleas, Vervaeneana and Van der Cruyssen, 12 to 14 in., $1.00 each, $9.00 per doz.; 6 at doz. rate.
Wittbold Co., 737 Buckingham Pl., Chicago.

BEGONIAS.

Begonias, blooming varieties, 8 best commercial kinds. Strong rooted cuttings, ready now, $1.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, Ohio.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia semperflorens, transplanted, extra strong, from flats, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

Begonia rubra, strong plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Begonia spathulata, 2-in., $2.00 per 100.
W. R. Johnston, Calla, Ohio.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BOUGAINVILLEAS.

Bougainvillea glabra Sanderiana, 5-in., well shaped, bushy plants, $3.00 per doz.
Storrs & Harrison Co., Painesville, Ohio.

BOX.

Giant var., 4-in., 8c; mail or exp., prepaid.
Gem Nursery, Los Gatos, Cal.

BOXWOOD.

Boxwood, fine bush plants, 12 in. high, $3.00 per doz., $20.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

BULBS.

The true everblooming Mexican tuberose, of which every Southern florist should plant a few, at $4.00 per 1000. Crinum fimbriatulum, the summer blooming lily, $10.00 per 100. Cash with order, please.
Cleveland Nursery, Waco, Tex.

DWARF PEARL TUBEROSE BULBS
CALADIUM ESCULENTUM.
For immediate delivery.
Write for prices.
Z. J. CARTER & SON, WALLACE, N. C.

Bulbs. Special wholesale price list of native lilums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

Bulbs. Amaryllis, Milla, bessera, zephyranthes, Cooperia. Ask for prices. Wm. Tell, Austin, Tex.

CACTI.

Well established cacti in variety. Ask for prices. Wm. Tell, Austin, Tex.

CANDYTUFT.

Giant var., outdoor grown, by mail, 1½c.
Gem Nursery, Los Gatos, Cal.

CANNAS.

Cannas. The best are the cheapest. Surplus of R. Wallace, the best yellow to date, 2½c; Louisiana, Gladiator, Duke of Marlborough, Indiana, Philadelphia, 2½c; Express, 3c; P. Nardy, 4c; K. Humbert, 6c. Choice home-grown roots in the pink of condition.
W. J. Engle, R. R. 8, Dayton, O.

Dry bulbs. King Humbert, $5.00 per 100. David Harum, Kate Gray, Pennsylvania, Allemania, Austria, $2.00. F. Vaughan, D. Marlborough, $1.50 per 100; $12.00 per 1000. Cash.
A. Thornhill, Box 219, R. R. 5, Rosedale, Kan.

Started clumps of Austria and Crozy cannas.
G. B. Windler, 4059 Delore Ave., St. Louis, Mo.

Austria, Italia, Chas. Henderson, Pennsylvania, $1.30; Flor. Vaughan, Black Beauty and Chautauqua, $1.80. Strong, 2 to 5 eyes. Cash with order. Valdesian Nurseries, Bostic, N. C.

Canna roots. Chas. Henderson, Pennsylvania, Mlle. Berat, Austria, Italia, Florence Vaughan, Kate Gray, Robusta, Black Beauty, 2 to 3 eyes, $1.25 per 100. W. R. Johnston, Calla, Ohio.

Canna roots. Souvenir de A. Crozy, Egandale, Queen Charlotte, A. Bouvier, $2.00 per 100; $18.00 per 1000. Cash, please.
J. Ambacher, West End, N. J.

Plump, healthy canna roots, $1.50 per 100; wintered in unheated earth pits. C. Henderson, Harlborough, Buttercup, etc.
Rose Gardens, North Emporia, Va.

75,000 cannas, home-grown, true to name, $8.00 to $50.00 per 1000. Send for price list.
W. W. Coles, Kokomo, Ind.

Cannas. Started plants of King Humbert, 50c per doz., postpaid.
A. B. Campbell, Cochranville, Pa.

Cannas, 2 and 3-eye divisions, Henderson and Pennsylvania.
Aurora Greenhouse Co., Aurora, Ill.

Cannas, very extra list, big stock. Send for list. C. Betscher, Canal Dover, Ohio.

Cannas. See display adv. for special offerings.
Mosbæk Greenhouse Co., Onarga, Ill.

Bronzo, finest in the world, $10.00 100. Cash.
T. E. Hallbeck, West Salem, Ill.

CARNATIONS.

CARNATION CUTTINGS.
Strong, clean and well rooted.

Standard varieties.	100.	1000.
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
Winsor	3.00	25.00
Winona	3.00	25.00
Afterglow	3.00	25.00
Lawson	3.00	25.00
Melody	3.00	25.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Queen Louise	2.50	20.00
Beacon	3.00	25.00
Victory	3.00	25.00
Variegated Lawson	3.00	25.00
M. A. Patten	2.50	20.00
Mrs. Hutchison	3.25	25.00
Roosevelt	2.50	20.00
Boston Market	2.50	20.00
Flora Hill	2.50	20.00
Dorothy	2.50	20.00
Elbon	2.50	20.00
Liberty	2.50	20.00
Climax	2.50	20.00
White Beauty	2.50	20.00
Yellow Beauty	2.50	20.00
New varieties.	100.	1000.
Alma Ward	$15.00	$120.00
Mrs. C. W. Ward	12.00	100.00
Sangamo	12.00	100.00
Dorothy Gordon	10.00	75.00
Pink Delight	6.00	50.00
Apple Blossom	6.00	50.00
May Day	6.00	50.00
Georgia	6.00	50.00
Mrs. J. C. Vaughan	6.00	50.00

S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION CUTTINGS.
Strong, well rooted, healthy stock.

Enchantress	$15.00 per 1000
Rose-pink Enchantress	15.00 per 1000
White Enchantress	25.00 per 1000
Lawson Enchantress	20.00 per 1000
O. P. Bassett	45.00 per 1000
Lucille	75.00 per 1000
Beacon	25.00 per 1000
Mrs. Charles Knopf	45.00 per 1000
Victory	20.00 per 1000
Winsor	15.00 per 1000
Winona	25.00 per 1000
Afterglow	25.00 per 1000
Variegated Lawson	12.00 per 1000
Pink Lawson	10.00 per 1000
Queen	10.00 per 1000
Sarah Hill	20.00 per 1000
White Perfection	25.00 per 1000
Harlowarden	15.00 per 1000
Ruby	45.00 per 1000

Cash or C. O. D.
SOL. GARLAND, DES PLAINES, ILL.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Prosperity, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (pink Prosperity, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

Well rooted Enchantress, Lawson, Queen, $1.50 per 100; $12.50 per 1000.
I have 500 well rooted Beacon which I will exchange for 500 well rooted Winsor.
C. W. Curtis, Irondequoit, N. Y.

Carnations. Clean, healthy cuttings of Lawson-Enchantress, unrooted, $2.00 per 100. Will exchange for Winona, May Day or Pink Delight unrooted cuttings.
W. C. Hill Floral Co., Streator, Ill.

ROOTED CARNATION CUTTINGS.

	100	1000
Georgia	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	6.00	50.00
Winona	3.00	25.00
Winsor	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
Afterglow	2.50	20.00
O. P. Bassett	6.00	50.00
Beacon	3.00	25.00
Victory	3.00	25.00

And all the standard varieties.
THE LEO NIESSEN CO.
1209 Arch St., Philadelphia, Pa.

STRONG, HEALTHY, WELL ROOTED CUTTINGS. NOW READY.

	100.	1000.
Georgia, best white	$6.00	$50.00
Harvard, crimson	4.00	35.00
Faust, Christmas scarlet	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	3.00	25.00
Winsor	2.50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00
Bay State	6.00	50.00
Victoria	4.00	35.00

REMEMBER WE GUARANTEE SATISFACTION.
James D. Cockcroft, Northport, L. I., N. Y.

CARNATION ROOTED CUTTINGS.

	100.	1000.
Mrs. C. W. Ward	$12.00	$100.00
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.50	30.00
Beacon	3.50	30.00
Robert Craig	3.50	30.00
Afterglow	3.50	30.00
Enchantress	3.50	30.00
Rose-pink Enchantress	3.50	30.00
Harlowarden	3.50	30.00

Chas. H. Totty, Madison, N. J.

STRONG, HEALTHY, WELL ROOTED CARNATION CUTTINGS.
Alma Ward, $15.00 100; $120.00 1000. Admiration, Mrs. C. W. Ward, Shasta, Sangamo, Mary Tolman, Conquest, $12.00 100; $100.00 1000. Dorothy Gordon, $10.00 100; $75.00 1000. Niagara, Wanoka, Ruby, May Day, Georgia, Mrs. J. C. Vaughan, O. P. Bassett, Bay State, Apple Blossom, Gov. Deneen, $6.00 100; $50.00 1000. White Perfection, White Enchantress, Winsor, Beacon, Afterglow, Winona, Snowflake, $3.00 100; $25.00 1000. Lloyd, Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, $2.50 100; $20.00 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

SELECT CUTTINGS, STRONGLY ROOTED. EXTRA GOOD VALUE.

	100.	1000.
White Enchantress, Beacon	$3.50	$30.00
Rose-pink, W. Perfection	2.50	25.00
Enchantress, Winsor	2.00	20.00
White Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

A Rockford florist writes us: "Your carnation cuttings received, and I most cheerfully say they are the best lot of rooted cuttings I have ever received." Let us reserve what you will need. Gullett & Sons, Lincoln, Ill.

CARNATION ROOTED CUTTINGS.
Strictly first-class stock of the best commercial varieties. 250 at 1000 rate.

	100	1000
Harlowarden	$2.00	$18.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.75	22.50
White Perfection	2.75	22.50
Pure White Enchantress	3.00	25.00
Winona	3.00	25.00
Beacon	3.50	30.00

A. A. GANNETT, GENEVA, N. Y.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$15.00 1000
R. P. Enchantress	2.00 100;	15.00 1000
Lawson-Enchantress	2.00 100;	18.00 1000
Winsor	1.50 100;	12.50 1000
Nelson Fisher	2.00 100;	15.00 1000
M. A. Patten	1.00 100;	10.00 1000
Lady Bountiful	1.50 100;	12.50 1000
Boston Market	1.00 100;	10.00 1000
Beacon	3.00 100;	25.00 1000

Cash or C. O. D.
John H. Miller, 5558 N. Lincoln St., Chicago.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

Rooted carnations, strong, healthy stock. Lawson and White Lawson, $1.50 per 100; $12.00 per 1000. Enchantress and R. P. Enchantress, $2.00 per 100; $18.00 per 1000. Victory, $2.50 per 100; $20.00 per 1000. Will exchange for strong 3-in. Asparagus plumosus.
Wellworth Farm Greenhouses, Downers Grove, Ill.

Carnations, strong, healthy rooted cuttings, ready now.
Lawson-Enchantress Enchantress
White Enchantress Lady Bountiful
R. P. Enchantress White Perfection
$2.50 per 100; $20.00 per 1000.
O. P. Bassett, $6.00 per 100; $50.00 per 1000.
KRUEGER BROS., TOLEDO, OHIO.

Clean, well rooted carnation cuttings, from plants of perfect health. Lawson-Enchantress, $3.00 per 100; $25.00 per 1000. Enchantress, Rose-pink Enchantress, Aristocrat and Afterglow, $2.50 per 100; $20.00 per 1000. Cash with order or satisfactory reference.
Henry Baer, R. F. D. 3, Peoria, Ill.

Well rooted carnation cuttings, entirely free from all disease. Winsor, Enchantress, White Enchantress, White Perfection, Beacon, $3.00 per 100; $25.00 per 1000. Boston Market, $2.00 per 100; $17.50 per 1000.
Edw. Reid, 1526 Ranstead St., Philadelphia, Pa.

Rooted carnation cuttings from cool-grown stock. White Enchantress and Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Winsor, Lady Bountiful and White Perfection, $2.50 per 100, $20.00 per 1000.
Warrendale Floral Co., St. Paul, Minn.

Wanted unrooted or rooted White Enchantress and White Perfection for President Taft, new red, and Improved Queen, white, very prolific and long stemmed; or will buy if cheap.
Brant & Noe Floral Co.,
W. Peterson and N. 48th Aves., Chicago, Ill.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

50,000 rooted carnation cuttings. Victory, Beacon, $1.75 100; $15.00 1000. Enchantress, R. P. Enchantress, W. Perfection, L. Bountiful, Winsor, $1.50 100; $12.50 1000. Winona, $1.25 100; $10.00 1000. Lampert Floral Co., Xenia, O.

Carnations for immediate delivery. May Day, $6.00 100, $50.00 1000; Lawson and Victory, $2.00 100, $15.00 1000; Enchantress, W. Enchantress and W. Perfection, $2.50 100, $20.00 1000.
W. Frank & Sons, Portland, Ind.

Carnation rooted cuttings. Victory, White Enchantress, Enchantress, White Perfection, $2.00 per 100; Pink Lawson, $1.25 per 100.
Ernsberger Bros., Celina, Ohio.

Carnations. Next delivery about March 15, at special prices. Send me a list of what you want. Albert M. Herr, Lancaster, Pa.

Carnation rooted cuttings. Beacon, Enchantress, Victory and Bountiful, $20.00 per 1000.
Wm. Murphy, 311 Main St., Cincinnati, O.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, immediate delivery.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations. Queen and Boston Market, rooted cuttings, $1.50 per 100; $10.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

Carnation rooted cutting, standard varieties, $1.75 per 100; $15.00 per 1000.
Northwestern Floral Co., Wilmette, Ill.

Carnations. Fair Maid rooted cuttings, $1.10 100; Mrs. Lawson, $1.30 100.
Otto H. Bourdy, R. F. D. 3, Lowell, Mass.

500 Boston Market carnation cuttings, from flats, $1.00 per 100.
Cowan's Greenhouses, Oxford, Pa.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

Chrysanthemum rooted cuttings, $1.00 per 100; $10.00 per 1000. Monrovia, Oct. Frost, Dr. Enguehard, Wm. Duckham, Cremo, Opah, Shaw, Jones, Minnie Bailey, Robinson, Maud Dean, G. Pacific, Estelle, Bonnaffon, White Bonnaffon, Black Hawk, Touset, Alice Byron and Nonin. Healthy stock, guaranteed.
D. R. Herron, Olean, N. Y.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

CHRYSANTHEMUM STOCK PLANTS. LAST CALL. Golden Glow, Pacific Supreme, White Cloud, Oct. Frost, Early Snow, White Ivory, White Bonnaffon, 3c. Merry Xmas, Dr. Enguehard, Yellow Bonnaffon, 4c. Gloria, 10c. Others all sold.
Stafford Floral Co., Stafford Springs, Conn.

Chrysanthemum Pres. Taft, well rooted cuttings, 75c per doz., by mail, postpaid.
A. B. Campbell, Cochranville, Pa.

CHRYSANTHEMUMS—Continued.

CHRYSANTHEMUM STOCK PLANTS.
Jeanne Nonin — Helen Frick
Golden Chadwick — White Jones
Y. Bonnaffon — Yellow Jones
60c per doz.; $4.50 per 100.
Woodland Park Floral Co.,
Lock Box 62, Sumner, Wash.

Rooted mum cuttings from strong plants, bench grown. Jeanne Nonin, Yanoma, John Burton, Honesty, Golden Wedding, White and Yellow Bonnaffon, Wm. Duckham, Helen Frick, Dr. Enguehard, $1.00 per 100. February 1 delivery.
The Newburys, Mitchell, S. D.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Strong rooted cuttings of mum stock plants, $1.00 per 100. Cash. V. Poehlmann, Eaton, Appleton, Touset, Monrovia, Yellow and White Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready after Feb. 1. U. S. Express. W. C. Scovell, Malta, Ohio.

Chrysanthemum rooted cuttings. Lynnwood Hall, Mrs. Weeks and Jeanne Nonin, $20.00 per 1000. Delivery any time after Feb. 1.
Cleveland Nursery, Waco, Tex.

Chrysanthemums, strong rooted cuttings. 300 W. R. Smith, 200 Enguehard, 300 Polly Rose, 100 Halliday, $1.00 per 100. Cash.
C. A. Musser, Doylestown, O.

Chrysanthemums. 2000 very heavy, well rooted White Bonnaffon cuttings, from soil, $2.00 per 100; $18.00 per 1000.
Wilfrid Wheeler, Concord, Mass.

Pompons, field clumps, 4c; the lot of 1000, $30.00. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, large flowering Columbian mixture, 2¼-in., extra strong fine plants, ready for 4-in., $2.00 per 100, if taken at once. Cash.
N. P. Colberg, Princeton, Ill.

Cinerarias, large flowering dwarf, extra fine, 3-in., $3.50 per 100; 3½-in., $5.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, $2.00 per 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100. Large flowering, purple, red, white and blue, $2.00 per 10.
F. A. Baller, Bloomington, Ill.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100, by mail. 50,000, good, strong, clean, well rooted cuttings, now in sand; 300,000 more coming on. Verschaffeltii, Golden Bedder, Queen Victoria and all other leading varieties. Come and see them. Cash with order.
C. Schulze & Son,
261-275 Lawrence St., Flushing, L. I., N. Y.

Coleus rooted cuttings. New trailer, fine for window boxes, vases, etc., 25c per 10; $1.50 per 100. Also 20 varieties, assorted, including a few of the above, 70c per 100.
The Kaber Co., La Porte, Ind.

Coleus rooted cuttings. Golden Bedder, Verschaffeltii and 10 other fine varieties, 60c per 100, $5.00 per 1000; 2½-in. pots, $2.50 per 100. D. H. Ruthrauff, Seneca Falls, N. Y.

Coleus, Verschaffeltii, Golden Bedder, and ten other varieties, 60c per 100; $5.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Coleus, nice vars., order now. Samples. 2½-in., $1.75 100, $16.00 1000; R. C., 45c 100, $4.00 1000. Wm. Eschrich & Co., No. Milwaukee, Wis.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Wm. Schwan & Son, Fredonia, N. Y.

Coleus, 15 kinds, extra fine stock. Rooted cuttings, 75c; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Coleus, best varieties, strong, rooted, for 3-in. pots, 50c 100; $4.50 1000.
Thompson & Sons, Station D, Milwaukee, Wis.

Coleus rooted cuttings, 15 kinds, $5.00 per 1000. U. G Harglerode, Shippensburg, Pa.

Coleus Golden Bedder, 2¼-inch, $17.50 per 1000. Baur Floral Co., Erie, Pa

CUPHEAS.

Cuphea rooted cuttings, 75c; 2-in., $1.75 per 100. W. R. Johnston, Calla, Ohio.

CYCLAMEN.

CYCLAMEN SPLENDENS GIGANTEUM HYBRIDS, well budded and grown plants, 4-in. pots, $15.00; from 5-in. pots, $20.00 per 100; August seedlings, twice transplanted from flats, fine stock, $3.00 per 100, $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen for Easter. Giganteum superbum, new English strain, 10 varieties Rococo, in all colors, new fringed and frilled, the new salmon shades, all that is best; 4-in., $12.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, 3-in., $4.75; 4-in., $12.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen, in bud, 4-in., $8.00 per 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Cyclamen giganteum, mixed, 3-in., 5c.
U. G. Harglerode, Shippensburg, Pa.

Cyclamen, fine stock, 15c to 20c each.
Mosbæk Greenhouse Co., Onarga, Ill.

CYPERUS.

Cyperus alternifolius, fine 2-in., $2.00; 3-in., $3.00 per 100. W. R. Johnston, Calla, Ohio.

DAHLIAS.

Dahlias. Frank L. Bassett, Fire Rain, Jumbo, Mrs. Winters, Gen. Buller, Souv. de Mme. Moreau, Gettysburg, Brunhilde, John Elitch, Queen Victoria, White Swan, Raphael, $2.00 per 100. Snow, Gracie, Catherine Duer, Mrs. H. J. Jones, Wm. Agnew, A. D. Livoni, Camelliaflora, Silver Wings, Volker, H. Lyndhurst, Mrs. Edw. Mawley, Maid of Kent, Mrs. F. Grinstead, Blanche Keith, Eureka, $3.00 per 100. Cuban Giant, Mrs. Roosevelt, Mrs. Hartung, Henry Patrick, Eloise, Yellow Gem, Jeanne Charmet, Countess of Lonsdale, Indian Chief, White Swan, Princess Victoria Louise, Hero, Dainty, Souv. de Gustave Doazon, Kriemhilde, $4.00 per 100. Per 100 in ten kinds, ten of each, my selection, $2.50; per 100, in twenty kinds, five of each, my selection, $3.50; in thousand lots, 20% off. Above stock is strong divisions of field roots, sound and true to name. Cash or reference. W. A. Finger, Hicksville, L. I., N. Y.

Dahlias. Novelties and standard varieties, true to name, a choice list of the best introductions. Send for catalogue of dahlias, hollyhocks, hardy plants, etc.
W. W. Wilmore, Box 382, Denver, Colo.

Dahlias, 100 varieties. Will cut nearly 2,500 first-class bulbs. A bargain.
F. A. TREADUP, JR.,
28 Lindsey St., New Bedford, Mass.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Dahlias, big stock, big clumps, best sorts. Send list. C. Betscher, Canal Dover, Ohio.

Dahlias, good, strong divisions, all named varieties, $1.75 per 100.
C. W. Hoffman, Route 13, Dayton, O.

Get my special offer of dahlias before buying. Large field clumps, surplus stock.
Barnes Gardens, Spencer, Ind.

DAISIES.

Daisies. California, white and yellow, from seed, 75c per 100; Paris, 2½-in., strong plants, $1.75 per 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

Paris daisies, white, yellow, rooted cuttings, $1.00; pink, 2c. Cash.
Byer Bros., Chambersburg, Pa.

New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

Paris daisies, white; rooted cuttings, 75c; 2-in., $1.75 per 100.
W. R. Johnston, Calla, Ohio.

Marguerite daisies, white, strong, 2¼-in., 2½c. Hammerschmidt & Clark, Medina, Ohio.

Marguerite daisies; white, extra strong, $1.25 100 by mail. S. W. Pike, St. Charles, Ill.

Marguerite daisies, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

DRACÆNAS

Dracaena indivisa. 1000 very fine plants, from 3½-in. pots, ready for a shift, will make fine vase plants by May, $8.00 per 100, or will sell lot for $50.00.
Wilfrid Wheeler, Concord, Mass.

Dracaena fragrans, 3-in., $2.00 per doz., $15.00 per 100; 4-in., $3.00 per doz., $20.00 per 100 50 at 100 rate.
Wittbold Co., 737 Buckingham Pl., Chicago.

Dracaena indivisa, 3-in., 5c; 4-in., 12c; fine field-grown stock, ready for 5 and 6-in. pots Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 3-in., 5c; 4-in., 12c; 5-in. 20c each. Mosbæk Greenhouse Co., Onarga, Ill.

500 Dracaena indivisa, strong 3-in., 4½c Cash. Paris Greenhouses, Paris, Ky.

FERNS.

FERNS FOR FERN DISHES, best stock largest assortment; 2¼-in., $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.

ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.

Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!
Boston.

4-in.	$12.00	100	7-in.	$60.00	100
5-in.	30.00	100	8-in.	80.00	100
6-in.	40.00	100	9-in.	1.25	ea.

Whitmani.

5-in.	$30.00	100	7-in.	$60.00	100
6-in.	45.00	100	8-in.	80.00	100

R. R. DAVIS & Co., MORRISON, ILL.

Three large houses full of fine ferns. Boston, Whitmani and Scottii, 2½-in., $3.50 per 100. $35.00 per 1000; 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $115.00 per 1000. All of these ferns are ready for a shift and are exceptional values. Cash, please. Also see advs. under asparagus and vincas.
Reeser & Youngstrand, Springfield, Ohio.

Ferns. 2½-in. Boston, 3c; 3-in., 8c; 4-in., 15c; 5-in., 30c. 2½-in. Piersoni and Whitmani, 4c. 2½-in. Scottii, 5c; 3-in., 10c. 2½-in. Amerpohlii, 6c; 3-in., 12c. 3-in. Elegantissima, 10c; 4-in., 15c. Truitt's Greenhouses, Chanute, Kan.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St. N. S., Pittsburg, Pa.

Ferns. Scottii, Whitmani and Elegantissima, 3-in., 10c; Boston and Piersoni, 3-in., 8c; Piersoni, Elegantissima and Whitmani, 5-in., 30c.
Mosbæk Greenhouse Co., Onarga, Ill.

Ferns. Boston, 2-in., 50c per doz., $3.00 per 100, $25.00 per 1000; 3-in., 75c per doz., $6.00 per 100, $50.00 per 1000; 500 at 1000 rate.
Wittbold Co., 737 Buckingham Pl., Chicago.

Ferns. Scottii, 3-in., $4.00 per 100. Piersoni, 3-in., $6.00; 4-in., $10.00; 5-in., $15.00 per 100. Extra good. Cash with order.
W. R. Johnston, Calla, Ohio.

Fine assorted ferns, out of 3-in. pots, well grown, $5.00 per 100. Cash with order.
CHAS. A. KNAPP,
7634 Corson St., Chestnut Hill, Phila., Pa.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in. pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz Extra good value. J. B. Knapp, Sayre, Pa.

Boston ferns, 2½, 3, 4 and 5-in.; also Amerpohlii, 3, 4 and 5-in. Fine stock; prices right.
Murray The Florist, Peoria, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Boston and Whitmani ferns, from bench, strong plants, full of runners, 50c each.
De Kalb Greenhouses, De Kalb, Ill.

20,000 ferns for dishes, six leading varieties 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

20,000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Boston and Whitmani ferns, extra fine, strong 2-in., $3.50 100. Cash.
F. C. Greene, Oil City, Pa.

Boston and Piersoni ferns, 2-in., $2.50 per 100 Cash. Chillicothe Floral Co., Chillicothe, O

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 100. John A. Doyle, Springfield, Ohio.

Whitmani fern runners, from bench, 2c each
The Anderson Floral Co., Anderson, S. C.

Well established Boston ferns, $3.00 per 100
Stuart & Haugh, Anderson, Ind.

FEVERFEW.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Feverfew, double, rooted cuttings, 1c; 2½-in., 2½c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Feverfew Little Gem, 30c per 100 by mail.
S. W. Pike, St. Charles, Ill.

FUCHSIAS.

Fuchsias, assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000; Little Beauty, $4.00 per 100, $35.00 per 1000.
The Storrs & Harrison Co., Painesville, Ohio.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, rooted cuttings, $1.00 per 100; nice, bushy stock plants, 4-in., $8.00 per 100.
W. Eschrich & Co., North Milwaukee, Wis.

GENISTAS.

Genista racemosa, 5-in. pot plants, bushy, $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Genistas, rooted cuttings, 2c; 5-in., 25c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

GERANIUMS.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted, $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, strong 2-in. stock. S. A. Nutt, Heteranthe, Jean Viaud, La Favorite, L'Aube and Mrs. E. G. Hill, $2.00 per 100, $18.00 per 1000; our selection, $17.00 per 1000. Pamela, $4.00 per 100. Mlle. Anastasie Lecadre, $3.00 per 100. Novelty, Red Wing, 25c each, $2.50 per doz. Write for geranium catalogue.
F. H. DeWitt & Co., Wooster, Ohio.

Geraniums. S. A. Nutt, 2¼-in., very strongly rooted, every plant a good one; cuttings taken from selected stock; $2.00 per 100; $18.50 per 1000. Cash with order. About 12,000 to sell now. If you want good 4-inch plants, in bloom for Memorial day, buy now.
H. M. Totman, Randolph, Vt.

Geranium rooted cuttings. All cuttings sold for January; orders booked for later delivery. Nutt and Buchner, $10.00 per 1000. Ricard, Poitevine, Jaulin, Montmort, $12.50 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Geraniums, strong healthy plants from 2½-in. ready for a shift, all from August cuttings. A. Ricard, Beaute Poitevine, Hill, J. Viaud, $2.50 per 100; $24.00 per 1000. Nutt and Grant, $2.00 per 100; $18.00 per 1000.
J. Ambacher, West End, N. J.

Geraniums, good, strong stock, ready to shift. 2000 each of S. A. Nutt and J. Viaud, 1500 La Favorite, 225 Jacquerie, 475 L'Aube, 200 B. Poitevine, $2.00 per 100; $17.50 per 1000. Cash.
F. C. Greene, 610 Innis St., Oil City, Pa.

Rose geraniums, 2-in. pots, $2.50 per 100. Pelargoniums, 2-in. pots, in 20 of the best varieties, $4.00 per 100. Geranium Mme. Salleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

Geraniums. Ricard, Nutt and Buchner, strong, cool grown plants, from 2-in. pots, $2.00 per 100; $20.00 per 1000. Ricard, 2½-in., $2.50 per 100; mixed, $18.00 per 1000.
J. R. Brooks, Oxford Depot, N. Y.

Geraniums. 700 Nutt, 100 Buchner, 100 Poitevine, 100 Jean Viaud, from 2-in., ready for shift, $2.00 per 100; $18.50 for the lot. Cash, please. S. Knudsen, Boulder, Colo.

Geraniums, 2¼-in., $3.00 per 100, $25.00 per 600; 3-in. La Favorite, $5.00; 2¼-in. Rose geraniums, 2c. Special prices on larger sizes.
Mosbæk Greenhouse Co., Onarga, Ill.

Geraniums, strong 2¼-in. 500 E. G. Hill, 500 La Favorite, 1500 S. A. Nutt, 500 Ricard, 400 De Castellane and 600 mixed, $2.00 per 100.
Arthur Harbison, Harrodsburg, Ky.

Geraniums. If you want good and true to name stock of all standard and new varieties, write now and don't delay until spring.
R. F. Gloede, Evanston, Ill.

Geraniums, 2¼ and 2½-in. Varieties: Nutt, Ricard, Poitevine, La Favorite, Jean Viaud. Good, well rooted stuff, $20.00 per 1000.
Crown Point Floral Co., Crown Point, Ind.

Good 2¼-in. Nutt and John Doyle geraniums, $2.50 per 100; $20.00 per 1000. Cash. 500 at 1000 rate. Rutledge Nurseries, Rutledge, Pa.

Well rooted cuttings of Buchner, $10.00 per 1000. Can deliver at once. Other varieties Feb. 15. C. F. Treichler, Sanborn, N. Y.

Geraniums all sold to March 1. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000; Mme. Salleroi, 2½-in. pots, $2.00 per 100.
G. E. Fink, Roselle, N. J.

Geraniums. Good, strong top cuttings, 2¼-in., of Heteranthe and La Favorite, $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Geraniums. S. A. Nutt, well rooted cuttings, $10.00 per 1000; 2½-in., $2.00 per 100, or will exchange for vincas.
Zorn & Gaertner, Saginaw, Mich.

Geraniums. Ricard, Poitevine, Bruant, De Castellane, La Favorite, Nutt, 2¼-in., $20.00 per 1000. S. M. Harbison, Danville, Ky.

Geraniums. Next delivery about March 7. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000. Albert M. Herr, Lancaster, Pa.

Geraniums. S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geraniums. Nutt, Trego (scarlet), Viaud, Jaulin, La Favorite, 2-in., $2.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

Geraniums, S. A. Nutt, La Favorite, pink ivy, unrooted, extra fine stock, $7.00 per 1000.
Ross Bros., Falls Creek, Pa.

Geraniums, pink and red ivy, 2-in., $2.00. Mme. Salleroi, 2-in., $1.75 per 100.
W. R. Johnston, Calla, Ohio.

Geranium rooted cuttings, Nutt, Ricard, Poitevine, $12.50 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Mme. Salleroi geraniums, rooted cuttings, $1.00 per 100; 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Mme. Salleroi geraniums, strong, 2-in., $2.50 100. Cash. J. W. Miller, Shiremanstown, Pa.

Geraniums, apple scented, 2½-in., $3.00 per 100. Alex. Maxwell, Springfield, Ohio.

Poitevine, Nutt, Perkins, Favorite, Grant, fine 2½-in., 2c. Roney Bros., West Grove, Pa.

Rose geraniums, extra strong, $1.50 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Geraniums. Nutt, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

Geranium rooted cuttings, Nutt, $1.00 per 100.
Jacob Doerrer, R. 1, Columbia, Pa.

GLADIOLI.

Gladioli (the same as ever). Good mixture of Groff's hybrids and Childsii, all sizes, from $1.25 to $6.00 per 1000. Also good forcing and all leading named varieties. Ask for our "SILENT SALESMAN." English and German correspondence solicited.
The W. E. Kirchhoff Co., Pembroke, N. Y.

Gladioli. Independence, the best red in the market; also Mrs. Frances King, Giant Pink, Augusta and Groff's hybrids, genuine stock. Write for prices.
Geo. S. Woodruff, Independence, Iowa.

Gladioli, Groff's hybrids, mixed, 1½ to 2¼-in., $5.00 per 1000; 1 to 1½-in., $4.00 per 1000; ½ to 1-in., $3.00 per 1000; bulblets, $1.00 per peck. Ira H. Landis, Lancaster, Pa.

Gladioli, new forcing Pink Beauty, great bloomer, May character, only Pink throws several flowering spikes, $2.50 100; $20.00 1000. Cash.
F. H. Stevens, Grower, Saginaw W. S., Mich.

Buy Independence gladiolus direct from home. We grew the stock that was introduced in 1908. Planting sizes cheap for cash.
G. D. Black & Co., Independence, Iowa.

Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli, Augusta and May, No. 1 bulbs, $10.00 per 1000; Groff's hybrids and fine mixture, $5.00 per 1000.
C. W. Hoffman, Route 13, Dayton, O.

Gladioli. Planting stock of Mrs. Francis King and other choice sorts. Cheap for cash.
P. O. Coblentz, New Madison, Ohio.

Augusta, ⅛ to ⅝-in., $2.00 1000; ⅛-in., $1.00 1000. C. H. Ketcham, N. S. D., So. Haven, Mich.

Get my special surplus offer of gladioli before buying. Barnes Gardens, Spencer, Ind.

Gladioli, best sorts, extra mixtures, all sizes.
C. Betscher, Canal Dover, Ohio.

HELIOTROPES.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark, 2-in., 1½c; R. C., ¾c. Cash. 10% disc. for Jan. orders. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotrope rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

Heliotropes, dark, well rooted cuttings, 60c per 100; 2½-in., 2c; 3½-in., 5c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Heliotropes, nice stock, 2½-in., $2.00 100; $18.00 1000. Samples free.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotropes, all sold to March 1, 75c per 100, prepaid; light or dark.
G. E. Fink, Roselle, N. J.

Dark heliotrope rooted cuttings, 75c per 100.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, the true large flowering forcing variety, warranted true. 2¼-in. pots, $3.00 per 100; one year field-grown, strong, 12 to 18 in., $6.00 per 100; $55.00 per 1000. New trade list ready. Write for it today.
Good & Reese Co., Springfield, O.
The Largest Rose Growers in the World.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering. 1-crown plants, 6c; 2-crown, 8c.
Baur Floral Co., Erie, Pa.

IRISES.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

Iris, all types. Very select list.
C. Betscher, Canal Dover, O.

IVIES.

Ivy, English, rooted cuttings, 1c, $8.00 per 1000; 2½-in., 6c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ivy R. C. English, $1.00; German, 50c 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

German ivy, rooted cutting, 50c; 2-in., $1.50 per 100. W. R. Johnston, Calla, Ohio.

English ivy rooted cuttings, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Parlor ivy rooted cuttings, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

LILY OF THE VALLEY.

Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or reference, please.
W. A. Finger, Hicksville, N. Y.

Lily of the valley, Bruns' celebrated Chicago Market brand, $15.00 1000; $1.75 100.
H. N. Bruns, 3040 Madison St., Chicago.

LOBELIAS.

Lobelia, blue, rooted cuttings, 90c per 100; $7.00 per 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Lobelia, new double, 75c per 100 by mail.
S. W. Pike, St. Charles, Ill.

MOONVINES.

Moonvines, 2-in. pots, strong plants, $2.50 per 100. C. L. Brunson & Co., Paducah, Ky.

Moonvine rooted cuttings, $1.50 per 100.
Stuart & Haugh, Anderson, Ind.

NURSERY STOCK.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ORCHIDS.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

We have an extra good stock of Forsteriana, made up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values. 7-in. pots, 3 plants in a pot, 40 to 44 in. high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each. Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each. Full line of sizes of both Forsteriana and Belmoreana in price list No. 5, just out. Send for it if you did not receive it.
Storrs & Harrison Co., Painesville, Ohio.

Palms, especially strong plants, ready for shifting. Kentia Belmoreana, 2½-in. pots, $9.00 per 100; $85.00 per 1000. Areca lutescens, 2½-in. pots, $7.00 per 100; $65.00 per 1000.
Jackson & Perkins Co., Newark, New York.

PALMS—Continued.

Kentia Belmoreana and Forsteriana, 2¼-in., $1.00 per doz., $8.00 per 100, $75.00 per 1000; 3-in., $1.50 per doz., $12.00 per 100, $110.00 per 1000; 3½-in., $2.00 per doz., $15.00 per 100, $125.00 per 1000; 500 at 1000 rate.

Latania borbonica, 2-in., 50c per doz., $4.00 per 100, $35.00 per 1000; 3-in., $1.00 per doz., $8.00 per 100, $75.00 per 1000; 5-in., $4.00 per doz., $35.00 per 100, $300.00 per 1000; 6-in., $6.00 per doz., $40.00 per 100, $350.00 per 1000; 500 at 1000 rate.

Phoenix reclinata, 3-in., $1.50 per doz., $12.00 per 100, $110.00 per 1000; 3½-in., $2.00 per doz., $15.00 per 100, $125.00 per 1000; 50 at 100 rate.

GEO. WITTBOLD CO.,
737 Buckingham Place, Chicago.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

Palms. Phoenix reclinata, 18 to 20 in. high, 5 to 7 leaves, 12½c each; $12.50 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

700 Latania borbonica, 4-in. pots, $20.00 per 100. Need the room and cash.
Chillicothe Floral Co., Chillicothe, O.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

PANSIES.

Pansies, fine fall transplanted stock, $1.25 per 100, $10.00 per 1000; extra fine, one grower says "the largest in the world," $2.00 per 100; strong, outdoor from fall, $3.00 per 1000, 5000 for $12.50. F. A. Baller, Bloomington, Ill.

25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
S. J. McMichael, 142 Larkins St., Findlay, O.

Field-grown pansy plants, $3.00 per 1000; 2000 for $5.00.
J. H. Krone, Jr., Fort Smith, Ark.

Pansies, fine, strong, transplanted stock, $5.00 per 1000. Mosbæk Greenhouse Co., Onarga, Ill.

Snow Queen, Psyche, L. Beaconsfield, budding, $1.50 100. Ada J. Brooks, Sorrento, Fla.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Loyal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. F. H. De Witt & Co., Wooster, O.

Pelargoniums, 2 varieties, 3-in., fine, 6c.
Hammerschmidt & Clark, Medina, Ohio.

PEONIES.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies, 1200 sorts, big stock. Send for list. Largest collection anywhere.
C. Betscher, Canal Dover, O.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies, fine assortment. Write for prices.
F. A. Baller, Bloomington, Ill.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Petunias, double fringed, from 2-in. pots, 2½c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Single petunias, fine 2-in. plants, $1.50 per 100. Howard's Star, Rosy Morn, Snowball.
Brehmer's Nursery, Chillicothe, Ohio.

Dreer's double petunias, mixed, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

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HARDY PHLOX.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100, $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

PRIMULAS.

Chinese primroses, 1400 4-in., large plants, full of bud and bloom; mixed colors, double and single, $7.50 per 100. Primula obconica, 3000 4-in., large plants, mixed colors, full of bloom, fine for Easter, $5.00 per 100. Try them.
Alonzo J. Bryan, Washington, New Jersey.

2500 Primula obconica grandiflora, 3-in., strong plants, full of bud and bloom, fine stock for Easter, $5.00 per 100. Liberal count for cash. Schaefer's Inc., Newburgh, N. Y.

Primula obconica grandiflora, Kermesina, rosea and alba, fine stock, in bud and bloom, 3½-in., $5.00 per 100; 4½-in., $8.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Primula obconica, 2½-in., $2.00 100. Chinensis, 3-in., $4.00; 4-in., $8.00; 5-in., $15.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Primula obconica, mixed, 2-in., 2c; 4-in., in bud and bloom, also 4-in. Chinese, in bloom, 8c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, all colors, 3-in., $3.00 per 100, 200 for $5.00; 4-in., $5.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primulas. Chinese mixed, obconica, gigantea, rosea and alba, 4-in., 9c.
Hammerschmidt & Clark, Medina, O.

While they last, obconica and Forbesi primulas, 2-in., 1½c; 3-in., 4c.
U. G. Hargierode, Shippensburg, Pa.

Primula obconica, in bud and bloom, out of 4-in., $6.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, O.

Primula obconica, mixed colors, 2-in., 2c; will make nice stock for Easter.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

Chinese primulas, in bud and bloom, 4-in., 8c; 3-in., 5c. H. B. Snow, Camden, New York.

Primula obconica, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Primula obconica, 10c each.
Mosbæk Greenhouse Co., Onarga, Ill.

PRIVET.

CALIFORNIA PRIVET.

500,000 3-yr. plants, with 12 to 20 branches; have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rates. Cash with order.
JOHN BENNETT, Atlantic Highlands, N. J.

CALIFORNIA PRIVET.

Strong, selected, 3 to 4 ft., $4.00 per 100, $35.00 per 1000; 2½ to 3½ ft., 6 or more branches, strong, $3.00 per 100, $25.00 per 1000; fine 1-yr., 18 to 24 inches, branched, $1.50 per 100, $10.00 per 1000; 12 to 18 inches, good, $1.25 per 100, $8.00 per 1000; 8 to 15 inches, light, $5.00 per 1000. AMOOR RIVER, 2 to 5 ft., well branched, $3.00 per 100. All packed free of charge.
CHAS. BLACK, HIGHTSTOWN, N. J.

California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.50 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000; 30 to 36 in., 6 to 10 bran., $22.50 1000. Amoor River, 12 to 18 in., well bran., $12.50 1000; 18 to 24 in., well bran., $15.00 1000; 24 to 30 in., heavy, $20.00 1000; 30 to 36 in., heavy, $25.00 1000. Packed. Cash with order.
Valdesian Nurseries, Bostic, N. C.

California privet, 1-yr., 12 to 18 in., branched, $10.00 per 1000; 2-yr., 2½ to 3 ft., 10 to 15 branches, extra heavy, $25.00 per 1000, packed.
Furrow & Co., Guthrie, Okla.

RESURRECTION PLANTS.

Resurrection plants and cacti. Cheap. Ask for prices. William Tell, Austin, Tex.

RHODODENDRONS.

Rhododendrons, 18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Storrs & Harrison Co., Painesville, Ohio.

ROOTED CUTTINGS.

Rooted cuttings. Carnation Boston Market; Chrysanthemums Golden Glow, Estelle, Pacific Supreme, Enguehard, Desjouis; Geraniums Nutt, Ricard, Perkins, Buchner; hardy pinks; all $1.00 per 100, $10.00 per 1000. List.
Edward Wallis, Atco, N. J.

Rooted cuttings. Fuchsia, $1.00; Salvia Bonfire, 80c; heliotrope, dark, 75c; coleus, 60c; vinca, 85c; ageratum, 50c; alternantheras, red, yellow, 50c. All per 100. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Rooted cuttings, per 100: Cupheas, 75c; ageratums, 3 kinds, 60c; heliotropes, Feverfew Gem, $1.00. Cash. Byer Bros., Chambersburg Pa.

List of 1c, 2c and 3c rooted cuttings of roses, verbenas, etc. Gem Nursery, Los Gatos, Cal.

ROSES.

500,000 ready. See display adv.
Leedle Co., Expert Rose Growers, Springfield, O.

ROSES, EXTRA FINE
TWO YEARS FIELD-GROWN

Strictly A1, well rooted, thoroughly ripened by nature, cold, fresh dug for each order as received; prompt shipment, packed light and right. Climbers, Testout, Gainsboro, Kaiserin, Henriette, W. A. Richardson, 2 to 4 branches, 4 to 6 ft. Bush roses, Paul Neyron, Brunner, Prince Camille de Rohan, Margaret Dickson, Magna Charta, Her Majesty, B. Rothschild, Car. Testout, La Detroit, Triomphe de Pierre, Killarney, White La France, Adm. Dewey, Vis. Folkestone, Prince of Naples, Mme. Chatenay, Bessie Brown, Pres. Carnot, Gruss an Teplitz, 10c. 300 Mme. Plantier, 3-yr., 10 to 15 branches, very fine, 6c; 5000 2-yr., 4 to 6 branches, 3 ft., 3c. Amoor privet, 2 to 3 ft., 2c.
James T. Ellis, 604 S. Hill, Griffin, Ga.

Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100; $25.00 1000.
W. Frank & Sons, Portland, Ind.

ROSE PLANTS, 2¼-IN.

Bride	$2.25 100; $20.00 1000
Maid	2.25 100; 20.00 1000
Golden Gate	2.00 100; 20.00 1000

Andrew Peterson, Hoopeston, Ill.

2-year, hardy, field-grown roses, best sorts for spring blooming. Magna Charta, Crimson and Baby Rambler, Jacq., etc., 8c. List free.
W. H. Salter, Rochester, N. Y.

ROOTED ROSE CUTTINGS.

Selected, well rooted cuttings of Bride, Maid and Golden Gate, $1.50 per 100.
Gullett & Sons, Lincoln, Ill.

Roses, surplus stock, good and strong. Bride and Maid, 2-in., $2.00; 3-in., $3.00 per 100.
Dana R. Herron, Olean, N. Y.

Roses. Bride and Maid rooted cuttings, $1.25 per 100; $10.00 per 1000.
Baur Floral Co., Erie, Pa.

RUBBERS.

Rubbers, fine plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

SALVIAS.

Salvia Bonfire, rooted cuttings, 80c; 2-in., $2.00 per 100. Cash with order.
W. R. Johnston, Calla, Ohio.

Salvias, good strong stock, 2¼-in., $2.50 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Salvia Bonfire R. C., 80c 100; $7.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Salvia Zurich rooted cuttings, $1.00 per 100.
Stuart & Haugh, Anderson, Ind.

SEEDS.

FLORISTS' FLOWER SEEDS.

	Pkt., ab't 1000 seeds.	Oz.
ASTER—		
Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1.00
American Beauty	.25	2.00
Snowdrift	.25	1.50
PANSY—		
Currie's International Mixture, ⅛ oz., $1.25	.50	8.00
Giant Florists' Mixture, ⅛ oz., 60c.	.35	4.00
VERBENA—		
Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
STOCKS—		
Largest flowering dwarf double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
Cut and Come Again, white, mixed.	.25	2.50

Send for 1910 catalogue and trade price list.
CURRIE BROS. CO., MILWAUKEE, WIS.

ASTER SEED.

Our Wisconsin grown aster seed is excelled by none; it is grown far north and produces very double flowers.

JUNG'S INNOCENCE. The earliest white aster in cultivation; flowers equal the late varieties in size and beauty. See cut in Review of Dec. 2. ⅛ oz., 25c; ½ oz., $1.25; oz., $2.00.

AMERICAN BEAUTY. The very best late branching rose-pink. ⅛ oz., 20c; ½ oz., 60c; oz., $1.00.

VICK'S MIKADO SHELL PINK. The very best shell pink aster in cultivation. Our stock is extra selected. ⅛ oz., 25c; ½ oz., $1.00; oz $1.75.

Our supply of aster seed is limited, so will recommend early orders.
J. W. Jung Seed Co., Aster Growers,
Randolph, Wisconsin.

ONION SEED, of my own growing; sample free. Strawberry plants, leading varieties. Prices right. Edwin L. Carle, Geneva, Ohio.

Phoenix canariensis seed, $1.50 per 1000; Phoenix reclinata, $2.25 per 1000; Washingtonia robusta, 75c per 1000; Washingtonia filifera, $1.00 per 1000; Chamaerops excelsa, 75c per 1000. Smilax, 35c per oz., ½ lb., $2.00. Sterculia diversifolia, Australian bottle tree, 35c per oz.; ½ lb. $2.00. Schinus Molle, pepper tree, 50c lb. F. M. Warner, 1100 So. Flower St., Los Angeles, Cal.

Aster seed. Famous aster, Lady Roosevelt, gorgeous pink, late branching, stems from 20 to 40 inches, scientifically grown and separated seed, oz., $5.00; half oz., $3.00; trial packet, 50c. Aster seed in mixture, best colors, and ¼ Roosevelt, oz., $1.00. Glen Mawr Seed Farms, Kinzers, Lancaster Co., Pa.

ASPARAGUS PLUMOSUS NANUS SEED.
$4.00 1000; $3.50 1000 in lots of 10,000.
ASPARAGUS SPRENGERI SEED.
$1.00 per 1000.
S. S. Pennock-Meehan Co.,
1008-20 Ludlow St., Philadelphia, Pa.

Seed packets and bags. Catalogue, clasps and commercial envelopes, printed or plain. "If it's a Spangler bag, it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

ASTER SEED.
Not wonderful, but fresh, reliable seed of all the finest florists' varieties. Send for list. Lady Roosevelt, $4.00 per oz.
R. E. Huntington, Painesville, Ohio.

THE NIAGARA TOMATO is the earliest, also smooth and a good cropper; it is the biggest money maker; 100 seeds, 20c; oz., 75c. Write for description. W. F. Tumber, Newfane, N. Y.

Greenhouse grown Asparagus plumosus nanus seed, ready now. 1000 seeds, $4.00; 5000 seeds, $17.50; 10,000 seeds, $32.50; 25,000 seeds, $75.00.
Ullrich's Greenhouses, Tiffin, O.

Aster seed, an extra fine mixture, $4.00 per lb. For seedsmen and retail florists to present to their customers, there is nothing better.
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Smilax, strong cut-back stock, ready for bench, 3-in., 5c, $40.00 per 1000; 2½-in., 2c, $18.00 per 1000. Cash.
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Smilax, strong 2½-in., cut back, $1.50 per 100; $13.00 per 1000. Cash.
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Smilax myrtifolia, once transplanted, extra strong, $2.00 per 100.
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Stocks, double white, for Easter blooming, from flats, $1.00 per 100.
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Strawberry plants. Brandywine, Dunlap, Bubach No. 5, Enhane and Excelsior, $1.00 per 100; $7.00 per 1000. Cash.
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Swainsona alba rooted cuttings, $1.00 per 100. Cash. Byer Bros., Chambersburg, Pa.

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Wandering Jew rooted cuttings, 60c.
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Tritoma Pfitzerii, red hot poker plant, $6.00 per 100; $50.00 per 1000.
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Vegetable plants. Asparagus roots, Conover's Colossal and Palmetto, very fine, $1.00 per 100; $4.00 per 1000. Grand Rapids lettuce, from seed bed, $1.00 per 1000; transplanted plants, $3.00 per 1000. Comet tomatoes, 2½-in. pots, $2.00 per 100. Cash.
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50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto, 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
Chas. Black, Hightstown, N. J.

Asparagus roots for winter forcing; large clumps, $1.00 per doz., $6.00 per 100, $50.00 per 1000.
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Comet tomato seed for forcing, 50c oz.
H. M. Sanderson, 111 Lincoln St., Waltham, Mass.

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Lemon verbena rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

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Vinca rooted cuttings, 90c per 100, $7.50 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. The 2½-in. are divisions of field clumps, and are strong and vigorous plants. 3-in., $3.50 per 100, $30.00 per 1000; 4-in., $5.00 per 100, $45.00 per 1000. Cash, please. Also see advs. under asparagus and ferns.
Reeser & Youngstrand, Springfield, Ohio.

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Kate Cranz, Ira, Ohio.

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To Exchange—Asparagus plumosus, extra fine stock, out of 4-in. fern pots, $12.50 per 100, for unrooted cuttings of May Day or Pink Delight carnations, or S. A. Nutt geraniums. Quality is our hobby.
W. C. Hill Floral Co., Streator, Ill.

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Wanted—To contract to grow all kinds of vegetable plants, transplanted or not; also geraniums, coleus, cannas, salvias, verbenas, pansies, etc., for spring delivery. A 1 stock only. Correspondence solicited.
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CORNING, N. Y.—A. H. Woeppel has great success with the Enchantress family of carnations and believes they are destined to be the forerunners of an entirely new species. He is experimenting with some newer kinds.

STOCKBRIDGE, MASS. — Superintendent Cassell, of Eden Hill Farm, is setting out a number of grape vines, peach, apricot and nectarine trees in the greenhouse recently built. The shrubs were purchased from Thomas Smith & Son, of Scotland.

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A SIX-SECTION HOUSE.

I recently put up a greenhouse on Long Island. The owner claims that there is not enough heat. Although I did not design or estimate the radiation, but only did the work and followed plans, I am getting the experience of being the cat's paw. I would like to have you tell me what is wrong and how the trouble can be remedied.

The main greenhouse is 17x115 and runs from northeast to southwest. The north rafters are eight feet long and the south ones thirteen feet long. The north wall is eight feet high, entirely of concrete; the south wall is five feet high, and consists of three feet of concrete and two feet of glass. This house is divided into six sections.

Section No. 1, beginning at the east end of the house, is 17x24 feet, is for grapes and requires a temperature of 75 degrees. It contains fourteen runs of 2-inch pipes, twenty-two feet long, arranged in four coils, as follows: Two coils of one flow and three returns, and two coils of one flow and two returns; each is valved, as well as the two 5-inch mains. All these are placed in a grated pit, as the gardener said he could not have them above the floor, either in the center or against the walls. A heating engineer said, however, that they would not heat so efficiently as if placed in the ordinary way. This section has glass to the ground in the gable.

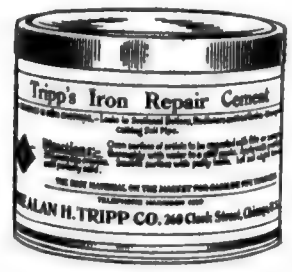
In the next four sections the coils are under the benches, and each of these four sections requires a temperature of 65 degrees. Section No. 2, fourteen feet long, for tomatoes, contains a 4½-inch main, two coils of four 2-inch pipes and two coils of two 2-inch pipes, each coil thirteen and one-half feet long. Section No. 3, twenty feet long, for cucumbers, contains a 4-inch main, two coils of four 2-inch pipes and two coils of two 2-inch pipes, all seventeen feet long. Section No. 4, twenty feet long, for asparagus and rhubarb, contains a 3½-inch main, two coils of four 2-inch pipes and two coils of two 2-inch pipes, nineteen feet long. Section No. 5, seventeen feet long, for strawberries, contains a 3-inch main, two coils of four 2-inch pipes and two coils of two 2-inch pipes, fourteen feet nine inches long.

The last section, No. 6, at the west end of the house, is twenty feet long, is for mushrooms and requires a temperature of 45 degrees. It contains a coil of three 2-inch pipes, nineteen feet long at the north wall; also three coils of two 2-inch pipes, sixteen feet eight inches long. The gable in this section is glass to three feet above the floor level, and is banked to the glass line.

There is also a violet pit in dispute, running across the gables of existing houses. It is divided into two parts by an entry, which has some heat. One section is thirty feet long, the other sixteen feet long, with a glass gable exposed.

The house is reasonably sheltered, but,

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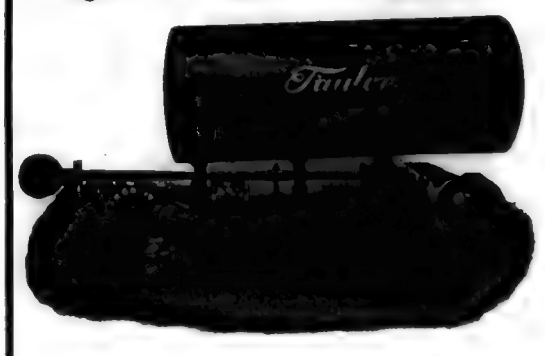
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for the sake of argument, you might consider it exposed. The heating engineer formed his estimates on what he terms a "heat unit basis," instead of the accepted standards. H. G. M.

So far as can be judged from the data given, the amount of radiation is well adjusted to the requirements of the different houses, with the possible exception of the cucumber and strawberry houses, in which a part of the coils are two to three feet shorter than the houses and the radiation is deficient to nearly that extent, although, with the radiation mentioned, there should be little difficulty in maintaining a temperature of 65 degrees in the comparatively warm climate of Long Island. The flows and returns also seem to be of ample size.

Had the nature of the difficulty been stated it would have been easier to detect the cause, but in the grapery it is evident that the trouble is largely due to placing the heating pipes in a pit. Locating the coils above the surface, four feet from either wall, would greatly increase their efficiency.

While the details of the other coils and the connections with the mains are not quite clearly shown, it is evident that in each coil there is one 2-inch flow pipe and from one to five 2-inch returns. All of the pipes appear to have the same grade; that is, the flows are parallel with the returns and hence run uphill. This is evidently one cause of the trouble, as it impedes the circulation. The proper way is to use all of the pipes in a coil as returns, connecting the higher end of the coil as short as possible with the main flow; or, if it is preferred to use one of the pipes as a flow, run it downhill. The easiest way out of the difficulty is to raise the end of each flow pipe in the different coils three or four inches, or enough so that it will have a slight fall from the boiler. Of course, the air valve should also be changed to the highest point in the flow pipe.

If the remainder of the piping is properly arranged, this change alone should be sufficient to give a good circulation.

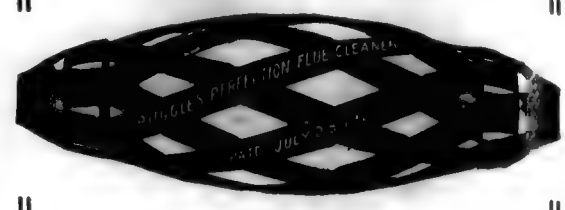
BOILER STEAMS POORLY.

We are in a dilemma with regard to our boilers. We have two boilers, each supposed to be eighty horse-power, internal fired, about thirteen feet long and similar in construction to the Scotch marine boilers. Both are installed exactly alike and have splendid draft. The newer of the two boilers has twenty tubes more than the old one, which has a water fire-box, whereas the new boiler has a brick box. The old boiler develops nearly two pounds of pressure per minute, thrown open to the whole plant of 50,000 feet, while the new boiler develops only three-quarters of a pound under similar conditions.

We should like to know how many feet an eighty horse-power boiler should heat, and also what is the proper way to test a boiler as to its capacity, under the conditions described. A. R. C.

It is customary to figure that a boiler will carry 100 square feet of radiation for each horse-power, and one foot of steam radiation will heat six square feet of glass to 60 degrees. Of course, this is altogether too high for very small boilers, but it should be safe for one of the size mentioned, and on this basis an eighty horse-power boiler should carry about 50,000 square feet of glass to 60

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degrees in the latitude of Kentucky. One of the simplest methods of testing the capacity of a boiler is to find out the amount of water it will evaporate in an hour. In the case of horizontal tubular boilers, about four gallons is required each hour per horse-power.

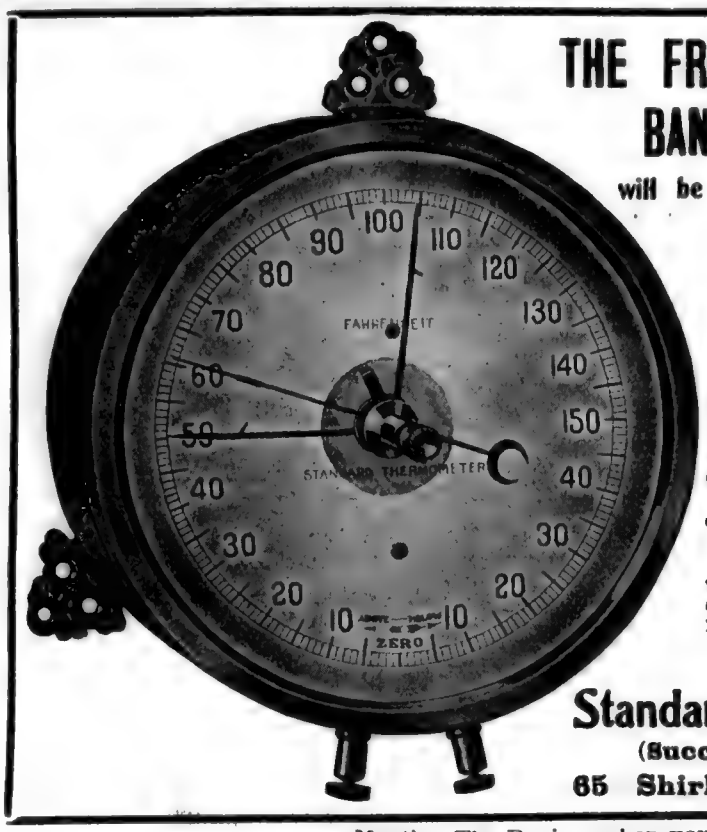
From the data given it is not possible to tell what the trouble is. Although a boiler with a water jacket around the fire-pot will make steam more quickly than other kinds, it would not count materially in its efficiency, and as the other boiler has a larger number of tubes it should be even more effective.

ATTLEBORO, MASS. — Fred C. Rounds, who is now growing a good deal of greenhouse stock on his farm, recently visited the cucumber growers in Mansfield.

LENOX, MASS.—The Lenox Horticultural Society is considering the plan of buying a piece of land and erecting thereon a building for the use of the organization.

ALTOONA, PA.—Since the death of J. H. Myers, which occurred December 8, 1909, his estate has been in charge of his brother, who was appointed administrator. Mr. Myers' store at Tyrone will be continued by Mary E. Ferral, who was Mr. Myers' clerk for a number of years.

RHINEBECK, N. Y.—The boiler house of J. C. Hamlin's establishment recently caught fire and the greenhouses narrowly escaped destruction. The end of each of the houses was burned so that blankets were needed to cover the open space and save the plants from freezing.



THE FREEZE-OUT THAT BANKRUPTS THE FLORIST

will be avoided by those who have our

STANDARD THERMOSTAT

STY. E 1

Diameter, 6 in. Price, $5.00 each

It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.

MENASHA, WIS., Jan. 9, 1909.
THE PARKER MFG. CO.,
Boston, Mass.
GENTLEMEN: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.
Yours very truly,
JOS. B. FROEHLICH.

Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.

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IMICO
Hot Water Boilers

Made by

ILLINOIS MALLEABLE IRON CO.
1801-1825 Diversey Boulevard
CHICAGO

Are noted for coal economy and good results generally

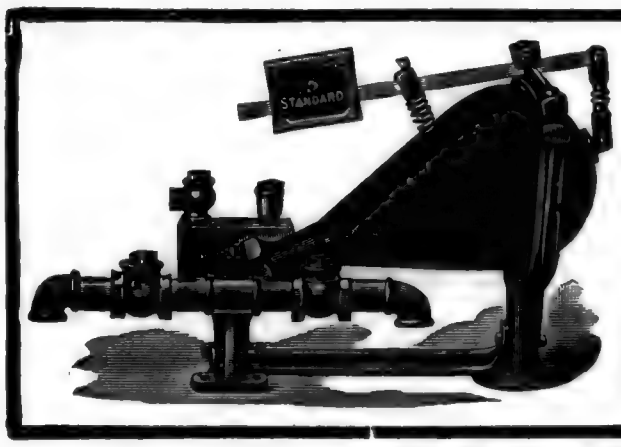
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"DETROIT" RETURN TRAPS
in the Steam-Heated Greenhouse
BETTER THAN A REBATE IN THE COAL BILL.
AMERICAN BLOWER CO. (MANUFACTURERS) DETROIT, MICH.

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The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

E. HIPPARD, Youngstown, Ohio

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SHARP, PARTRIDGE & CO.
2263-2269 Lumber Street, CHICAGO, ILL.
LONG DISTANCE PHONE, CANAL 880.

ROCHESTER, N. Y.

J. B. Keller's Sons, of Rochester, N. Y., used up more than half a ton of newspapers around the holidays, owing to the cold snap, which made lots of wrapping necessary. Plants never sold better. They disposed of 5,000 poinsettias, showing the continued popularity of this plant. Begonia incarnata sold well. It is strange that this plant is not more largely grown, as it is a free and shapely grower, a free bloomer and of a pleasing shade of pink.

Colin Ogston, gardener at the Kimball Conservatories, at Rochester, has some grand specimens of Lælia superba in bloom. Cypripediums with double flowers are abundant here. A splendid collection of varieties, many showing the parentage of Spicerianum, are in bloom, and well worthy of a study. He says he is going to have more around exhibition time next season, nothing being too good after the grand success of the last show. Carnation O. P. Bassett is showing up finely here.

THE REVIEW can supply any horticultural books at publishers' prices.

STOTT SPRAY NOZZLE



Gives a spray as fine as mist. Well diffused for insecticide purposes; it sprays under the leaves as well as over. Very economical of fluid. It cannot choke or get out of order.

Price, $1.00 each;
By mail, $1.10 each.

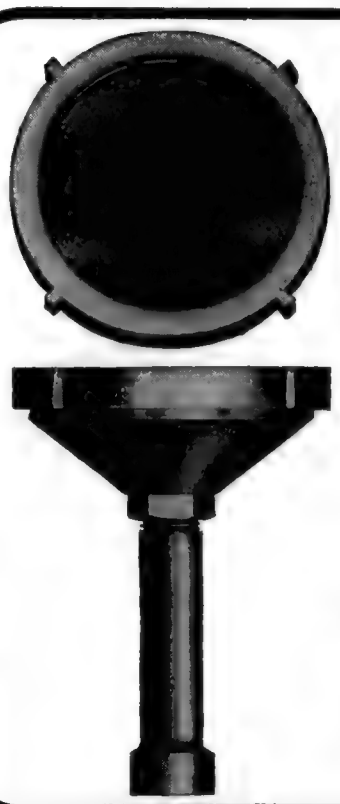
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GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, **40c** per lb.; by mail, 16c extra; 7 lbs. for **$2.50**; 15 lbs. for **$5.00** by express. For sale by the trade. **Randolph & McClements,** Successors to Chas. T. Siebert, **Baum and Beatty Sts., Pittsburg, Pa.**

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...THE NEW...

Chicago Sprayer

This Sprayer is made of aluminum and with two brass plates, one being fine and the other coarse. They can be easily removed, quickly cleaned and this sprayer will never wear out.

E. H HUNT, Chicago, Ill.
Dear Sir:—We just want to say that your new "Chicago Sprayer" is the finest thing in that line that has ever come to our notice.
BAUR & SMITH, Indianapolis, Ind.

E. H. HUNT, Chicago, Ill.
Dear Sir:—The "Chicago Sprayer" works admirably on small plants like pansies, and equally well for spraying roses. It has my approval.
W. A. HARSHBARGER.

Sprayer face 4½ inches wide, nozzle 6½ inches long, ¾-inch pipe connection, $2.50 each.

E. H. HUNT, Established 1878
76-78 Wabash Avenue, CHICAGO

Illinois Self-Watering Flower Boxes



Pat. Jan. 29, 1907; June 22, 1909.

Not an experiment, but a tried and proven success. Reservoir in bottom supplies sufficient moisture to last 10 to 20 days. This is sub-irrigation perfectly applied.

Indorsed by prominent florists everywhere. Your customers will not complain of the plants you sell them, if set in these boxes.

37 styles and sizes in stock. Specials made to order for any purpose. Write today for illustrated catalogue and price list.

ILLINOIS HEATER AND MFG. CO., 31 Dearborn Street, CHICAGO
701 Kamm Bldg., San Francisco, Cal.

THE CONARD & JONES CO., WEST GROVE, PA., Distributors for N. Y., N. J. and Pa.
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Krick's Florist Novelties



Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. **Just the thing for plant growers; will sustain a weight of 100 lbs.**

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Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.



Awarded diploma and medal 1907, for the celebrated
Shower Maker, $1.00
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopecky, South Bend, Ind.

LARGEST JOBBERS

GREENHOUSE GLASS

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Superior quality and lowest prices. Before buying, send us your inquiry.

PITTSBURGH PLATE GLASS COMPANY

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Greenhouse Glass

Imported and Domestic
Of the very Best Brands

Special prices on orders placed 60 to 90 days in advance of requirements.

It will pay you to communicate with us before buying.

SEMON BACHE & COMPANY
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JAMES H. RICE CO.

Get Our Special Prices on

GREENHOUSE GLASS

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Window Glass, Paint, White Lead, Putty, Etc.

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Office and Warehouse: Michigan, St. Clair and Illinois Sts., CHICAGO

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The Toledo Plate & Window Glass Co.

TOLEDO, OHIO

We have the largest stock in the West.

HIGH QUALITY LOW PRICES MINIMUM BREAKAGE

Mention The Review when you write.

Cane Stakes

For Your Lilies

6 to 8 ft., $7.00 per 1000

WM. ELLIOTT & SONS

42 Vesey St.,

NEW YORK, N. Y.

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Superior Quality Low Prices Quick Delivery

Greenhouse Glass

Write us for prices.

BAUR WINDOW GLASS CO., MANUFACTURERS, EATON, IND.

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HYACINTH STAKES

Just the thing for tying up Hyacinths, Tulips, Fuchsias, and all pot plants

	1000
Plain 12 in.,	$1.10
Plain 18 in.,	1.25
Green 12 in.,	1.50
Green 18 in.,	1.75

Stumpp & Walter Co.

50 Barclay Street, NEW YORK

"HOOKER QUALITY"

The mistake of your life if you don't buy

GREENHOUSE GLASS

Prices are very low and "Hooker Quality" is famous with the best greenhouse trade.

— Write Today —

H. M. HOOKER CO.

651-659 Washington Blvd., CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

GLASS FOR GREENHOUSES

16x24 double, B quality, natural gas tank hand made, in any quantity.

Write for prices.

J. MONROE PALMER, :: Kennett Square, Pa.

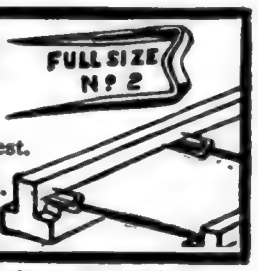
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Holds Glass Firmly

SEE THE POINTS

PEERLESS

FULL SIZE No. 2



Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cts. postpaid.

HENRY A. DREER

714 Chestnut St., Phila., Pa.

Mention The Review when you write.

BUFFALO.

Charles Sandiford, gardener to J. J. Albright, at Buffalo, has a grand display of cyclamens of Excelsior type. When H. A. Barnard, of London, saw them recently, he acknowledged that the famous Bush Hill strain was equaled. The grapery and peach house are being started up.

Charles Hewson was giving the fine lot of cattleyas at the Wm. Scott Co.'s Buffalo place their weekly dip. They are his pets and, as he says, though he cannot spend so much time as when he cared for them years ago at the magnificent place owned by the Duke of Richmond and Gordon, they pay when blooms bring $1 each, as they did this season, with not enough of them to fill the demand. The Corfu establishment will be increased ere long, as the best stock seen at Cold Springs is being shipped from Alec. Willie Scott says the American grown ramblers were never finer than this year. They have a house potted up and trimmed back, starting up quite evenly and promising well for Easter.

Chas. H. Keitsch, of Buffalo, says wedding decorations are on the increase, denoting good times.

E. J. Spiess, of Buffalo, had the improvements to the Peach street place completed before the holidays, and is well pleased with the good job done.

John B. Milley is one of the largest growers of bedding plants in the Bison City. His stock of S. A. Nutt geraniums is running up into thousands.

WAYSIDE NOTES.

Thomas Mansfield, of Lockport, N. Y., is building concrete benches in place of wood, using cement and sand. He says ashes accumulate dirt and moss. His next house will be 25x100, of King construction.

Robert Ballantyne, gardener to Mrs. J. J. Thompson, at Canandaigua, made an exhibit at the show that called forth much praise for the houses by the lake.

Bellamy Bros., of Syracuse, N. Y., are getting into shape after several drawbacks. It was a case of hustle or Jack Frost threatened to close them up for the winter. It was a close call. Harry Bellamy is sick, but hopes soon to be around again.

Gustav Bartholme reports an excellent season, and is preparing for a banner spring trade. M.

BEVERLY, MASS.—James Whittier, dealer in plants and garden furniture, has been adjudged a bankrupt, with liabilities amounting to $9,206.26, and assets, $936.20.



TIME IS MONEY Save ⅓ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 18c per lb. Write for prices on larger quantities.
Wm. Schlatter & Son, Springfield, Mass.
Mention The Review when you write.

Wired Toothpicks
Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.75; 50,000... $7.50; Sample free
For Sale by Dealers
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DO YOUR PLANTS AND FLOWERS EAT ENOUGH?
DO YOU GET A TOP PRICE MARKET?



Grain fed sheep manure is Nature's fertilizer, possessing in excess those elements necessary for hardy plant life in readily available form. The large percentage of humus also makes available dormant elements in the soil.
By special process the raw material from covered pens only is dried, ground, weed seeds destroyed and packed in 100 lb bags.
Sheep's Head brand trade-mark guarantees it to be unadulterated, reliable, safe, quick acting and a perfect plant food for plants of all kinds.
Send postal for our interesting booklet describing supply, making and applying: also prices.
WRITE TODAY.
Natural Guano Company, 300 Montgomery Ave. AURORA, ILL.

Fertilized Flower Pots



For Growing and Shipping Plants

Made of Extra Heavy Manila Waterproof Cardboard, Fertilized, Wire-stitched Seams, Perfect Drainage and Shipped Flat

If you grow Tomatoes or Pot Plants you cannot afford to pass over this.
These square pots economize space, give more room to the roots than the tapering round pots. In setting out plants the pots are not removed. Simply unlock the bottom flaps and turn them up (see cut), allowing the roots to grow down.

Size	Gross Weight per 1000	250	1000
2¼-inch	about 30 lbs	$1.00	$3.00
3 -inch	about 40 lbs	1.50	4.50
3½-inch	about 50 lbs	1.75	5.50

In setting out plants unlock the bottom, pull pot up one inch, and you have a wall to protect the roots against grubs and worms.

STUMPP & WALTER CO.
50 Barclay St., New York
Mention The Review when you write.

THE GRANITE STATE MOWING MACHINE CO.
HINSDALE, N. H., U. S. A.
Manufacturers of Granite State Lawn and Field Mowers, Capitol Trimmers and Specialties for Garden and Cemetery use.
Mention The Review when you write.

Florists' Refrigerators
Write us for catalogue and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.
McCray Refrigerator Co. 961 Mill Street, KENDALLVILLE, IND
Mention The Review when you write.

THE FLORISTS' HAIL ASSOCIATION
Has paid $116,000.00 for glass broken during the last 21 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River, N. J.

WIZARD BRAND MANURES
Dried, screened and packed in bags of 100 lbs. each.
PULVERIZED SHEEP MANURE
PURE - UNIFORM - RELIABLE
A strong and quick acting manure, highly recommended for carnations and chrysanthemums.
SHREDDED CATTLE MANURE
Easy to Handle and Apply
Stronger and better in every way than rough manure. Lasts much longer on the benches. Unequaled for mulching and feeding roses, liquid manuring and mixing with bench and potting soil. Used by all the largest growers.
Ask your supply man or write us for circulars and prices.
...THE...
Pulverized Manure Co.
33 Union Stock Yards
CHICAGO
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GET OUR PRICES ON
Galvanized Wire Rose Stakes and Tying Wire
IGOE BROTHERS
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
63-71 Metropolitan Ave., BROOKLYN, N. Y.
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Peerless Sulphur Blower
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago
McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.
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Insure Yourself Maximum Crops of Excellent Quality by Feeding and Nourishing your Plants with

Evergreen Brand Fertilizer

Specially manufactured for growing Flowers, Ferns, Palms, Etc.

Its recommendation is based upon careful, extended and disinterested experiments, showing that this material is a nourishing, easily-available food for crops.

It consists of about half animal matter and half minerals, treated and refined; thus it is free from all deleterious substances and will not burn or injure the most delicate plant root, unless an extraordinary amount is applied at one time.

It is immediately available, and its effect upon most crops may be noticed within six days after its application.

It prevents the onslaughts of plant diseases or insect pests.

It will greatly benefit all greenhouse crops, notwithstanding the richness of the prepared soil, since it furnishes all the plant food elements in available forms and sufficient quantities to meet the needs of the plants.

It should receive careful attention, because its right use permits not only an economical utilization by the plant, but a control of its growth; it may be used in such a way as to change the natural tendency and thus improve it for specific uses; thus, in addition to the increase in yield which it produces, it enhances its market value.

Its uniform action seems to be to stimulate the capacity of the plant for absorbing water and developing foliage and stem growth, and to bring out numbers of new shoots, hence with roses and other flowering plants the best results are secured when this fertilizer is applied during the early growing period, as the energies of the plant are immediately concentrated upon developing its growth.

Can be used at any time during the growing season, dry or in solution.

Put up in 12-pound cans. Price, $2.00 each.

For sale by Leading Jobbers.

D. D. Johnson Company

Manufacturers

66 Wabash Ave., CHICAGO

You Should Have

OUR

New 1910 Vase Catalogue

Beautifully Illustrated! :: :: It's Free!



Just received it from the printers and it's a dandy. We are modest, but we have to say it's the best yet. Every florist should become acquainted with STERLING IRON RESERVOIR VASES. They are no experiment. Iron Reservoir Vases are becoming more and more popular. Their need is recognized ∴ ∴

This catalogue will tell you all about them. Show you why STERLING VASES sell so much easier than others. Gives you many valuable hints and suggestions for their use ∴ ∴ ∴ ∴

You are under no obligation to us whatever if you ask for a copy. We send it willingly because we know you will value it ∴ ∴ ∴

Just give us your address, say "Catalogue" and we will do the rest

The Sterling Emery Wheel Mfg. Co., Tiffin, O.

Mention The Review when you write.

MAYWOOD, ILL.

Sweet peas will be the principal item in cut flowers here, as all of the five firms here are coming along with an unusually big cut, to last well into the spring.

H. Wehrman has a grand lot of Spanish iris coming shortly.

William Amling is planning an addition to his plant, 27x350 feet. He will also change his heating system from hot water to steam, put up a water tank at an elevation of fifty feet, with a capacity of 20,000 gallons, and remodel the place generally.

The A. F. Amling Co. intends building an addition to the houses put up last summer. The addition will include four houses 25x300 feet each, and two houses 25x157 each; also a packing room and general service building, 36x135 feet, and a water reservoir, built of concrete, 20x50x6 feet, to collect all rain water and condensation from the greenhouse roofs, to be used for general watering. The new houses will be planted to Beauty roses when completed. This firm has 15,000 giganteum lilies coming along for Easter; they are at present about eight to ten inches high, and are expected to be ready just in time.

HOPKINS, MINN.—W. P. Cooper says the present winter has been an unusually hard one for vegetable growers, on account of the long continued cloudy weather. Crops which ought to have been on the market at Christmas were not ready for harvesting till about the middle of January. Now, however, the weather is becoming brighter.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3¾x5x30	3.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12 50
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.
New York Office: 20 E. 42nd Street

Always mention the Florists' Review when writing advertisers.

No order too large for us to give you prompt shipment

ESTABLISHED 1862

W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.

Manufacturers of **STANDARD FLOWER POTS**

No order too small to receive our careful attention

Mention The Review when you write.

Syracuse Red Pots

We have a large stock of well made and well burned pots on hand for the trade of 1910.

Prompt shipments guaranteed.

Our terms are as good as the best.

Catalogue for 1910 on application.

Syracuse Pottery Co.

SYRACUSE, N. Y.

Mention The Review when you write.

All The Clay

for our

Florists' Red Pots

is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.

THE PETERS & REED POTTERY CO.

ZANESVILLE, OHIO.

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GEO. KELLER & SON

Manufacturers of

RED POTS

Before buying write for prices.

2614-2622 Herndon Street Near Wrightwood Ave., CHICAGO, ILL.

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Standard Red Pots

Price list and samples on application.

We carry a complete line of Florists' pots.

Weis & Schmidt Pottery Co.

MILWAUKEE, WIS.

Mention The Review when you write.

American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50



The American Woodenware Mfg. Co

TOLEDO, OHIO

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RED STANDARD POTS PRICES PER 1000 F. O. B. HARRISON

2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio

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Manufacturers of the original Red Flower Pots. None better made at any price.

BUY your Flower Pots from the C. C. Pollworth Co., Milwaukee. We are as near to you as your railroad.

POLLWORTH MILWAUKEE

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For "Pot Luck" Try Us

HEWS STANDARD POTS

POT MAKERS FOR 140 YEARS

World's Largest Manufacturers

Write for Catalogue and Discounts.

A. H. HEWS & CO., Inc., Established 1765 CAMBRIDGE, MASS.

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KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots

Azalea Pots, Bulb and Fern Pans, Etc.

The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.

213 to 223 PEARL STREET, NORRISTOWN, PA.

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THE FAMOUS IONIA POTS

STRONGEST, LIGHTEST, MOST POROUS.

Packed in strong, hardwood crates. Plenty of straw.

We solved the breakage problem years ago.

We are ready for that order NOW.

IONIA POTTERY CO., - - IONIA, MICH.

Mention The Review when you write.

Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

...YOU...

Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

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MINNEAPOLIS.

The Market.

"Nothing doing," is the cry everywhere. There is no demand for flowers, except occasionally for funeral work, but stock is also scarce. Roses are at a premium. Good daffodils and colored tulips are rare, carnations and violets being the only stock which is at all plentiful. Sunshine favors the blooms, but slush underfoot keeps the people indoors, thereby decreasing transient business.

Club Meeting.

The regular meeting of the Minnesota State Florists' Association took place on the evening of January 18, at the hall on Snelling avenue. The meeting was well attended and a little business was brought up, the chrysanthemum show of next November being the chief subject under discussion. The final report of the committee will have to be in for the next meeting, with the guarantee fund closed, and then we will know what we have to work on. The same committee was reappointed to look into the betterment of conditions at the state fair, namely, E. Nagel, Aug. Swanson and T. Wirth.

A committee was formed to appoint delegates each year to the yearly meeting of the State Horticultural Society.

The florists' ball, scheduled for February 16, has been changed to February 7, and will be held at the Arc Lodge hall, Thirty-first street and First avenue south, one of the finest and largest halls in the city.

M. E. M.

The Minneapolis Market Gardeners' Association held its midwinter picnic January 22, in Masonic Temple. The program was a most enjoyable one, including moving pictures, music and speaking in the afternoon, and a picnic supper and dancing in the evening.

WABASH, IND.—The Northern Indiana Association of Florists held its annual convention in this city, January 19. The members met in the Tremont hotel, as the guests of J. D. Conner, of the Conner-Ulsh Floral Co. John H. Shelton, of Rochester, Ind., who is the society's secretary and treasurer, had arranged a good program.

THE HOME OF
HIGH-GRADE, WATERPROOF
Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.**
Samples and prices sent on application.

A. A. ARNOLD
16-22 S. Peoria Street, CHICAGO, ILL.

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FORSTER MANSFIELD MFG. CO.
145 West 28th Street, NEW YORK
Telephone 4254 Madison
Art Decorative Wood Workers for the Florists.
We manufacture the latest improved Ice Boxes also Pedestals, Window Boxes, Plant Tubs, Grill and Lattice Work, Mission Tubs and Art Wood Novelties.
Our Specialty, fitting up artistically many of the leading florist stores of New York.
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Paper Pots For Carnations

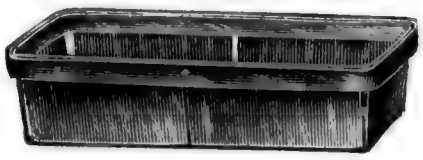
If you will root a part of your carnations in our Paper Pots, and after transplanting them watch the potted plants get ahead of the others, you will never be without paper pots again. In a potted plant the thin, almost invisible rootlets are neither bruised nor torn, and the plant keeps right on growing with absolutely no check in its growth. Let us ask you three questions: 1st Wouldn't you, other things being equal, rather buy potted plants? 2nd. If you advertise potted plants, other things being equal won't you get the business? 3rd. Can you, at the following prices, afford to do without paper pots? 2 inch pots, **75c per 1000; $3.00 per 5000;** 2½-inch pots, **$1.00 per 1000; $4.00 per 5000.** Freight paid on 10,000 east of the Mississippi.

P. B. CROSBY & SON, Catonsville, Baltimore, Md.

☞If you lose our address you will find our card in the classified advs., at the tail end among the miscellaneous articles.—P. B. C. & Son.

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Pansy and Verbena Baskets



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000 ..... $ 9.00
Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000 ..... 15.00
Detachable wire handles for either of the above, per 1000 ..... 2.00

Have ten other sizes. Send for descriptive circular.

COLES & COMPANY, 109-111 Warren St., New York, N. Y.

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The Standard Mailing Tube

A Great Combination of Good Qualities

Strong—Resisting crushing in mail sacks.
Light—Making mailing cost low.
Time Saving—Easiest and quickest package to make up.
Low Cost—Its low cost appeals to every grower.
Satisfied Customers—We believe that 98% of plants carried in **Standard Tubes** arrive at destination in perfect condition. Can that be said of any other package?
Full range of sizes and special sizes to order promptly.

——Samples on request.——

THE STANDARD MANUFACTURING CO., Coatesville, Pa.

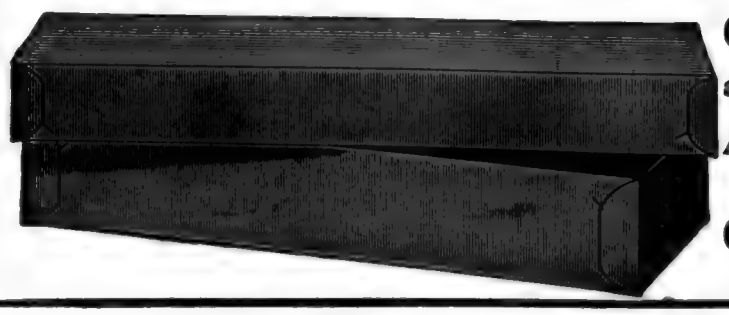
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SILKALINE FF

For sale by all responsible houses throughout the country. Be sure that each spool is marked
Meyer Green Silkaline
and take no other. Price $1.25 per lb., 8 spools to the lb. 16 oz. actual weight of thread.
Manufactured by
JOHN C. MEYER & CO., 1445 Middlesex St., Lowell, Mass.

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Cut Flower and Design Boxes

All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

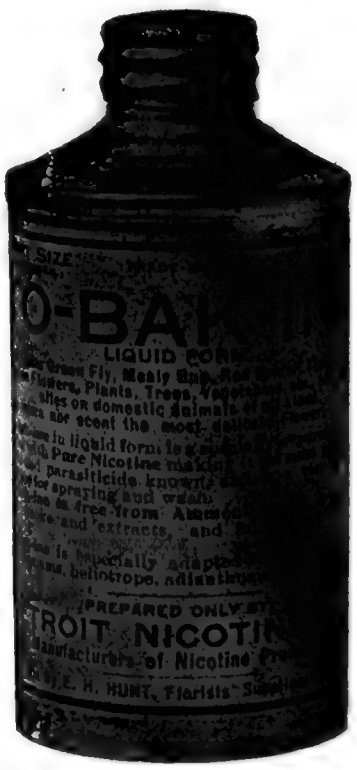
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UP-TO-DATE GROWERS SPRAY

TO-BAK-INE LIQUID

And Are Not Troubled With

Thrips on Carnations



TO-BAK-INE Liquid in cans: ¼ pint, 60c; ½ pint, $1.10; 1 pint, $2.00; 1 quart, $3.95; 1 gallon, $15.00. Also put up in 10, 20 and 40-gallon casks with locked faucet, for large growers.

Directions for Use

Mr. A. F. J. BAUR, the well-known Carnation expert, writes: "If I had a carnation house ever so badly infested by Greenfly or Thrips, I would **spray** with **To-Bak-Ine Liquid** not stronger than three teaspoonfuls to a gallon of water, and six gallons of this solution would spray a house 25x100 feet thoroughly. I would rather spray with this strength every day for a few days than to make it stronger. Ordinarily one spraying in two days is enough for the first week, and thereafter once or possibly twice each week will be sufficient.

"I am satisfied that spraying is most effective in destroying these pests, as well as the least harmful to the plants or blooms.

"In order to derive the most benefit from the use of **To-Bak-Ine**, it should be used regularly throughout the season, as a preventive. We begin to spray our carnations with it regularly once each week as soon as they are well-established on the beds in the houses, about September 1 (or sooner if any insects show themselves), and we find that this will keep away Aphis, Thrips, and in addition to intelligent syringing it will keep down Red Spider. The number of blooms usually lost through the ravages of these pests can be reduced to a minimum by the use of **To-Bak-Ine.** These blooms saved will easily pay for the cost of spraying and have a good balance over. It is surprising how many blooms are discarded by growers, which could have been saved by the use of this preparation; when you figure them at 3c to 5c each during midwinter it runs up into money quickly.

"No grower can afford to be without this preparation and it will take merely a fair trial to convince anyone of its value. When I begin on **To-Bak-Ine** I find it hard to stop. I feel that I could not possibly say too much in its favor, especially as a remedy for Aphis and Thrips."—Signed, A. F. J. BAUR.

(Mr. Baur is Secretary of the American Carnation Society.)

TO-BAK-INE LIQUID is a 45% Solution of Pure Nicotine

(the strongest made). It has been used successfully for years by vaporizing by heat, but the latest and best method is to

SPRAY THROUGH A SIMPLEX OR KNAPSACK PUMP

Also Equally Valuable in

ROSE HOUSES and FOR GENERAL STOCK

Hunt's "Simplex" Spray Pump, complete, all brass,	**$12.00**
Hunt's "Simplex" Spray Pump, complete, galvanized iron,	**9.00**
Hunt's "Success" Knapsack Spray Pump,	**14.00**

Send for "WORDS OF WISDOM," by leading growers, and "FLOWERS AND PROFIT," both free. They tell all about fumigating.

E. H. Hunt,

General Agent
76-78 Wabash Ave.
CHICAGO

CENTRALIA, ILL.

As announced briefly in a recent issue of the Review, the business of J. W. Ross has been incorporated, under the name of the J. W. Ross Co., with a capital stock of $40,000.

The object of the incorporation is to secure capital for the accommodation of the flower and seed business of this concern, which has been growing rapidly since Mr. Ross located in Centralia six years ago. At that time only a local business was attempted, but the popularity of Mr. Ross's products was such that the business spread out rapidly, until in the year 1909 Mr. Ross sent out flowers, plants and seeds into twenty-seven states and made some shipments into Canada. Consequently he has found it necessary to make extensive additions to the plant, and for this purpose and the necessary advertising the additional capital provided will be used.

The incorporators are J. W. Ross, J. E. Karnes and John J. Bundy. The first board of directors comprises J. W. Ross, A. J. Ross and J. E. Karnes.

A downtown office and store have been established on East Broadway, for the more convenient handling of the business.

UTICA, N. Y.

Holiday trade was the best ever, in the opinion of Frank C. Baker, of Utica, N. Y. Combination baskets sold well. Flowering plants never sold better and Designer Wilcox was kept busy making up floral pieces.

William Mathews, of Utica, says that were he to begin over again, he would cover his place with glass for cattleyas alone. The demand is so good that never has a bloom gone to waste. His son, Harry, recently took to himself a bride, one of Utica's fairest blossoms, and is receiving congratulations from all sides.

William Pfeifer, of Utica, reports a good business, with plenty of work ahead.

Charles H. Roney was a caller at Utica in the interests of the Henry F. Michell Co., Philadelphia. Being a veteran grower and an expert at that, he makes himself entertaining with the boys.

West Hoboken, N. J.—The greenhouses of Oscar Boehler, at Summit avenue and Du Bois street, were seriously damaged by fire December 30. The loss was over $2,000. The fire, it is said, was caused by an overheated boiler.

AN OUNCE OF PREVENTION

Don't wait until your vines and plants are full of San Jose Scale before you spray them. Get busy now and keep off the pests by thoroughly spraying with a strong solution of

GOOD'S Caustic Potash Whale Oil **SOAP No. 3**

50-lb. keg, $2.50; 100-lb. keg, $4.50; larger quantities proportionately less. Sure death to all enemies of trees and plant life. Protects vegetables, grapes, berries, flowers and small fruits. Contains nothing to injure trees, plants or shrubs, but fertilizes them. The potash and fish oil contained in it enrich the soil. Used and endorsed by State Experiment Stations and by the **U. S. Department of Agriculture.** Write today for free booklet, "A Pocket Manual of Plant Diseases."

JAMES GOOD, Original Maker, 005 N. Front St., Philadelphia

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THE MASTIN AUTOMATIC WHITEWASH AND SPRAYING MACHINE IS RELIABLE, PRACTICAL AND DURABLE

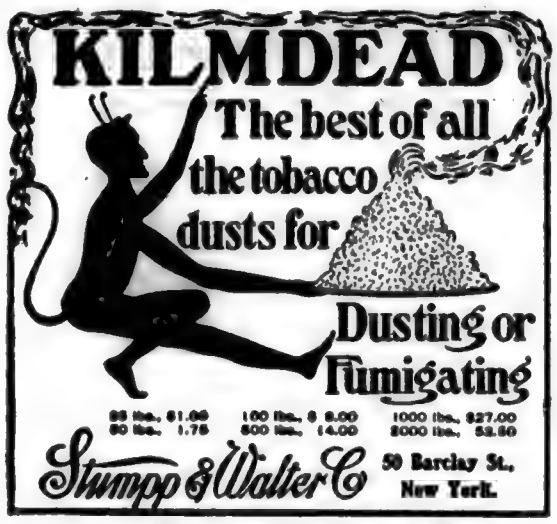


The tank is made of galvanized sheet steel, and in brass.
The pump is of brass throughout simple and powerful.
The mixing device keeps the contents of the tank well stirred up from start to finish.
When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.
All parts are made to gauge and may be had for repairs.
Ask your dealer about our **Extension Hose, Extension Rods,** and the **Mastin Whitewash Nozzle** for Bordeaux mixture.

Sold through seedsmen, dealers in florists' and poultry supplies.

J. G. MASTIN & CO., 3124 West Lake St. CHICAGO, ILL.

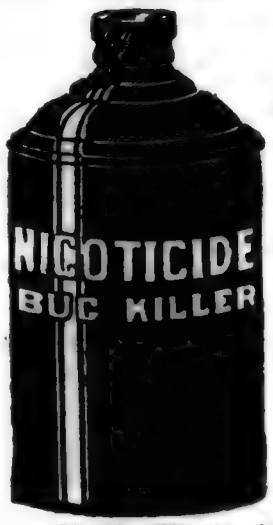
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THE BEST Bug Killer and Bloom Saver

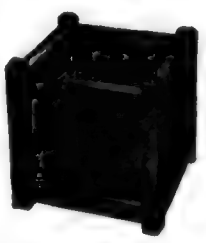
Drop us a line and We will prove it

P. R. PALETHORPE CO.

Dept. A

Owensboro, Ky.

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MISSION PLANT BOXES

Are the best and cheapest plant boxes in the market for large plants, boxwoods, bay trees, etc.

They are attractive in design, strong and durable. Suitable for either outdoor or indoor use.

Write for prices.

WAGNER PARK CONSERVATORIES, Sidney, Ohio

Mention The Review when you write.

For Sale

GLASS, write for prices.

PECKY CYPRESS Best bench board known. $23.00 per 1000.

PIPE Good, serviceable, second-hand, no junk. ¾ in., 1¾c per ft.; 1-in., 2½c per ft.; 1¼ in., 3½c per ft.; 1½-in., 4c per ft.; 2-in., 5½c per ft.; 2½-in., 8½c per ft.; 3-in., 11c per ft; 4-in., 16c per ft. All kinds of fittings for 4-in. cast iron. All sizes new, black and galvanized wrought iron pipe carried in stock. Pipe cut to sketch.

BOILERS One new Ideal sectional boiler, will heat 4200 sq. ft. of glass; price, $130.00. We always carry a large stock of new and second hand, round or sectional, hot water or steam boilers. Write for special prices. We have the largest stock of boilers, round and sectional, new and second-hand, hot water and steam, in New York or Brooklyn.

PIPE-FITTING TOOLS New and old. Large stock always on hand.

GARDEN HOSE In lengths up to 500 ft., with couplings, 50-ft. lengths carried in stock. ¾-in., 3-ply, guaranteed 100 lbs. pressure, 8½c; 4-ply, guaranteed 150 lbs. pressure, 9c; 4-ply, guaranteed 250 lbs. pressure, 12½c.

METROPOLITAN MATERIAL CO.
Greenhouse Wreckers

1394-1404 Metropolitan Ave., Brooklyn, N. Y.

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PILLSBURY'S CARNATION STAPLE

The best, cheapest, quickest, simplest and easiest way to fix your split carnations. No tools required.

"We consider your Carnation Staple superior to anything in the market for that purpose, as we have tried them all." Broadway Floral Co.



I. L. PILLSBURY, Florist, GALESBURG, ILL.

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THE REGAN PRINTING HOUSE

LARGE RUNS OF

Catalogues Our Specialty Get our figure

83-91 Plymouth Place, CHICAGO

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IT MAY INTEREST YOU TO KNOW

that if, for any purpose, you desire NICOTINE SOLUTION containing more than 40% Nicotine (the percentage in our "Nico-Fume" Liquid, price $10.50 per gallon), we shall be pleased to supply same as follows:

45% NICOTINE SOLUTION at $11.81 per gallon
50% NICOTINE SOLUTION at 13.12 per gallon
60% NICOTINE SOLUTION at 15.75 per gallon

When ordered in lots of 5 gallons or over, SPECIAL DISCOUNTS are allowed from the above prices, as with our "Nico-Fume" Liquid.

Compare these prices with those of competing products! If you are paying more than the above basis for your Nicotine,

YOU ARE WASTING MONEY!

Also remember that the NICOTINE SOLUTION we offer is exceptionally free from impurities.

Among the many prominent users of "Nico-Fume" Liquid and of our NICOTINE SOLUTION are such experienced growers as the following:

Poehlmann Bros.	Dailledouze Bros.
Bassett & Washburn.	Julius Roehrs Co.
A. N. Pierson, Inc.	Cottage Gardens.
A. F. Amling Co.	Emil Buettner.
F. Dorner & Sons.	Lakeview Rose Gardens.

Do you know that against Green Aphis "Nico-Fume" Liquid is effective at a

DILUTION OF 1 TO 800?

or against Thrips, at a

DILUTION OF 1 TO 500?

In short, in buying "Nico-Fume" Liquid, you obtain 500 to 800 gallons of effective spraying solution for only $10.50.

Compare these effective dilutions with those of competing articles and you will realize how "Nico-Fume" saves you money!

"NICO-FUME" PAPER

The standard fumigant - having by far the largest sale of any Tobacco Paper on the market.

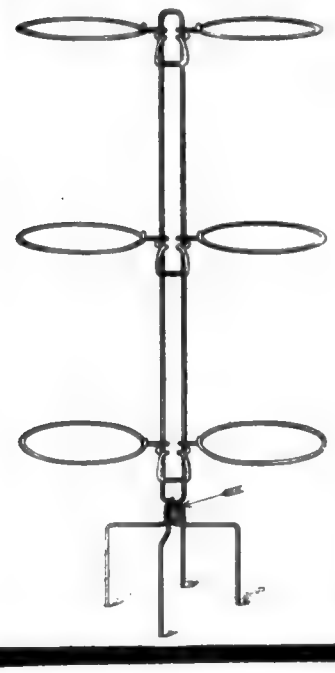
Noted for its superiority in STRENGTH, PACKING, and COMPARATIVE CHEAPNESS. Likewise for its convenience in application.

For Sale by Seedsmen.

For full particulars write to the manufacturers,

The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Müller's Improved Double Carnation Support



This represents the very latest achievement in Carnation Supports. The great feature of this one is that one Support holds two plants; can be raised and lowered to suit plant, easily put together, will not fall apart after once put up. They are substantially made and require little room to store, as they lie flat when taken down.

O. A. MÜLLER, Ambler, Pa.

Mention The Review when you write.

EASTERN NEW YORK NOTES.

There is good business at Albany, N. Y., but collections are rather tight, owing, no doubt, to the extremely cold weather. A thaw will loosen everything up.

F. A. Danker, of Albany, is planning a model farm on his eighty-acre range just inside the city limits, one of the finest locations on the trolley line.

H. G. Eyres, of Albany, does not propose to stay out next year at the annual chrysanthemum show. There will not be sufficient space to accommodate prospective exhibitors, judging by the plans already being made. "It was the best ad we ever had," is the general opinion of all who were there.

J. G. Barrett, of Troy, N. Y., is looking around for space to expand. Each year finds him crowded, and growing all the time. He says there is plenty of room at the top. (He means the top of the hill, of course.)

Sambrook Bros., of Troy, say it is a good thing to have the window frozen up now and then, especially when one cannot help it, as of late. Passers-by drop in to see what is inside, and the contrast cannot fail to appeal to them.

T. J. Totten, of Saratoga Springs, N. Y., reports a big demand for his seedling red carnation, with the possible sale of the stock to a leading dealer. It will bring a good figure.

Henry Schrade, of Saratoga Springs, says Canary Bird is a whistler, or, in other words, a taker. It is a fine flower, and can safely be termed a yellow Enchantress.

Christian Dehn, of Saratoga Springs, is planning to assist again in beautifying the open spaces here next season. He is a hustling member of the civic committee.

M.

MUNCY, PA.—John P. Ring, who for a number of years had charge of the large establishment of Evenden Bros., at Williamsport, Pa., has purchased the Rose Hill Greenhouses, lately owned by A. B. Herbst & Son, in this place, and is now busily engaged in overhauling the boilers and getting the houses in shape for spring stock. Mr. Ring will do a general florists' business, dealing in plants, flowers, seeds and vegetables.

SEE THAT LEDGE.
Pat. Sept. 18, 1900



THE JENNINGS IMPROVED IRON GUTTER.

Use Our

Patent Iron Bench Fittings and Roof Supports

VENTILATING APPARATUS

Improved Vaporizing Pans for Tobacco Extracts, Etc.

Send for Circulars.

DILLER, CASKEY & KEEN, S. W. Cor. 6th and Berks Sts. PHILADELPHIA, PA

Mention The Review when you write

Concrete Steel Benches

After three years' experimenting and putting to actual test, we are prepared to book your orders for our Steel Forms, by which means you can erect the neatest, most durable bench known to the grower today. Many perfectly pleased and satisfied customers on our books.

We invite correspondence.

Wilson-Hoyt Co., 1 Madison Avenue, New York

Mention The Review when you write.

Write to us about

Materials and Plans

For any size and style of

GREENHOUSE

For new structure or repairs

HOTBED SASH

In stock or any size required

PECKY CYPRESS

For benches, lasting and least expensive

THE FOLEY MFG. CO.

Western Ave. and 26th St., CHICAGO

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THE STANDARD

Ventilating Machinery

The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only DRIP PROOF gutter on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio

Always Mention the....

Florists' Review

When Writing Advertisers



King Iron Frame Carnation House
The House that Has Made Good

Iron Frame Greenhouse Construction

At a price that can be reached by the Commercial Grower. **Lightest, Strongest, Most Inexpensive.**
One year on the market and now in use in **United States, England, France, Germany.**

ASK THE MAN WHO HAS ONE

King Construction Co., North Tonawanda, N. Y.

Mention The Review when you write.

PECKY CYPRESS

For Greenhouse Benches. By far the best material.

PLACE ORDERS NOW

It will be open-air dried in the South and delivered when you want it.
Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, etc.

Write for Prices

ADAM SCHILLO LUMBER CO.

1560 Hawthorne St., **CHICAGO**

Telephones Lincoln 410 and 411.

Purlin Facts

We believe in the Angle Iron Purlins, and know that screwing the bars to them gives an accurate spacing, with no chance for side slipping.

Our "Cling Tight" Purlin and Column Fitting allows the column to be placed directly under the purlin and makes it impossible for the angle purlin to turn, or the fitting to snap off.

Send for our circular—it's a bundle of other interesting building facts.



Hitchings & Company

Designing and Sales Offices: 1170 Broadway, New York
General Offices and Factory: Elizabeth, N. J.



100 Gallon Cypress Tank

for storing water, for scalding and salting, and many other purposes. Can furnish with tight cover, making it suitable for spraying, for $3.00 additional. We make all other size Tanks in any shape, for all purposes.

Steel Towers to elevate Tanks, Bells, Wind Mills, also Silos, Pumps and Gasoline Engines.

Goods guaranteed as represented, or money back.

THE BALTIMORE COOPERAGE CO.

35 S. Liberty Street, BALTIMORE, MD.

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CALDWELL TANKS

of Galvanized Steel are used everywhere. Sizes up to 1200 gallons can be shipped set up at small cost for freight. These tanks are strong, tight and durable. Cost less than wood tanks. Ask for illustrated catalogue and delivered prices.

W. E. Caldwell Co., Incorporated, Louisville, Ky.
TANKS (Steel, Wood, Galvanized) TOWERS, Windmills, Pumps, Gas Engines.

STEINER

The name that stands for big power at low cost, and perfect workmanship.

How is this? A 2½-H. P. air cooled engine, set on skids, wired and piped, complete, ready to run for $81.50.



Guaranteed for one year. Send us your order.
M. STEINER & CO., 242 Torrence St., DAYTON, O.

Always mention the Florists' Review when writing advertisers.

RAMBLING JOTTINGS.

E. A. Baker, of Ilion, N. Y., is completing the erection of a fine office and show room. This work was interrupted by the busy holiday season, which cleaned him right out of stock.

W. D. Snell, of Herkimer, N. Y., says he was never so busy as during the holiday season. He grows most of his stock at the branch plant at Mohawk, where he expects to add to the 30,000 feet now completed.

J. O. Graham, of Little Falls, N. Y., says Santa was extra good to him. Since the rush he has been kept busy receipting bills — some are not so fortunate. A promising son is learning the art of growing Lorraine begonias with Joseph Traudt, of Canajoharie, who is renowned beyond the valley of the Mohawk for his success in the culture of this plant, which was even more popular this season than ever before. It is a climb up to Mr. Traudt's place, but one feels well repaid with a visit, and the grand scenery surrounding his snug place is worthy of note.

H. C. Hatcher, of Amsterdam, N. Y., will dispose of his place across the river to a prospective wholesale grower, who can find a good market here for everything grown. The increasing plant at Hoffmans, situated between Amsterdam and Schenectady, necessitates this step. George Hatcher says he finds the demand for orchids steadily increasing. At the time of my visit he was putting up a corsage bouquet, consisting of violets, valley and cypripediums, that would bring smiles of pleasure to the cheeks of the fair wearer.

Thomas Barson, of Johnstown, N. Y., has the sympathy of the craft with him in his sickness. He was down with bronchitis just at the busy time. His better half did herself proud, putting in her best work, and pulled through in good shape.

Robert Main, of Gloversville, N. Y., expects to retire from our attractive profession after the spring rush. The southern fever has a strong hold on him at this season of the year, but old Boreas will soon let up and, as Fred Goldring remarked at Slingerlands, N. Y., a day or so previous, while testing a new Lord & Burnham boiler with the thermometer 10 degrees below zero and a biting wind blowing at the same time, "If we had no winter we would not know what summer was." Perhaps he has a relative in the coal business and rejoices at his success.

WASHINGTON, D. C.—A greenhouse on the grounds of Trinity College, at Harewood and Michigan avenues, has been destroyed by fire. The house was erected last fall and was well stocked with plants.



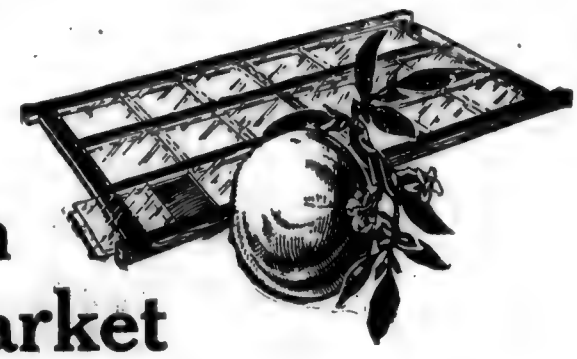
Have you been looking for a Ventilating Machine?

Here is one of the highest quality and has been proved to be the best. It is sold at reasonable prices and it excels all others in its ease of operation. Write for reasons why this machine becomes a favorite wherever it goes. Every user is an advertiser, for every user is perfectly satisfied with our line.

THE ADVANCE CO.
Richmond, Ind.

Mention The Review when you write.

Get the Benefit of Big Prices in the early market



The secret of success in market gardening is earliness. The Sunlight Double Glass Sash makes it easy to have the earliest and **best** plants. They will be ready as soon as the field is ready to receive them. The resulting crops will get the top-notch prices.

Sunlight Double Glass Sash lets in all the light all the time. Mats and boards for covering are no longer needed saving expense and labor.

Throughout the entire day the plants get benefit of the stimulating sunlight and earlier, better crops result.

The two layers of glass do the work. A 5/8-inch cushion of dry air between acts as a transparent blanket over the plants and protects them even in zero weather.

SUNLIGHT Double Glass Sash TRADE MARK
for Hot-beds and Cold-frames

Agents Wanted. The wonderful success of Sunlight Double Glass Sash makes it one of the best agency propositions open to enterprising men.

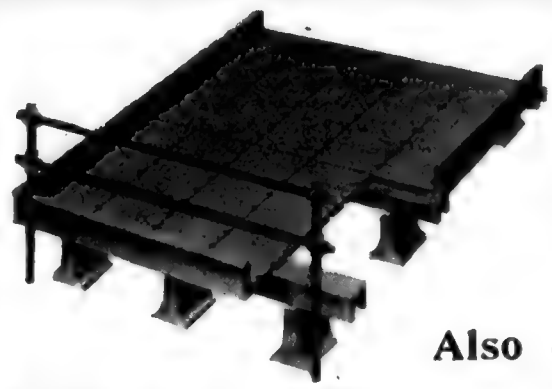
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Get our new catalog on hot-bed sash. Prepaid freight offer. Safe delivery Guaranteed.

The Sunlight Double Glass Sash Co.

948 E. Broadway. Louisville, Kentucky

Mention The Review when you write.



Write for circular and prices of forms for building our

Sectional Concrete Bench

Also cost of Building Bench

McCaslin Bros., Zanesville, O.

Gentlemen:—Replying to yours in reference to forms, beg to state that we put up some very nice benches with the forms. We are very much pleased with the benches, they make a nice looking house.

Yours truly, Chas. Frueh & Sons, Saginaw, Mich.

McCaslin Bros., Zanesville, O.

Gentlemen:—We enclose you check in payment for Cement Bench Forms. We find them very satisfactory and have finished three very fine benches. We can recommend them to anyone. Yours very truly,

Evenden Bros., Williamsport, Pa.

McCASLIN BROS., :: ZANESVILLE, O.

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Dibert, Stark & Brown Cypress Co.

DONNER, LA.

Manufacturers **LOUISIANA CYPRESS LUMBER** Lath and Shingles

Write us when you are in the market. Mention name of your dealer. **Pecky Cypress a Specialty**



ROBERT CRAIG CO. BUILDS SEMI-IRON HOUSES

Four of them, 27 feet wide and 301 feet long, and another under way, 21 by 301 feet.

Concrete sides and our Semi-iron or Pipe Frame Construction throughout.

To quote Mr. Craig: "I wanted a **safe, sure** house that would be good for thirty years to come." There is a lot in those two words—"**safe, sure!**" You can't say them truthfully about a house that hasn't strong and solid roof supports.

Our Semi-iron Construction, next to our Sectional Iron Frame Construction, is the best investment you can make.

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NEW YORK St. James Bldg. | BOSTON Tremont Bldg. | PHILADELPHIA Heed Bldg. | CHICAGO The Rookery

Greenhouse Material :: Hotbed Sash

A. DIETSCH CO., 2640 SHEFFIELD AVENUE, CHICAGO

Always Reliable Up-to-date Recommended by the Customers



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A Standard Pumping Engine is more reliable than windmills and will furnish a much higher pressure. Catalogue on request—will tell you more.

The Standard Pump & Engine Co., Cleveland, Ohio.



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GREENHOUSE WHITE

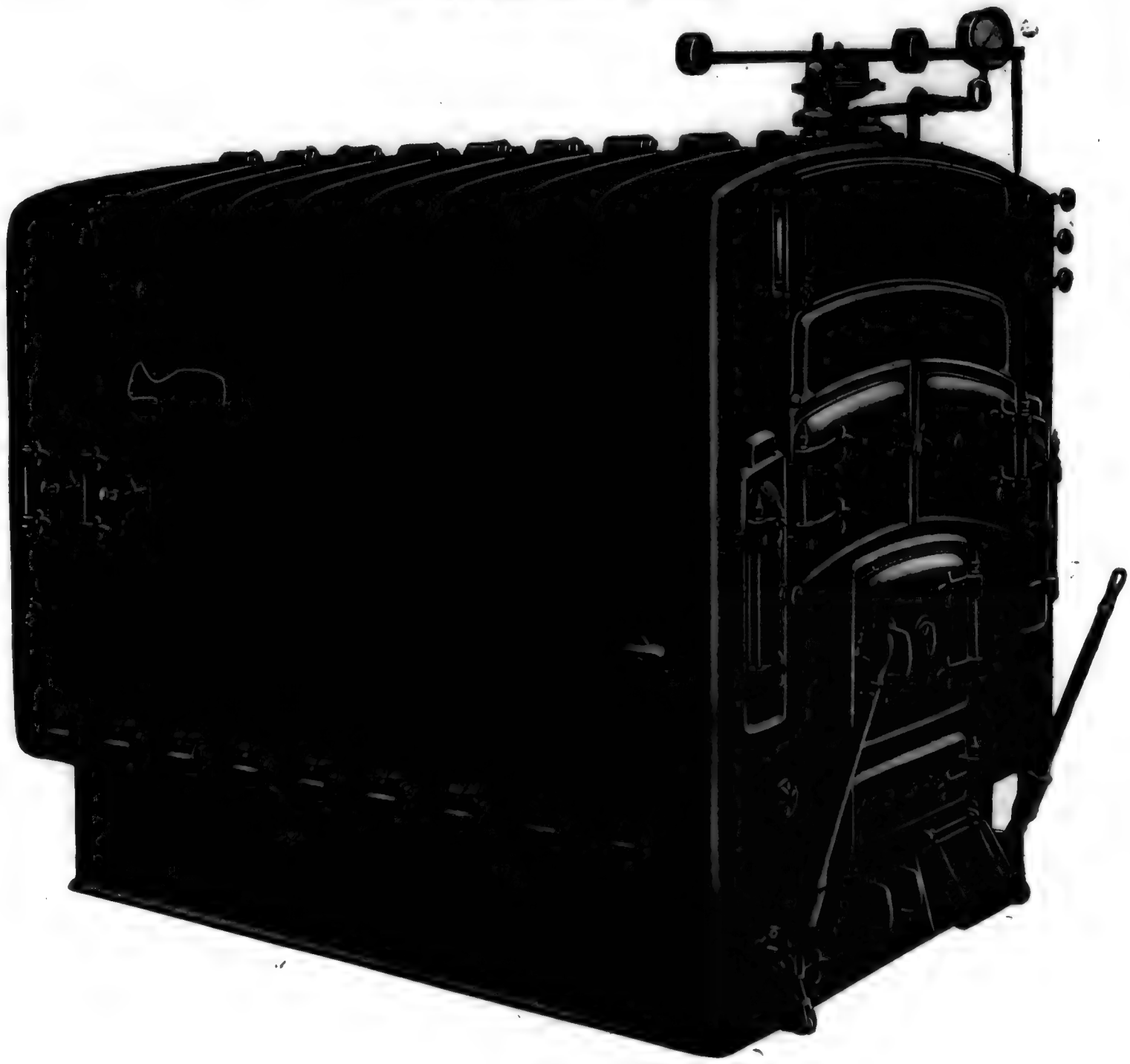
Will not chalk, scale or peel. Not affected by dampness, mildew or moisture. A clear, strong white.

John Lucas & Co.

Philadelphia — New York — Chicago — Boston

The Moninger-Furman Boiler

For Water and Steam



("40 Type")

Reduces coal bills 15 to 30 per cent.
Awarded 6 Certificates of Merit at Conventions.
Now heating 25,000,000 sq. ft. of glass.

Don't buy any boiler
Until you investigate.
Send for Catalogue No. 5

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GREENHOUSE MATERIAL

904 Blackhawk Street, CHICAGO

UNIVERSITY of ILLINOIS

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, FEBRUARY 3, 1910. No. 636.

CANNAS

800,000 F. O. B. New York or Chicago

We are headquarters for all the most up-to-date and leading varieties of Cannas. For varieties and prices see page advertisement of Cannas in this issue.

Our Western Agents for Cannas,

THE WINTERSON SEED CO.
45-47-49 Wabash Ave., CHICAGO, ILL.

ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th St., New York

Rooted Carnation Cuttings

	100	1000		100	1000
Conquest	$12 00	$100.00	Splendor	$3.00	$25 00
Sangamo	12.00	100.00	Alvina	5.00	45.00
Mary Tolman	12 00	100 00	Aristocrat	3.00	25.00
White Enchantress	3.00	25.00	Afterglow	3.00	25.00
White Perfection	3 00	25.00	Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20 00	O. P. Bassett	6 00	50.00
May Day	6 00	50 00	Beacon	3.00	25.00
Daybreak Lawson	3.00	25.00	Victory	3.00	25.00
R.-P. Enchantress	3.00	25.00	Andrew Carnegie	3.00	25.00
Winona	3.00	25.00	Gov. Deneen	6.00	45.00
Winsor	3.00	25.00			

All stock clean, healthy and well rooted.
The best that money can buy.

Chicago Carnation Co., A. T. Pyfer, Mgr. Joliet, Ill.

New Seedling Begonia

Glory of Cincinnati

The best winter-flowering Begonia; it does not drop its flowers; larger and more beautiful than any other variety of the winter-flowering type. Young plants ready in July; $1.00 each; $9.00 per dozen; $50.00 per 100. All orders filled in rotation.

J. A. PETERSON, Westwood, Cincinnati, O.

The Baur Carnation Clip

SPLIT CARNATIONS

The Clip That Makes Friends

Send us no money. We want your money after we have convinced you by a ten days' free trial that we have the best thing on the market for mending splits—cleverest device ever invented for the purpose. Price per outfit (1 Plier and 1000 Clips), $2.50 Clips as follows: $1.00 per 1000; $1.50 per 2000; $3.25 per 5000; $6.00 per 10,000; $12.50 per 25,000; $20.00 per 50,000.

Testimonials like these are common:

Your Carnation Clip is the finest Clip on the market.
DAVID A. DEAN.

You have the only device that does the trick successfully and with dispatch. W. R. P. STEWART.

We refit old Pliers free. Send them in and we will repair or promptly send you a new one.

BAUR FLORAL CO., Erie, Pa.

Azaleas

Now is the time to get ready for your Easter trade. We have a few hundred plants to offer at the same price now as they were in the fall, which are import prices of the following varieties: Empress of Brazil, Deutsche Perle, Schryveriana, Empress of India, Simon Mardner, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Niobe, Prof. Wolters. 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

Hydrangeas

A few hundred field grown, one-shoot plants, $7 00 per 100. Satisfaction guaranteed.

Glass

16x24 ADS f. o. b. Erie or Buffalo. Let us quote you prices before you buy elsewhere.

Lilies

Giganteum, 7/9, 300 to case	$20.00 per case
" 9/10, 200 to case	21.00 "
Magnificum, 8/9, 200 to case	11.00 "
Auratum, 8/9, 160 to case	7.00 "
Album, 8/9, 225 to case	16.00 "

Carnation Cuttings

Now and later delivery. Beacon, Enchantress, White Enchantress, White Perfection, Winsor, $2.50 per 100; $20.00 per 1000. Winona, Lawson-Enchantress, $3.00 per 100; $25.00 per 1000. Georgia, $5.00 per 100; $40 00 per 1000. Pink Delight, $6.00 per 100; $50.00 per 1000. Also any other standard or new varieties at regular market prices.

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

New Chrysanthemums : :

Edmond Albe. Early commercial pink; mid-October; globular incurved.

Elise Papworth. Grand white; won the sweepstakes prize at the Chicago Show.

$5.00 per dozen; $35.00 per 100.

Early Monrovia. $3.00 per 100; $25.00 per 1000 plants. Rooted cuttings, $15.00 per 1000. Splendid, clean stock.

A grand collection of exhibition sorts. All the best commercials. Write for our list.

G. HILL CO., Richmond, Ind.

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1909	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.30	Lobelia Speciosa	$0.10	$0.50
Balsam Alba Perfecta	.10	.75	Lobelia Crystal P. Comp.	.15	1 15
Cobaea Scandens, purple	.10	.30	Smilax	.05	.25
Dracaena Indivisa	10	.25	Stocks Cut and Come Again	.25	
Forget-Me-Not Victoria	.10	.75	Stocks Ten Weeks', mxd	.25	
Mignonette Machet	10	50	Stokesia Cyanea	.10	
Petunia, Calif. Giants	.25		Thunbergia	.10	.60
Salvia Splendens	.15	1.00	Verbena, Mammoth	.15	1.00

For select strains of VEGETABLE SEEDS, Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our Market Gardeners' Wholesale List, now ready for distribution; mailed upon request.

THE W. W. BARNARD CO., SEEDSMEN, 108-110 W. Kinzie St., Chicago

Single Violets

For Valentine's Day

Many of your customers prefer Single Violets—the fragrant kind. There are no finer Single Violets than those we handle. Shall have a large supply for February 14, but we advise placing orders now, as the demand for the best goods is sure to be strong.

Carnations

Order of us. You will find our stock and our service are right. Our supply, already large, is steadily increasing.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

Price List

BEAUTIES	Per doz.
Long stems	$6.00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1 50
Short stems	1.00
	Per 100
Killarney	$6.00 to $15 00
Richmond	5.00 to 15 00
Maid	5.00 to 12.00
Bride	6.00 to 15.00
Mrs. Field	4.00 to 12 00
My Maryland	4.00 to 12.00
CARNATIONS	
Common	2.00 to 3 00
Fancy	4.00
MISCELLANEOUS STOCK	
Violets, double	.75 to 1.00
" single	.75
Sweet Peas, fancy	1.00 to 1.50
Jonquils	4 00
Tulips	4.00
Valley	3.00 to 4.00
Easter Lilies.....per doz., $2.00	15.00
Callas..... " 2.00	
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Freesias	4.00
GREENS	
Asparagus Plumosus, per string	.60 to .75
" " " bunch	.35 to .50
" Sprengeri....per 100	2.00 to 6.00
Adiantum..... "	1.00 to 1.25
Smilax.....per doz., $2.00	15.00
Ferns.....per 1000, 2.00	.25
Galax..... " 1.00	.15
Leucothoe	.75
Mexican Ivy.....per 1000, $9.00; per 100, $1.00	

Subject to Market Changes.

51 Wabash Ave.

L. D. Phone Randolph 3619

CHICAGO

There is Nothing You May Want we Haven't Got

(IF IT'S TO BE HAD IN CHICAGO)

Quality is A No. 1. We always bill all shipments at market rates. Order of us and we certainly will give you good value. (Roses are more than scarce.)

Carnations, Roses, Violets, Valley, Bulb Stock, Greens, Wild Smilax.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

48-50 Wabash Avenue, CHICAGO

BEAUTIES

We've Got 'em Now

We have the largest supply and the finest **Beauties** in this market—500 or more a day and the cut steadily increasing—and we want to hear from those who have not previously bought of us. The present crop will be on for at least four to six weeks.

Let's hear from you

We also can supply all other stock in season. A fine lot of **Carnations.**

Send along your orders for St. Valentine's Day Violets

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 CHICAGO

Price List

AMERICAN BEAUTY	Per doz.	
36 to 40-inch stem	$5.00 to	$6.00
24 to 30-inch stem	3.00 to	4.00
18 to 20-inch stem	1.50 to	2.50
12 to 15-inch stem	1.00 to	1.25
Short stem		.75
	Per 100	
Bride	$6.00 to	$12.00
Bridesmaid	6.00 to	12.00
Killarney	6.00 to	15.00
White Killarney	6.00 to	15.00
Richmond	6.00 to	12.00
ROSES, our selection		5.00
Carnations, good	2.00 to	3.00
" fancy		4.00
Violets	.75 to	1.00
Valley	3.00 to	5.00
Harrisii Lilies...doz., $1.50 to $2.		
Callas..... " $1.50 to $2.		
Tulips	3.00 to	4.00
Jonquils		4.00
Freesia		3.00
Sweet Peas		1.00
Asparagus.....per string, .50		
" Sprengeri, per bunch,	.35 to	.50
" Plumosus "	.50 to	.75
Galax..... per 1000, $1.00;		.15
Adiantum	.75 to	1.50
Leucothoe Sprays		.75
Smilax.....per doz., $2.00		
Fancy Ferns.....per 1000 2.00		.25
Boxwood.....50 lb. case, 7.50		
Wild Smilax.....50 lb., 5.00		

Prices subject to market changes.

BEACON CARNATION CUTTINGS

We have a quantity of well-rooted cuttings from especially strong stock. These are cuttings that are sure to please.

We are making a specialty of Rooted Cuttings and believe the way to permanent success lies in sending out on every order only the kind of stock that will lead to further orders from that customer, and from those he tells about the satisfactory stock obtained from us.

Nothing Spectacular—Just the Best Cuttings that can be had, and at Right Prices.

CARNATION CUTTINGS

Clean, well-rooted stock, the kind that will make you and your friends our regular customers.

	Per 100	Per 1000
Winsor	$2.50	$20.00
Beacon	3.00	25.00
White Enchantress	2.50	20.00
Enchantress	$3.00	$25.00
White Perfection	3.00	25.00
Rose-pink Enchantress	2.50	20.00

Immediate delivery. Write for special prices on large quantities. No order too large for our facilities.

Chrysanthemum Cuttings

Now booking orders for early delivery.

WHITE	Per 100	Per 1000
Oct. Frost	$2.00	$15.00
Kalb	2.00	15.00
V. Poehlmann	2.50	20.00
Touset	2.00	15.00
A. Byron	2.00	15.00
Wanamaker	2.00	15.00
White Cloud	2.00	15.00
T. Eaton	$2.50	$20.00
Chadwick	2.50	20.00
Nonin	2.00	15.00
PINK		
Balfour	2.00	15.00
Enguehard	2.00	15.00
YELLOW		
Golden Glow	$2.00	$15.00
Monrovia	2.00	15.00
Oct. Sunshine	2.00	15.00
Appleton	2.00	15.00
Y. Eaton	2.50	20.00
Golden Chadwick	3.00	25.00
Halliday	2.00	15.00
Bonnaffon	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

The Ideal Red Carnation

O. P. Bassett

Rooted Cuttings
Per 100, $6.00
Per 1000, $50.00

Buy Direct of the Originators

IT has been the leading Red Carnation in this market, bringing the highest price of any and selling the best. It has paid us more money per square foot of bench than any other variety. The flowers are 3 1-2 inches in diameter, a deep, brilliant red and borne on long, stiff stems. Winner of first prize everywhere.

Bassett & Washburn

Greenhouses, Hinsdale, Ill.

Office and Store } 76 Wabash Ave., Chicago

New Carnations

NOW READY

	100	1000		100	1000
Mrs. C. W. Ward	$12.00	$100.00	Beacon	$3.00	$25.00
Alma Ward	15.00	125.00	Robert Craig	3.00	25.00
Conquest and Sangamo	12.00		Afterglow	3.00	25.00
Mrs. J. C. Vaughan	6.00	50.00	Enchantress	3.00	25.00
Bay State	6.00	50.00	Rose-pink Enchantress	3.00	25.00
Georgia	6.00	50.00	Harlowarden	3.00	25.00
O. P. Bassett	6.00	50.00	Winsor	3.00	25.00
White Enchantress	3.00	25.00	Lawson Enchantress	3.00	25.00

: : Chrysanthemums for the Commercial Grower : :

YELLOW IVORY, a fine yellow sport of the well-known Ivory; young stock, 2¼-in. pots, ready March 1, **$15.00 per 100.**

MRS. O. H. KAHN, POCKETT'S CRIMSON and **YELLOW MILLER,** fine plants, 2½-in. pots, ready now, **$10.00 per 100.**

MONROVIA, GOLDEN GLOW, MISS M. HANKEY, NELLIE POCKETT, 2¼-in. pots, **$3.00 per 100; $25.00 per 1000.**

We handle over 400 varieties of Chrysanthemums and can fill your order for any amount

Chas. H. Totty, Madison, N. J.

WINNERS

READ THEIR RECORD

Pittsburg, January 26th, 1910

S. A. F. Silver Medal for best vase of 50 not yet disseminated—

MRS. C. W. WARD

S. A. F. Bronze Medal for second best vase of 50 not yet disseminated—

ALMA WARD

Best 100 light pink—

MRS. C. W. WARD

Best 100 white—

ALMA WARD

Special Sweepstake Prize for best vase of any color—

ALMA WARD

FORMER AWARDS

MRS. C. W. WARD

Society of American Florists, Silver Medal, Boston, 1906; The Craig Cup for Best Seedling, Philadelphia, 1906; The Lawson Bronze Medal, Washington, 1908; The Horticultural Society of N. Y. Silver Medal, Sweepstake prize for best 100 blooms, New York, 1909; The Horticultural Society of N. Y. Diploma, for best new variety, New York, 1909.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower, with full center; color deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems, 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market.

Price rooted cuttings: $2.00 per 12; $12.00 per 100; $100.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

DELIVERY FEBRUARY 20th.

ALMA WARD

The Lawson Silver Medal, Toronto, 1907 (No Gold Medal having been awarded); The Lawson Gold Medal, Washington, 1908; The Society of American Florists Silver Medal, Washington, 1908.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter, on strong, erect stems, 36 to 42 inches in length.

Price rooted cuttings: $3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

DELIVERY MARCH 1st.

INVITATION. We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see these varieties growing and to compare their good points with other standard varieties grown under the same conditions.

COTTAGE GARDENS CO., Inc.

QUEENS, LONG ISLAND, N. Y.

U KNOW US! LET'S KNOW U!

"Nothing Succeeds Like Success"

And success comes to the well-booked man—to the painstaking man and the man who knows. It is our aim, as the **Leading Florists' Supply House and Ribbon Specialists**, to keep you posted on all the newest and up-to-date Florists' Supplies and Ribbons.

And in pursuance of that policy, we have issued a Katalog—**the most complete and valuable cyclopaedia** of your business ever laid before you—profusely illustrated and fully priced. You know we are Originators.

As this edition is limited and very expensive, we will mail them only upon request to the trade. Therefore, if you will write us at once, on your printed letter paper, one will be mailed you with our compliments.

Ribbon Specialists
The Leading Florists' Supply House
Importers—Manufacturers—Originators

M. RICE & CO.
1220 Race Street
PHILADELPHIA, PA.

We are now located in our new quarters

With increased space and our **enlarged organization** we trust to merit the **continued loyal patronage** which has contributed to the growth of this business.

Regardless of volume of business

"It's the personal attention in which we excel."

WERTHEIMER BROS., ...The National Floral Ribbon House... 565-567 Broadway, at Prince Street, **New York City**

Mention The Review when you write.

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved **WREATHS, MOSS WREATHS** and **METALLIC DESIGNS.**

L. BAUMANN & CO.
359 W. Chicago Ave., CHICAGO

JOS. G. NEIDINGER
1513-15 Germantown Avenue, PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
Wheat Sheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

H. D. MANN CO.
Chiffons, Ribbons, Silk Cords, Violet Ties, Brass and Silver Fern Dishes and Jardinieres
A Full Line of Florists' Supplies
105 Canal St., SYRACUSE, N. Y

Feb. 3 Fill in your name and mail us this blank.

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

.....Name

.....Address

Lion & Company

Manufacturers of the Colonial Brand of

RIBBONS and **CHIFFONS**

114-116 Spring St., **New York**

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

VALENTINE'S AND THE FLORIST.

Business Comes to Those Who Plan for It.

One of the special flower days which has developed rapidly in the last few years is February 14, Valentine's day.

It is worth while noting right at the start that the increase in Valentine's business, like the increase in Christmas trade, and the increase in sales in season and out, has come to those retailers who have worked for it. An advertiser recently remarked, "You get out of a business just about what you put into it." There is more truth than poetry in that, and it seems specially applicable to the retail flower business. The retailer who puts thought and effort into his business, takes out of it not only profit but satisfaction. A good many people are content with profit, but those who get satisfaction as well as profit find business is a pleasure instead of drudgery.

To get profit out of the Valentine's business, thought must be put in right now; don't delay another day: Lay your plans for advertising. Figure out your window decoration. Take account of the boxes, ribbons, violet ties and other requisites you have in stock and get off an order at once for those you need. Make sure of your supply of seasonable plants and cut flowers. Consider your delivery facilities.

When these things are in shape, then, and only then, are you ready for the selling end.

The Violet the Flower of the Day.

These special flower days mean much to those who prepare for them and advertise them, and they mean little to those who simply sit with folded hands. First of all we must have something to sell, and for special days it must be something suitable to the occasion. There has been a wonderful increase in the sale of violets for valentines. Last year all the leading stores in every city through the country sold thousands of violets, and as a general thing found their supply inadequate to meet the demand. The better class of stores now put up their violets in most elaborate fashion. Reproduced on pages 8 and 9 are illustrations showing one of the ways in which the Fleischman Floral Co., Chicago, puts up its corsage bunches. Fleischman calls the dress shield a lacette, which is as good a name as any and a great deal better than calling it merely a shield. One of the illustrations shows the back of the bunch made up for delivery. This is the back of the shield and it will be noted that the Fleischman name appears on it. The other picture shows the front of the bunch with the lacette just peeping over the edges, with the ribbon and corsage pins, all complete, ready for going into the special violet box.

George Wienhoeber, manager of Fleischman's, claims the credit for having invented this corsage shield that he calls the lacette. He says the first one he ever saw was made in the Fleischman store to meet the needs of their trade, but now practically every ribbon house carries a large line of these, just plain shields and more elaborate ones with lace edging.

Trade-mark Your Work.

When the supply houses began offering these corsage shields to florists, offering to stamp the florists' name in gold letters on the back, a good many of the better-class stores were afraid to take advantage of the advertising opportunity. They were afraid it would not please their hightoned patrons to find an "advertisement" on the back of the bouquet. Mr. Wienhoeber, when asked about this feature, said that the name on the lacette is just like the name on the box, or the uniform on the messenger, or like the fancy delivery outfit; the same thing which prompts many people to send flowers from the best known society florist of the town makes the leading florist's name or "trade-mark" a satisfactory addition to the dress shield. In other words, if the florist has established a reputation, people who send gifts are glad to have the florist's name associated with them.

Use Special Violet Boxes.

Of course, it is not every store that sells high-priced flowers for St. Valentine's day, but the special violet boxes are so cheap that any florist can afford to use them, and they never fail to add to his trade. People who send gifts as valentines insist that they must be delivered in the most attractive shape. A special box that will hold fifty violets can be bought for $2 to $3 per hundred, and from those prices the range goes upward to where the boxes cost as much as you please and cannot be "thrown in" with the sale of a bunch of flowers. Last year possibly the most popular box was the red heart-shaped one, which is available in several sizes. As the box-makers do not care to carry these over from one season to another, the use being practically limited to St. Valentine's



St. Valentine's Advertising of a Buffalo Retailer.

day, not many were made up in excess of early orders, so that at the last moment it was impossible to find these heart-shaped boxes. This year a large early business has been done in them. While the combination of red with the blue of violets may not appeal to the color critics, it seems to touch the public eye, and there is no box which is more effective for trimming St. Valentine's day windows.

Advertise If You want Business.

Every retail florist ought to do more or less regular advertising in the best newspaper in his town. Gradually retail florists are coming to appreciate the enormous power of well directed advertising and, as they awaken to its possibilities, they are coming to employ the newspapers more and more. S. A. Anderson, Buffalo, is one of those who prefers to use liberal spaces at special seasons, instead of regular daily or weekly advertisements. Reproduced on page 7 is his 1909 St. Valentine's day advertisement. It appeared in the best newspaper in Buffalo for a couple of days before St. Valentine's and W. A. Adams, of the Anderson establishment, says it aided materially in increasing the business for that day, which exceeded all previous records. The Review commends the advertisement not only for its good display, but for the fact that it contained a price list. It often is argued that the people who buy flowers are persons of means and are not so much interested in prices as are the customers of the department stores. This may be true of the trade of a few high-class stores, but the average florist will find that he cannot increase his business so fast in any other way as by educating the people to the fact that flowers are not prohibitive in cost. Where one customer may be turned away by any "cheapening" of flowers through advertising their prices, there are hundreds who will be awakened to the fact that they can afford these best-of-all valentines.

Valentine's day is February 14. This year it falls on Monday, a little disadvantageous for selling, but counterbalanced by the fact that many valentines will be sent on Sunday, as well as on Monday. Plan to do something toward exploiting flowers as valentines, and plan it now. Then when St. Valentine's day arrives devote your best energies to seeing that the customers get their flowers in absolutely the best condition of which you are capable. When customers are pleased, the florist finds satisfaction in his business, and with satisfaction comes profit.

McKINLEY DAY.

Since McKinley day, January 29, has ceased to be considered by florists as a flower holiday justifying a raise in prices it has been growing steadily in value to those who make an effort to increase their sales that day at regular prices; indeed, quite a few stores that usually get 75 cents a dozen for carnations have found it good business to sell them at 5 cents each January 29. This year, as usual, Gen. Robert P. Kennedy, head of the Carnation League of America, sent out notices to the press calling attention to McKinley's sixty-eighth anniversary and the custom of honoring his memory by wearing "the people's flower." This, with what advertising the florists did and the work of some other patriotic bodies, made a quite noticeable call for boutonnieres, more in some places than in others, but welcome business wherever it showed. In no wholesale center was the carnation business last week any the less because of McKinley day, and it is in poor taste to belittle the day just because it didn't amount to as much as was expected the first year or two. Have it understood that carnations can be had at wholesale at not over $3 per hundred, and the retailers will in a few years work up McKinley day to a point where there will be a demand for every flower available.



Back View of Fleischman's Corsage Bouquet of Violets.

BOSTON RETAIL BUSINESS.

Now that the activities of the social season are at their height, it is interesting to note one thing in which the winter of 1909-10 is achieving a record which has not been equaled by any other winter of the past ten or fifteen years. This is with respect to the increase in the use of flowers for personal adornment at house affairs, at the opera and the theaters and at large balls and parties. William E. Doyle, Thomas F. Galvin, Hoffman, Newman, and, in fact, all the leading florists, declare that more orchids, for instance, and the same is true of other expensive varieties of flowers, have been used this winter than in any preceding two; that bouquets in general are on a grander scale as to size and richer as to blooms used. Good flowers constitute the rule, and, of course, the cost is enhanced. But as a compensation for the additional outlay in money there is the decidedly enhanced esthetical gain. The custom of floral New Year's remembrances is growing year by year. The opening day of the present year witnessed greater activity among Boston florists in filling such orders than any former one within their memory. The gain was in the best varieties, such as orchids, lily of the valley, gardenias and other like choice flowers. Good roses also have been much used. It is expected that Valentine's day will see another large increase, violets and sweet peas sharing in the gain.

DELIVERING CEMETERY ORDERS

In the Review of January 13, page 5, J. Dunstan asks the readers of the paper for suggestions regarding the delivery of cemetery orders in cases where there is no regular attendant to take care of the grounds or receive the flowers, and where the florist, after losing valuable time in hunting for the right lots, is not unlikely to discover, after all, that the flowers have been misplaced or afterward stolen. In reply I have the following idea to offer:

Provided a record has been kept of the burials, I would suggest that Mr. Dunstan go to the superintendent or person having the cemetery in charge, borrow a map of the grounds and make a copy of it or have one made, to be retained for his own use. Then his customers could give him their lot number or point out the lot or grave to him on the map. If no record of the burials has been kept,



Front View of Fleischman's Corsage Bouquet of Violets.

however, then Mr. Dunstan is in serious trouble. R. GRAY.

DEPARTMENT STORE SCHEME.

Baltimore retail florists are feeling the competition of a department store that is pushing for business for its florists' department at prices which can not possibly afford a profit, to itself or anyone else. Few department stores are in a position to sell flowers, quality for quality, any cheaper than the average florist can, so that florists would not object to the big stores' flower departments were it not that in not a few instances they are run without thought of profit, merely to show how cheap their prices are, for advertising. Where the flower department is run solely for profit, as it is in a few high-class department stores, the florists welcome such competition, for the department store is an educator of the public. The Baltimore store referred to, however, comes pretty near crape chasing. All death notices in the local papers are followed up by mailing a circular headed, "Plants and Flowers Within the Reach of Everyone; if advertised elsewhere, it's cheaper here." Then there are prices on some staple articles, like "palms, 9c up," but the real meat in the cocoanut is the list prices under the head, "Leave your order for funeral designs of artificial or natural cut flowers." These are some of the prices: "Crosses, $1.50 up; gates ajar, $2.50 up; anchors, 75c up; wreaths, 39c up; crescents, $1.50 up; pillows, $1.29 up; chairs, $2.29 up; sago palm bouquets, $1.50 up; palls, $5 up."

Think of a wreath at 39 cents! What a credit to the florist it must be! And a pall at $5! The Baltimore florists wonder what people think when, after receiving this circular, they visit a flower store and are asked from $5 up for a wreath, or from $50 to $300 for a casket cover. The REVIEW ventures the opinion that, with the majority of flower buyers whose trade is worth having, whatever the people think is disparaging to the department store. Of course some of the smaller stores may be hurt, but not the leaders. Any person of sense knows that a 39-cent wreath is not worth having, and no one goes to a notoriously "bargain-counter" store when wanting something good.

NOVEL ADVERTISING.

E. R. Tauch, a retail florist of Marquette, Mich., sends the REVIEW the following new plan for advertising, which he uses in addition to the daily papers:

He has had printed 1,000 picture postcards for each month of the year (12,000 cards in all). Each thousand cards carries a picture that is particularly applicable to the month for which it is issued and a sentence or two calling attention to the name, address and telephone number of Mr. Tauch's store, which is printed at the bottom of the card.

These postcards are distributed in the dormitories of the Normal school, and, as they are quite attractive, the students are glad to send them to their friends, thus giving pretty complete distribution to the advertisement at no cost for stamps.

The high schools might easily be used in such cities as have no normal school.

EARLY ASTERS.

I intend to grow some asters in the greenhouse and want to have the flowers by June. When must I put in the seed? What varieties are best adapted for culture under glass? What distance apart should they be planted? How many flowers should be allowed to the plant to produce first-class blooms? H. S.

I am afraid you cannot get any of the asters to flower satisfactorily as early as June. Sow seeds at once of such varieties as Queen of the Market, one of the most reliable; Hohenzollern and Early Comet. I have found the first named the most generally satisfactory. Plant in the beds or benches ten inches apart each way. For general retail trade we would not disbud or reduce the number of flowers at all, except in the case of Comet or American Branching. All depends on how fancy a price you can get. I have grown one flower to a plant, as you would mums, and retailed them at $1 per dozen, but this does not pay as well as having a larger number of smaller flowers.

When disbudded to a single flower, of course, plants can go as close as six inches apart, but the undisbudded ones will give you the most money. Treat as you would chrysanthemums in regard to soil, watering and general culture.

C. W.

[In the REVIEW for January 20, page 8, there was a note telling how a reader planted in February and had asters in bloom in May.—Ed.]

SEED FLATS.

The time is rapidly nearing when quantities of seed flats will be needed. Do not wait until the seedlings are ready to prick off and then wish you had remembered to make a lot of flats while the weather was inclement and work less strenuous. Probably a large part of last season's boxes will be all right if they have been kept under cover. Some may need a new end or side to make them as good as ever.

Get lumber to make as many boxes as you think you will require. From three to four inches is a suitable depth, with twenty-four to thirty inches for length and twelve inches as a suitable width. Everything depends on the sort of shelf there may be. In some cases they can go wider, but it is unwise to make them so long as to be needlessly heavy to handle. Leave a half-inch space each side of the middle bottom board, for drainage. This is better than making a tight bottom and then having to bore drainage holes. All flats should have ample drainage. The better they are drained, the healthier will the plants be.

MIDDLETOWN, CONN.—George Batty, of the Beebe greenhouses, has opened a branch store on Main street. The new store is conveniently located and will be a great aid to Mr. Batty's business.

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There was hardly a vacant seat in the room, the local florists attending in numbers to welcome their guests, many being accompanied by their wives and daughters. The presence of the ladies added greatly to the brilliance of the scene and the enjoyment of the occasion.

Having provided so bright a setting, an elaborate menu was served. The copper-plate cards were examples of the best in printers' art, and the courses as follows:

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Blue Points
Celery Radishes Olives
Cream of Chicken
English Sole Tartare
Sweetbread Patties French Peas
Punch Benedictine
Filet Mignon Bearnaise
Roasted Potatoes French Mushrooms
French String Beans
Pittsburg Salad
Biscuit Tortoni Fancy Cakes
Cheese and Toasted Crackers
Coffee Cigars

While the dinner was in progress the Carnegie Tech Glee Club, a chorus of some thirty-five voices, sang a long program of college, drinking and popular music. Interspersed among the three minute talks which followed the cigars were solos by Miss Robinson and Mr. Mason, the former especially having a voice so pleasing that Toastmaster Wm. Falconer was forced to forbid further encores in the interest of adjournment before breakfast. The musical program merits closer attention than is possible when "It's always fair weather when good fellows get together."

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From a palace vast and splendid,
Offers standing invitation to the traveler to step in,
If today you chance to enter,
Guided by some knowing Mentor,
You will find a bower of loveliness to Paradise akin.
There in friendly contest meeting
And for honors high competing
Are the kings of horticulture, with ambitious pride aglow,
Each his best endeavor making
To achieve a record-breaking
And astounding grade of merit at the Prize Carnation Show.

Oh, the gems that they're displaying,
By their wizardy essaying
To excel the work of nature, as apparently they do,
Since their art today discloses
Blooms as fine as Beauty roses
And with nuances of color which Dame Nature never knew.
There's the glorious Perfection,
With its snowy-white complexion,
And the Mrs. Thomas Lawson, with its rose tint, and, oh,
There in all its gay bravado
Is the golden El Dorado,
And the scarlet Craig illuminates the Prize Carnation Show.

There's the pink Enchantress beaming,
And the Daheim darkly gleaming;
There's the Victory, the Manley and the daint Queen Louise,
And a host of new ones render,
By their fringed and penciled splendor,
Joy unbounded to the connoisseur who raves o'er blooms like these.
And our town is in the running;
Hands that never lose their cunning
Vindicate the fame of Pittsburg and let all our neighbors know
That we're up in floral science.
Hence with joyous self-reliance
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And astounding grade of merit at the Pittsburg Carnation Show.

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Since their art today discloses
Blooms as fine as Beauty roses
And with nuances of color which Dame Nature never knew.
There's the glorious Perfection,
With its snowy white complexion,
And the Mrs. Thomas Lawson, with its rare tint, and, oh,
There in all its gay bravado
Is the golden El Dorado,
And the scarlet Craig illuminates the Pittsburg Carnation Show.

There's the pink Enchantress beaming,
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There's the Victory, the Manley and the dear Queen Louise,
And a host of new ones render
By their fringed and penciled splendor,
Joy unbounded to the connoisseur who sees o'er blooms like these.
And our town is in the running,
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generation will have to do will be to take things easy in the finest business in the world. But the toastmaster said the real reason why Mr. Randolph was making florists of his boys is that out of his greenhouses and store he is making more good, clean money than half the lawyers and doctors in Pittsburg are able to make at their professions.

E. C. Reineman said every town, no matter how small, should have a florists' club, to make for better acquaintance and put an end to petty jealousies. He gave Mr. Falconer a large part of the credit for the success of the Pittsburg club.

According to W. F. Kasting, the carnation is a potent political argument. He told of the Buffalo man who gave carnations and won the nomination, but did not give them afterward and lost the election, referring also to Peter Reinberg's fame as the carnation alderman of Chicago.

W. J. Vesey told some stories about the ladies and said their presence is one of the pleasantest things about the A. C. S. banquets.

F. E. Dorner said that what we are driving at, other than gold medals, is gold dollars, and that the greatest stimulus the trade has is the reward to be won by pleasing critical women.

Prof. Judson, of Cornell, took occasion to pay his respects to Burbank in a fashion that would have made the occasion a pleasant one for Patrick O'Mara, had not that gentleman's business engagements compelled him to continue his journey.

Silver-tongued Robert Craig, one of the most popular after-dinner speakers in the trade, spoke of the past and the men who are gone, and T. P. Langhans, of Pittsburg, expressed the pleasure the local people had felt at having so many and so appreciative guests, and their regret that the meeting, so long in anticipation, was so soon over. The applause he received showed how well the evening had been enjoyed.

W. P. Craig presented the final resolutions, setting forth in due form the society's sense of obligation for the many courtesies extended it and its members during their stay in Pittsburg.

Jottings.

Wm. Nicholson went west after the convention, visiting the Dorners and others. Mr. Nicholson has a daughter living in Chicago.

Nic Zweifel and H. V. Hunkel, the Milwaukee delegation, did not wait for the banquet, but made an early start for New York after they found they would have to wait till 1911 for a carnation convention for the Cream City.

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Therefore, be it resolved, that in accepting this resignation we desire to place on record our appreciation of his long and valued services to the society and his unbounded liberality with the office.

We part with him with the greatest regret, which we feel sure will be shared by every member of the society.

It is only our consideration for his impaired health, which we are assured is due to overwork in his many interests, that compels us reluctantly to accept his resignation at this time.

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ASTERS UNDER GLASS.

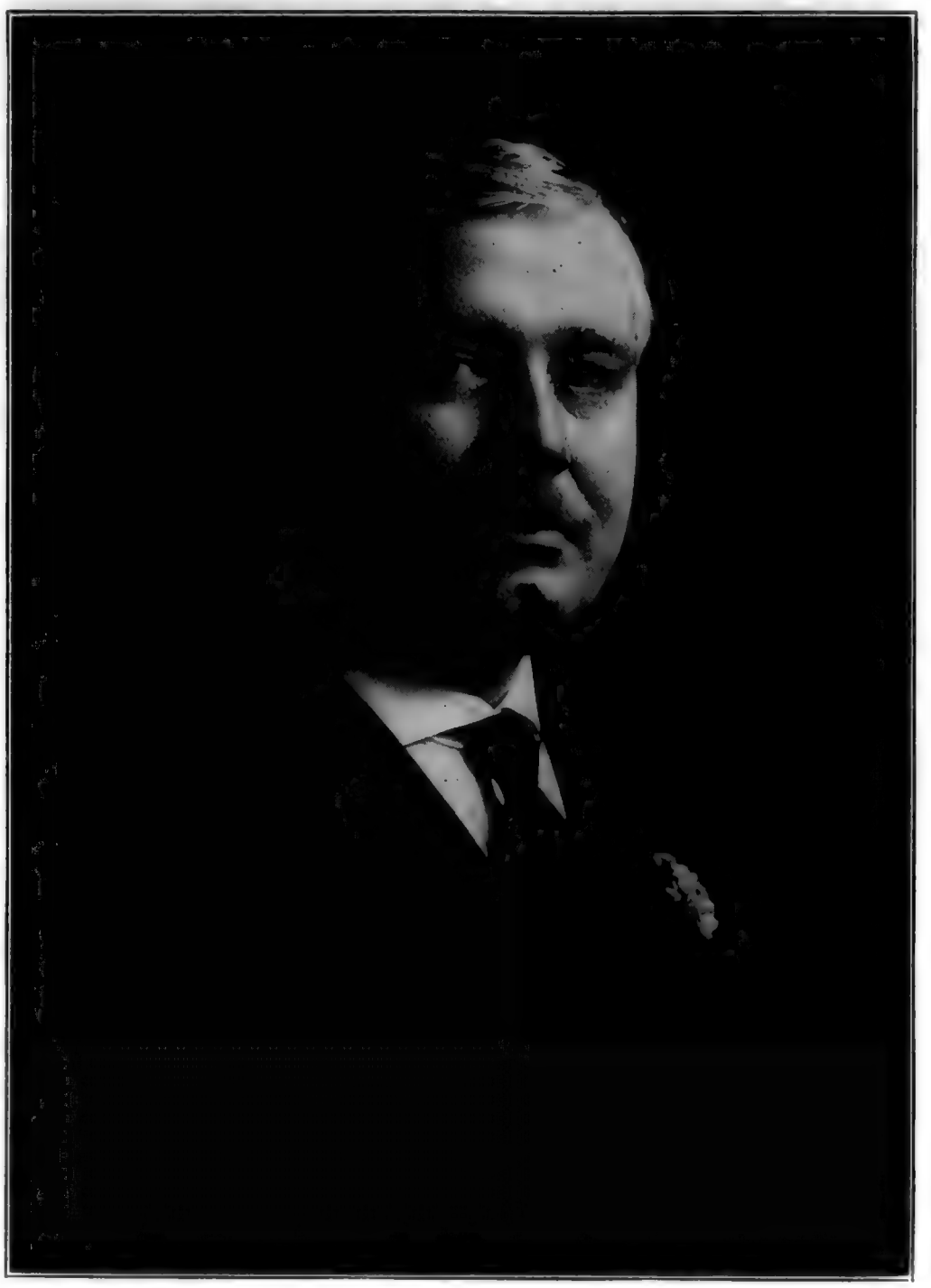
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M. Stauch, formerly general manager for the Joy Floral Co., Nashville, Tenn., but now visiting his native country, Germany, writes interestingly as follows, under date of January 7:

"Thank you for your promptness in forwarding the REVIEW. I arrived at my old home—Kallstadt, Rhein-Pfalz—on Christmas eve and found everything lovely. The weather here has been remarkably mild. Thus far, there has been no snow and hardly any frost. I am having a fine time; nevertheless, it does not feel like America and I am beginning to get homesick.

"I have seen some of the large places at Hamburg and a few at Berlin. They are nothing compared with our American greenhouse places, though there is no one in America, I suppose, who grows as much valley as Neubert, at Hamburg. I shall leave this vicinity soon and try to see some of the ranges where cut flowers are largely grown. Berlin and Hamburg get practically all their roses and carnations from southern France. They make a poor show in comparison with American flowers. Yet I saw some nice begonia plants, as well as Dutch hyacinths and some others. The Dutch hyacinths are grown in southern France and show good spikes. There is also a considerable quantity of lilac forced for Christmas."

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generation will have to do will be to take things easy in the finest business in the world. But the toastmaster said the real reason why Mr. Randolph was making florists of his boys is that out of his greenhouses and store he is making more good, clean money than half the lawyers and doctors in Pittsburg are able to make at their professions.

E. C. Reineman said every town, no matter how small, should have a florists' club, to make for better acquaintance and put an end to petty jealousies. He gave Mr. Falconer a large part of the credit for the success of the Pittsburg club.

According to W. F. Kasting, the carnation is a potent political argument. He told of the Buffalo man who gave carnations and won the nomination, but did not give them afterward and lost the election, referring also to Peter Reinberg's fame as the carnation alderman of Chicago.

W. J. Vesey told some stories about the ladies and said their presence is one of the pleasantest things about the A. C. S. banquets.

F. E. Dorner said that what we are driving at, other than gold medals, is gold dollars, and that the greatest stimulus the trade has is the reward to be won by pleasing critical women.

Prof. Judson, of Cornell, took occasion to pay his respects to Burbank in a fashion that would have made the occasion a pleasant one for Patrick O'Mara, had not that gentleman's business engagements compelled him to continue his journey.

Silver-tongued Robert Craig, one of the most popular after-dinner speakers in the trade, spoke of the past and the men who are gone, and T. P. Langhans, of Pittsburg, expressed the pleasure the local people had felt at having so many and so appreciative guests, and their regret that the meeting, so long in anticipation, was so soon over. The applause he received showed how well the evening had been enjoyed.

W. P. Craig presented the final resolutions, setting forth in due form the society's sense of obligation for the many courtesies extended it and its members during their stay in Pittsburg.

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SEASONABLE SUGGESTIONS

Easter Lilies.

It is now time for the lilies intended for Easter to commence showing their buds. It should be possible to count the buds on the shoots by February 15, in which case, if given a night temperature of 60 degrees, they will be in season. It may be possible to bring in quite a number that do not show buds thus early, but such should be afforded more heat at once; 70 to 75 degrees at night for the more backward ones is not too high. It may make them a little more leggy, but the extra price to be had at Easter will compensate for a little special effort. In answer to inquiries as to whether plants now four to six inches high will flower for Easter, our answer will be decidedly "No." Better hold these cool; they will come in for funeral work from time to time after Easter.

Keep the pots well watered; spray the backward ones several times a day and use manure water to keep the foliage in a dark green, healthy condition. The plants will require considerable moving around during the next few weeks to have them come in uniformly. Be sure not to crowd the plants unduly, or poor foliage will result.

Deciduous Flowering Shrubs.

Lilacs can be flowered in a brisk heat within a month. To have plants with nice foliage for Easter, start them now. Deutzias, wistarias, prunus, pyrus, Magnolia stellata, Azalea mollis and other varieties should all be placed in heat now. Syringe freely until the shoots break. Any hard forcing is better done before the flowers start to open. At the latter stage they should be moved into a lower temperature, to give the flowers substance.

Cyclamens.

There is some sale for cyclamens at Easter, and this year, owing to its early date, March 27, there will be some nice plants in flower. It will be necessary to keep the plants cool and well ventilated, and after the middle of February the best place for them will be a north house, where they will be effectually screened from the sun's rays.

Little plants intended for flowering next Christmas, or later in the season, will want some attention now. Cyclamens do not succeed in widely fluctuating temperatures. A night reading of 54 to 56 degrees is a happy medium, with a 10-degree rise in the daytime with sun heat. Any seedlings still in flats will require potting off, if this has not already been done. In potting, be sure to always leave the upper part of the little corm above the ground. For soil at this stage a mixture of loam, leaf-mold and sand will suffice. To grow cyclamens well, these points should be considered: Constant heat, a moist atmosphere, free drainage and an ample water supply. Air should be applied, but not in the nature of a draft. Insect pests should never be given any quarter. A spraying once a week with a reliable nicotine solution will keep the plants clean.

Rambler Roses.

With only about seven weeks until Easter, the ramblers should now be pushed along if at all backward. A light, sunny house, kept at about 60 degrees, will bring them along all right. Any which are apparently a little early can be retarded in a cool room. The pots should now be well filled with roots, and a top-dressing of Clay's fertilizer or liquid manure once a week will add to their vigor. Let the plants stand so that they will not be crowded, and thus they will be much more salable at Easter. Crimson ramblers were at one time the plants par excellence. Nowadays the pink forms, such as Lady Gay, Dorothy Perkins, Tausendschon and Farquhar, are much more popular.

Sweet Peas.

The early batch of sweet peas, now at the height of their flowering season, will require some feeding to keep them in good condition. A top-dressing of a good brand of pulverized sheep manure is a safe stimulant to use. We say "a good brand" advisedly, as there are some on the market of low quality. If you are buying two or three brands of sheep manure, put an equal amount of each in a pail or tub and allow them to stand a day or two. You will be able to form a tolerably accurate idea then as to which is the best.

All the sweet peas are now growing faster with the lengthening days, and it will not do to neglect running the strings around them every few days. At this season any of the outdoor varieties can be sown for a late crop under glass. Among these, such sorts as Miss Willmott, Helen Lewis, white and pink Spencer, Lady Grisel Hamilton, Frank Dolby, Dorothy Eckford, Gladys Unwin and Helen Pierce will be found popular colors. The call for scarlet, crimson, purple and maroon shades is light. A night temperature of 48 to 50 degrees will answer well for plants in flower.

Verbenas.

As between propagation of verbenas by cuttings or from seed, we have a decided preference for seedlings. They possess greater vigor and give a better account of themselves when bedded out than plants propagated from cuttings. In the case of special varieties, as, for instance, that charming pink, Miss Willmott, recourse is usually had to cuttings, but seed of good quality is procurable in separate colors, and if a really good strain is bought the number of rogues are surprisingly few. Verbenas and petunias are the two most satisfactory bedding annuals, owing to their persistent flowering qualities. Where stock plants have been carried over, now is the time to get in plenty of cuttings. Seed can also be sown, but, as the seedlings make rapid growth, there is no danger of being too late if the sowing is delayed until even the last of February. Not only are verbenas good for beds and borders, but they are useful in vases, window boxes and baskets, in which they will flower the whole season through.

CARNATIONS

CARNATION NOTES.—EAST.

Propagation.

Conditions will be such, from now on through February, that propagation should occupy the attention of every carnation grower. The plants, if in the shape they should be at this time, are well established, mature, strong and healthy, and are therefore capable of furnishing prime cuttings. The low temperature outside and the consequent steady firing combine to produce conditions exactly suited to the work.

Every effort should be made to secure the required quantity of stock before the sun's higher position necessitates more frequent spraying or increased shading, for while cuttings may root under this treatment, their stay in the sand is prolonged and there is usually some loss of vitality.

The Natural Cutting.

The natural cutting is essentially a side shoot, and the most desirable of these are found on the stem of a flowering branch. Varieties differ in the development and number of these shoots, some presenting several in prime order when the bloom is in condition to cut or even before, while others give but few and these must be left on the plant to gain size.

Not all side shoots borne on flower stems, however, furnish desirable cuttings; generally speaking, those farthest removed from the bud or flower approach nearest the ideal. We reach this conclusion by observing the increased tendency to run to bud in the uppermost side growths.

There might, with good reason, be objections to using some shoots growing at the very base of the plant, owing to their long-jointed or rather spindling nature, but this is a condition brought about by present-day cultural methods—that is, bushy plants, closely set. If commercial culture would permit more space to the plant, it would become at once apparent that these lower shoots, for use as cuttings, left nothing to be desired.

Plants From Which to Propagate.

It is, of course, the desire of every grower to produce blooms of the highest grade possible, and there is no better time to start than at the propagating season, when we may be said to be laying the foundation of next season's work.

The observant grower cannot fail to notice the wide difference in behavior that exists between plants of a variety treated identically, and it is probable that he can select from the number in his care those which from the start have grown sturdily, preserved a neat habit, become reëstablished quickly after housing, and have given bloom, continuously but not too profusely, of first-class quality. Propagation from these would be termed improvement by selection, and, with a large stock of plants, little difficulty is experienced in securing in this way a supply sufficient for ordinary needs.

Propagation of New Introductions.

It is when the desire is to increase stock of a new variety that we are liable to encounter the difficulty of maintaining rigid selection, by reason of the natural inclination to utilize every cutting produced by the plants, of which, as a rule, there is only a small stock at hand. There is, however, even more reason for careful selection here than in the case of an old, standard sort, as the introducer is compelled to confine his attention chiefly to the production of vigorous growth during dissemination year, his work of selection having been carried on during previous years. It would be unreasonable to expect the disseminator of a new variety to send out cuttings selected with the care a grower would exercise in propagating stock for his own use, as the cost of producing such cuttings would render their selling price prohibitive.

True propagation consists of more than increasing stock by the greatest number possible. Quality, rather than quantity, should be the first consideration. Then we would hear less about the running out or breaking down of varieties, which is no doubt largely due to promiscuous propagation under high pressure.

GEO. S. OSBORN.



Adolph Farenwald.

WHY JOIN THE ROSE SOCIETY?

[A paper by Adolph Farenwald, of Roslyn, Pa., read February 1, before the Florists' Club of Philadelphia.]

I have often wondered why so many small rose growers give the Rose Society the cold shoulder. The large rose growers all seem to be members. Why should this be so? Have the small growers no benefit to expect from membership in the American Rose Society, or are they prejudiced against it? Surely there is no cause for either of these reasons. The most of them have not come near enough to see and understand. It is time, then, that they make an earnest effort to see and understand, and by doing so they will soon recognize the value of this organization in the many tasks which it endeavors to fulfill, every one being of vital interest to every rose grower.

As I said before, the large growers are all members. Now, did you ever stop to think why they are? Surely not for the fun of it. They are all too shrewd business men. The money they invest this way must bring them some interest. "Light your pipe," as they say, and think this over; it is worth while.

It is high time that we, as rose growers, took notice that the carnation is pushing the rose into second place in the favor of the public.

It is impossible for me, in this short paper, to go into all the different subjects of usefulness of the American Rose Society, to pluck them apart and hold them up to the searchlight. I will merely confine myself to the yearly exhibition and convention, their value as an education and inspiration.

March 16, 1910, the yearly exhibition and convention will be held in New York city. Now, fellow members, this gives you a fine opportunity to realize the value of such an exhibition as an education and inspiration. Most of us think we grow better roses than the other fellow. An exhibition will open our eyes. Roses that at home we thought wonderful, often diminish decidedly in our estimation when placed in competition with others. Here is the education, if we want to see it. We are in this business for money. If roses are not up to standard, we will not realize on them as we should. This may be a bitter pill to swallow, but it should be the inspiration for a greater and continued effort, which will easily pay in the future for the little time and money it took.

At the exhibition we also have an opportunity to see alongside of the old standards the new varieties. The originators of these new varieties are sure to be at hand, each man eager to explain the strong points of his particular favorite, his rival only too eager to point out the flaws. There, too, you will see many of the brightest lights in the rose-growing profession, from whom you can get valuable pointers. You have the great pleasure of meeting old friends. Besides, the social side of these gatherings has a charm which no one who has ever attended can forget.

While we can read in our trade paper the essays read at the convention meetings, yet we miss the after-discussions and criticisms, which are a most important and essential part of such meetings. Then, too, the enthusiastic arguments of some members, the hair-splitting arguments of others, the sound advice of those who confine themselves strictly to business, so that one fairly sees the dollars sticking out, all combine to make these meetings serve as food for thought for many a day thereafter.

To make this Rose Society a success, it needs the interest and enthusiastic support of all rose growers, large and small, over the entire country.

Every one who grows roses for a living should feel it a sacred duty to belong to this society; in fact, every one interested in roses should belong and help bear out the motto of the society, "A rose for every home, a bush for every garden." Then anyone growing roses for a living who cannot or will not be interested in the work of this society, will be the one who continuously kicks about bad times and prices, and howls about the "good old times." He is a dead one. "Peace be to his ashes."

KANSANS WILL ORGANIZE.

It is announced that the florists in the state of Kansas will organize and shortly will hold a meeting in Topeka for that purpose. Ed G. Bass asks all florists in the state to communicate with Philip P. Willson, 514 Kansas avenue, Topeka, who will act as the attorney in perfecting the organization and incorporation.

THOMPSONVILLE, CONN.—While driving recently to Westfield, Mass., to secure a large boiler to be used in the new greenhouses of the Brainard Floral & Nursery Co., Michael Nash was overcome by the intense cold, but soon recovered.

BEVERLY, MASS.—Mrs. Evans, the owner of the place known as the summer White House, is planning to erect a first-class greenhouse and fernery, besides making other improvements to suit the needs of the President and his family.

EVANSVILLE, IND.

The Market.

Business is good and all are busy. Roses and carnations are fine and not too plentiful. Green goods are only in fair supply. Funeral work is plentiful and keeps coming, and all the florists seem to get about an equal share of it. There has been a goodly number of weddings, also. McKinley day was not well observed here, not nearly so generally as it should be.

January was much warmer than December.

Various Notes.

Emil Niednagel says that his firm has been busy and has had a good supply of roses and carnations.

The Blackman Floral Co. is cutting some extra fine carnations, and they have a ready sale.

Ben Kramer has been busy all along.

J. C. Elsperman is getting a good share of trade. He has been sick for several weeks, but is improving.

Royston & Fenton could use a good many more roses and carnations than they are getting.

Nellie Goodge is up and about again after her illness. E. L. F.

BALTIMORE.

The Market.

Conditions have materially changed since the report of two weeks ago. The weather has moderated; in fact, we have been enjoying a genuine January thaw, with a moderate amount of sunshine and an immoderate amount of fog. The fog did not do any good, but the sunshine helped production to a marked degree. The demand has hardly improved in proportion to the supply and prices are a shade easier.

Business is good for the last week in January, the volume being much larger than during the cold spell of two weeks ago. The demand for carnations has improved, the market being better sustained on all grades and varieties. White was scarce at the end of the week, and reds were exceedingly scarce. Roses are in fair supply and are bringing good prices.

Violets were more plentiful last week and could be had at 50 cents and 60 cents per hundred. The singles are exceedingly fine, but local doubles are only fair. Daffodils are selling well, the supply being larger than a week ago. Freesias are arriving in fine shape. Gardenias have been selling well indeed, and it is doubtful if this market has ever seen such fine stock. Sweet peas are more plentiful; the fine grades are eagerly sought, but the poor grades go begging.

There are odd conditions in the green situation. Stated briefly, bunches of plumosus are scarce and Sprengeri is not wanted at all, and will not be extensively grown another year.

Club Meeting.

At the last meeting of the Florists' Club, R. A. Vincent gave a talk on the summer meeting of the Maryland State Horticultural Society, which will be held at Harrison's Nurseries, at Berlin, Md., and after the meeting is held the members will go to Ocean City, Md., for several days.

Quite a discussion was had as to what was the cause of carnations splitting their calyxes. Some thought it was caused by too high a temperature, while others thought it was caused by too low a temperature.

The next meeting will be held February 14, which is to be carnation night. A large display of new carnations will be seen; among them will be Dorothy Gordon, Alma Ward and Mrs. C. W. Ward. A committee was appointed to look after the novelties when they arrive here.

Various Notes.

Peter Eberhart and Mrs. Wilhelmina Jones were quietly married on Wednesday, January 26, at Catonsville.

Carnation day was well observed here on Saturday and there was a heavy demand for pink, which was McKinley's favorite color. The bronze bust of the martyred president was decorated with pink carnations at the Baltimore postoffice.

Charles H. Cook has just received his greenhouse material for his four new houses, to be erected this spring on his new place at Catonsville. The material was furnished by the A. Dietsch Co., of Chicago.

Frederick Reitz has been cutting some extra fine Golden Spur. He grows about 20,000 every year.

Mathias Thau, of Govanstown, has installed a new boiler to replace the one which burst during one of our cold spells.

Q.

GLEN COVE, N. Y.

The Nassau County Horticultural Society enjoyed its annual banquet on the evening of January 25. President James Doty was in the chair. The vice-president is E. A. Reidenbach, and John Ingram and Oscar Addor are recording and corresponding secretaries. The attendance was the largest in the society's history. From a distance came C. H. Totty and William Duckham, of Madison, A. T. Boddington, Al Rickards, George A. Burnett, W. A. Sperling and J. Austin Shaw, of New York, Mr. Stewart and Mr. Atkinson, of the Tarrytown society, John McNichol, of Cedarhurst, and several of Glen Cove's leading citizens also attended. The decorations were by Alexander McKenzie, gardener to Percy Chubb, in carnations and novel pyramidal centerpiece of valley in wickerwork and moss, the first of its kind. There were several vases of grand carnations by William Eckles, gardener for Mortimer Schiff, and plant decorations by Henry Matz, the local florist.

The year's medals were won by Paul Reul, gold; Valentine Cleres, silver; and George Wilson, bronze, for the highest number of points in the whole season's competition. Each of the winners responded happily or proudly. John Everett, the retiring president, received gold cuff buttons as a token of the club's esteem. The presentations were made by President Doty. J. Austin Shaw acted as toastmaster and referred to the loss of the society and the Island in the deaths of John Thorpe, E. V. Hallock, John Scott, Herman Dreyer and Richard Shannon in the last year. Robert Petrie furnished selections on the bagpipes. John McNichol sang. Al Rickards presided at the piano, and while the formal banquet lasted only from 6 o'clock to 10 o'clock, the subsequent hilarity continued to the wee small hours. C. H. Totty, William Duckham and A. T. Boddington didn't go home until morning. The toasts were all ably responded to, and were as follows:

"The President of the United States," by Harry Hedger, of Glen Cove.

"Glen Cove and Its Horticultural Society," by Frank Bowne, of Glen Cove.

"Our Guests," by D. M. Munge, of Glen Cove.

"The Press," by C. W. Maynard, of New York, and Mr. Davis, of the Glen Cove Echo.

"The Society of American Florists," by A. T. Boddington, of New York.

"The New York Florists' Club," by C. H. Totty, of Madison.

"The Auxiliary Societies," by W. H. Duckham, of Madison.

"Southern Horticulture," by W. A. Sperling, of New York.

"The Commercial Traveler," by A. Rickards, of New York.

"Bonnie Scotland," by William Kinnear, of Glen Cove.

"The Seedsmen," by George Burnett, of New York.

"Tam O'Shanter," by ex-President John Everett.

"The Ladies," by President Doty.

"The Gardening Profession," by Oscar Addor, George Wilson, Alex. McKenzie, John Everett and Messrs. Stewart and Atkinson, of Mamaroneck, N. Y.

J. A. S.

ST. LOUIS.

The Market.

The market conditions last week were excellent. There was plenty of everything except roses, which are still scarce, and the rose shippers to this market say they will hardly be in crop before Lent begins. According to the wholesalers, stock cleaned up well all week and at satisfactory prices, and from that the retailers must have had a busy week, especially so Saturday, January 29, McKinley day, when a large quantity of carnations was sold and the wholesalers were asking as high as $5 per hundred for the best quality. California violets are abundant and have been for some time. Other stock, such as Romans, Paper Whites, callas, valley, Harrisii and sweet peas, is in fairly good supply at the usual prices. Tulips and freesias are scarce. Asparagus, smilax and galax sell well daily.

Various Notes.

J. F. Ammann, of Edwardsville, Ill., Henry Baer, of Peoria, Ill., and Henry Johann, of Collinsville, Ill., made up a party recently and paid a visit to our Belleville florists.

A. S. Halstead, head of the St. Clair Floral Co., Belleville, Ill., spent a day with the trade last week, showing some fine blooms of the Rose-pink Enchantress, Lawson color, of which the company has quite a stock.

Grimm & Gorly were busy all last week at their Washington avenue store. John Barnard, the buyer for the firm, says at their Cass avenue store and at the greenhouses they had plenty of work in all lines.

The Bentzen Floral Co. had the decorations and cut flower work for the Yeatman high school's midwinter graduating class.

A. Werner & Bro. are sending the W. C. Smith Wholesale Floral Co. a large cut of carnations.

R. J. Windler had some pretty window decorations last week. Mr. Windler's store is one of the attractions along South Grand avenue.

In the vicinity of Grand avenue and Olive streets, George Waldbart, the Ayers Floral Co. and Miss M. S. Newman are making window displays which attract a great deal of attention.

The Grand Leader, one of the largest department stores, was the largest buyer at the recent auction sale of the bankrupt stock of the Michel Plant & Bulb Co., which they are advertising in the daily press at cheap prices.

Our Kirkwood growers sent in large

shipments of violets last week. Among the heavy shippers are Hugo Gross, W. J. Pilcher, A. G. Ahner, William Winter and F. W. Ude, Jr.

The Florists' Club meets Thursday afternoon, February 10. This promises to be an interesting meeting. William Smith has his paper on "The Troubles of a Wholesaler" ready. A large attendance is looked for.

Visitor: Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia. J. J. B.

NEW YORK.

The Market.

The weather is springlike, and an increase in shipments is of course inevible. Beauties have been in constant demand. The best of them touched 75 cents at times; 60 cents would be nearer right as an average value of the specials, but all roses sold well throughout last week, and the 4-foot Killarney and Richmond brought figures occasionally that were a surprise to the uninitiated.

McKinley day and the sweet girl graduates took good care of the carnations. Anything worth while commanded 4 cents to 5 cents January 28 and 29. It was carnation week here, as well as at Pittsburg. Orchids are abundant and prices reasonable. Cypripediums, however, do not command the recognition they deserve. Prices fell last week so that they were selling at 10 cents retail in the City of Churches, low enough to make any grower of them irreligious. Valley is down; lilies are up, and violets are stationary at 50 cents and down, and will continue so, one of the authorities says, until Easter. Lent will soon show its shadow and repentance begin; sackcloth for violets and ashes for roses; but the broker and the prima donnas still are here, and marrying and giving in marriage goes on. Of bulbous stock there is no end. Spring flowers in pots already harbinger the spring, even though in the line of weather the worst is yet to come.

The Orchid Section.

The meeting of the orchid section of the Horticultural Society of New York Wednesday evening, January 26, at the Museum of Natural History, New York, was encouragingly attended and in enthusiasm and exhibits a gratifying success. Large and beautiful exhibits were made by Clement Moore, Joseph A. Manda, Lager & Hurrell and the Julius Roehrs Co., and future meetings, of which this was a preliminary only, doubtless will be well attended. Mr. Moore was in the chair and Ed Roehrs acted as secretary. Dr. Kitchen, of Orange, and George V. Nash participated in the discussions. Mr. Nash will give a lecture on the history of the cattleya at the next meeting, with lantern slides, and the following month Mr. Lager will lecture on "Personal Experiences in the Gathering of Orchids." The meetings are open at 7:30, exhibits will be made, and the lectures will begin at 8 o'clock.

Various Notes.

John P. Mallon, senior member of James Mallon's Sons, Brooklyn, was elected last week president of the Tenth assembly district of Brooklyn. What Mr. Mallon does not know about democratic politics is not worth knowing.

Wednesday, February 2, the banquet of the New York and New Jersey Plant Growers' Association took place at the Hotel Astor.

The annual dinner of the Florists' Club has been decided upon for the evening of March 17, and the place is the banquet hall in the new Fifth Avenue building at the corner of Twenty-third street and Broadway. Chairman Sheridan anticipates a large attendance. This is the week of the American Rose Society's convention, and many florists from all parts of the country will be in New York at that time. The banquet room will seat 600.

The Elberon Horticultural Society will enjoy its annual dinner next week, and the usual yearly celebration at Orange, N. J., comes Friday, February 11.

The next meeting of the Florists' Club will be held Monday evening, February 14. In addition to a reception to the ladies, W. H. Taplin will lecture on "The Carnation." A good lunch will be served and an enjoyable evening is assured.

McKinley day was better observed this year than usual. The wholesale florists disposed of enormous quantities of carnations, good stock bringing an average of 4 cents easily; 5 cents was top even for the novelties. The usual notices were in many of the windows. The general public seemed slow to respond to this reasonable sentiment in honor of President McKinley's memory, but each year shows an encouraging increase in the observance of the day.

M. C. Ebel, of the Aphine Mfg. Co., was in Philadelphia January 26 arranging for a public test of his insecticide on February 12 at the new store of the Henry F. Michell Co. These public tests have proved more than satisfactory to the manufacturers, and will be continued. After Philadelphia will come Chicago.

Frank Millang, Jr., who is associated with his father in the wholesale cut flower business in the Coogan building, celebrated his twenty-second birthday Saturday, January 29.

The regular monthly meeting of the directors of the Cut Flower Exchange will be held Saturday, February 5.

O. V. Zangen, of Hoboken, N. J., has sold his interest in the wholesale cut flower business at 52 West Twenty-eighth street to Ralph Gretsch, who has been associated with Mr. Zangen for the last fourteen months and will continue the business at the same address. Mr. Zangen says the seed trade was never so absorbing as now, and he finds it necessary to give it all his attention.

The Greater New York Florists' Association announces its annual meeting February 7 and the distribution of a dividend of ten per cent.

The Greek-American Florists' Association of New York has invited the members of the Retail Florists' Protective Association to attend a beefsteak dinner Thursday, February 3, at Healey's jungle room, Sixty-sixth street and Columbus avenue. George D. Nicholas is chairman of the committee.

President James Wood, of the Horticultural Society of New York, will lecture at the Museum of Natural History on "The Ideas of Horticulture," Wednesday, February 9, at 4 p. m.

Purity continues the popular brand of freesia, and brings the highest price in the New York market. Notwithstanding Rudolph Fischer's departure for California, Great Neck, L. I., where it originated, is still its headquarters in the east, and William Mathews sends large shipments of it daily to Kessler Bros.

John T. Withers, of Jersey City, has started on his tour around the world.

It is reported that the Growers' Cut Flower Co., J. J. Coan, manager, is looking for larger quarters.

Ford Bros. are congratulating themselves on securing the big store at 46 West Twenty-eighth street. There were many applicants. They intend fitting it up thoroughly, and have a three years' lease as an incentive.

The seedsmen all over the city are beginning to reap the first fruits of the enormous catalogue distribution now completed. The demand has begun earlier than usual.

W. E. Marshall is back from a western trip that included Pittsburg and Cleveland.

Al Rickards has been touring Long Island.

George A. Burnett has been absorbing all the banquets and his share of the orders.

Harry Bunyard is back from the carnation convention and enthusiastic over its success and the business prospects.

Schloss Bros. say they are having a great demand for their latest novelty, the silk and lace bouquet holders. Emil Schloss has just returned from their distribution in Boston, Washington and Baltimore.

Wertheimer Bros. are moving this week to their new corner store on Broadway, nearly opposite their present location at 550 Broadway. The new headquarters give this enterprising house double the floor space they had before. The whole second floor over the bank is utilized, and all the conveniences are modern and up-to-date.

Lion & Co. say last year doubled their business.

Robert Wilson says he found his corsage bouquet holders quite as popular in Pittsburg as in Detroit.

David McKenzie, at John Scott's, Flatbush, says his lilies are bringing top prices in the New York market, and that he will have six houses of them for Easter, now only seven weeks away.

Alexander McConnell had the Marjorie Gould reception, the finest floral decoration seen in New York this year. In orchids alone over 3,000 cattleyas were used.

M. A. Bowe has the contract for one of the largest weddings of the season next week.

The Smart Set Floral Co. maintains daily unique window decorations, involving fountains, airships, Japanese goldfish and art vases.

Another flower shop in the Wall street district is to be opened this week, opposite Peter Henderson & Co. and in the Hudson Terminal building.

Messrs. Brant, of Chatham, and Pierson, of Scarboro, the expert rose growers, were in the city January 29, apparently well pleased with the condition of the market and the outlook. Moore, Hentz & Nash handle the Brant & Noe output.

B. Rosens has decided to sublet the store on West Twenty-eighth street and retain his headquarters on Twenty-ninth street another year.

J. AUSTIN SHAW.

POUGHKEEPSIE, N. Y.—Chas. Schaumburg, of the Haggerty Floral Co., was confined to his home for a week by illness.

WALPOLE, MASS.—A. B. Dorr has bought the Williams farm, with greenhouses, located at Pine street, South Walpole, and will build more greenhouses, to be used for cucumber growing.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
THE REVIEW brings results.

VARIEGATED carnations, quite popular in the Boston market, are seldom seen in the western markets.

N. ZWEIFEL, North Milwaukee, Wis., says he will put his new pink carnation, Bright Spot, on the market in 1911.

C. W. WARD, of Cottage Gardens, went last week to the gulf coast of Mississippi, where he will spend the rest of the winter.

AND now the new combination of window glass manufacturers is to be attacked as a trust by the attorney general in Ohio.

THE pure insecticides bill looks good for passage at this session of congress. There seems little opposition, even among insecticide manufacturers themselves.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

THE average grower of cut flowers for the wholesale markets is a specialist, growing only a few things, whereas the grower for home trade must produce a great variety of stock.

THE "Want" and "For Sale" advertisements in the REVIEW are worth looking over. This department has grown, along with the rest of the paper, and there are many good offers there every week.

IT is reported that the Massachusetts Horticultural Society plans remodeling its splendid building in Boston to increase the space available for exhibitions. The contemplated improvements are said to involve the expenditure of $100,000.

THE United States Civil Service Commission announces that an examination will be held March 3, 1910, for the purpose of securing a list of eligibles to be used in filling a vacancy in the position of landscape gardener, engineer of Department at Large, and vacancies requiring similar qualifications as they may occur. Those desiring to take the examination should apply either to the United States Civil Service Commission, Washington, D. C., or to the secretary of the board of examiners in the capital or other large city of each state.

SOCIETY OF AMERICAN FLORISTS.

Department of Registration.

S. Cockburn & Sons, of Woodlawn, N. Y., make application to have the name of their chrysanthemum, previously registered as Dr. Frederick A. Cook, changed to Mrs. Jane Cochran. Public notice is hereby given of the application, and unless objections to the change are received within twenty days from publication of this notice, the change will be made.

H. B. DORNER, Sec'y.

January 20, 1910.

OBITUARY.

Elias Emery.

Elias Emery, known to the trade as a horticultural writer, died at his home in Omaha, Neb., January 23. He was born in Circleville, O., February 26, 1826. He removed to Omaha in 1862 and was a member of the territorial legislature in the early '60s. He engaged in the real estate business till 1884, when he retired from that occupation and devoted his time to horticulture, in which he took a great interest. He made a special study of the rose and wrote a number of treatises on that flower that attracted attention throughout the country. He was also the author of numerous works on horticultural subjects.

Mr. Emery was one of the founders and a charter member of the Omaha Philosophical Society. He leaves three sons, Charles J., of Omaha, and Solon and Elias, of Cheyenne, Wyo.

E. C. Burrows.

E. C. Burrows, well known in the trade in St. Louis, of the old-time firm of Pilcher & Burrows, commission brokers, and a former member of the St. Louis Florists' Club, died last week. The body was taken to the family home in Peoria, Ill., where the funeral took place Saturday, January 29.

H. W. Meek.

H. W. Meek, president of the California Nursery Co., of Niles, Cal., died at his home at Haywards, Cal., January 21. He was one of the best known orchardists and horticulturists in California and he had accumulated a large fortune from his interests. He was 53 years of age and is survived by a widow and three grown children.

CHICAGO.

The Great Central Market.

There has been an excellent week's business since last report. The supply of stock has increased slightly, but not enough to affect the out-of-town demand, which has continued strong, and for the entire week there has been a good market for practically every variety of stock. About the only exception has been the violet, which has not shared in the general favor. There are those of the commission men who say the average price received for violets last week was the lowest of the season to date. At the same time, receipts were not as large as they were a few weeks ago, and the quality of much of the stock is not up to the mark.

Beauties are decidedly on the short side, some of the largest growers cutting hardly more than a single armful per day, but $6 per dozen seems to be about as high as the buyers are willing to go, even for the best stock. Of other roses the supply is slightly increased, at least by comparison to the demand, for the call has been curtailed by the general knowledge that roses are scarce and prices stiff; the out-of-town buyer is using more carnations and more miscellaneous stock and fewer roses; he hesitates to order that which he knows will cost a stiff price if, indeed, his order is filled. White and Killarney continue to have the call, with Richmond going slower than any other variety and therefore being in comparatively better supply; you can get red roses at moderate price when

WE HANDLE THE CREAM OF THE

VIOLETS

Order Now for St. Valentine's Day

WHILE we have a splendid supply of Violets, the prospect is for a heavier demand than ever before for Valentine's Day—so it is the part of wisdom for Retailers to place orders with us now. Send us your order today, or write us about it. Those who place orders now are insured—sure of their supply and protected against rise in price.

Carnations

You will find our Carnations splendid stock—the best varieties in each color—and the quantity sufficient to take care of the largest orders. We want to hear from large users of Carnations who have not previously bought of us. We can make it interesting for all such—not the cheapest, but the best Carnations on this market, and the largest supply.

Sweet Peas

We are now handling large quantities of long, fancy Peas, in white, pink, lavender, and a few of fancy colors. The way the stock is coming in indicates we are going to repeat our last season's success with this specialty. If your trade likes fine peas, better get in touch with us.

Roses

We have fine crops of Beauty, Killarney, Richmond and other Roses, but the demand is so heavy we can only promise to do our best on late orders.

Miscellaneous Stock

Tulips now are in large supply, all colors, fine quality; Daffodils are available in moderate quantity, and we have a fine lot of Jonquils; plenty of Easter Lilies, Callas, Freesias, Mignonette, Paper Whites, Romans. Green goods of every kind; finest Fancy Ferns.

Fancy Valley Always on Hand

We handle the **"Chicago Market Brand"** exclusively. From the recognized leading commercial grower of Valley in the west. Many leading stores will use no other. We can supply any quantity.

Order Early

In times of brisk demand we sometimes have to wire "Can't fill," on a late order, when if the order had been in earlier we could have filled it with ease and to everybody's satisfaction. Order early, before all the stock is sold—give us a chance.

PRICE LIST

AMERICAN BEAUTY	Per doz.
Long stems	$6 00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
	Per 100
Killarney, special	$15.00
" select	$10.00 to 12.00
" seconds	6.00 to 8.00
Richmond, special	12.00 to 15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Maid and Bride, special	12.00 to 15 00
" " select	8.00 to 10 00
" " seconds	5.00 to 6.00
Mrs. Field	4 00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common and split	2.00
Select, large and fancy	3.00 to 4.00
MISCELLANEOUS STOCK	
Violets, fancy N. Y. doubles	.75 to 1.00
" " single	.75
Sweet Peas, fancy	1.50
" " medium	1.00
" " short	.50 to .75
Daffodils, Jonquils	4.00
Tulips	3.00 to 4.00
Valley	3 00 to 4.00
Easter Lilies	per doz., $2.00 15.00
Callas	per doz , $1.50 to 2.00
Mignonette, per doz., 50c to 75c	
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	35 to .50
" Sprengeri	per 100 2.00 to 6.00
Adiantum	" 1.00 to 1.25
Farleyense	" 10.00 to 12.00
Smilax	per doz., $1.50 10.00
Ferns	per 1000, 2.00 .25
Galax, bronze	" 1.00 .15
" green	" 1.00 .15
Leucothoe	.75
Mexican Ivy	per 1000, $9 00; per 100, $1.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Hunt's is the Place

Violets are special with us. **We** have the **finest Home Grown** and **Eastern** in the market. **Valentine Day** is coming. How many are you going to need? **How** about **Boxes, Ribbons** and **Pins**? We have the former in all shapes, also the latest styles in **Ribbons** and **Pins.**

Supply this week is somewhat increased, though quite a shortage in Jonquils and Daffs. Tulips, however, are plentiful. Yellow has the call. We can supply anything to be had on this market.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

BEAUTIES	Per doz.
30 to 36-inch	$3.00 to $5.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00
ROSES (Teas)	**Per 100**
Bride and Maid	$6.00 to $10.00
Richmond, Killarney	6.00 to 12.00
White Killarney	6.00 to 12.00
My Maryland	6.00 to 12.00
Perle	5.00 to 8.00
Roses, our selection	4.00
CARNATIONS, medium	2.00
" fancy	3.00
" extra fancy	4.00
MISCELLANEOUS	
Harrisii Lilies	15.00
Valley	3.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00
Romans	3.00
Jonquils	5.00 to 6.00
Mignonette	4.00 to 8.00
Sweet Peas	.75 to 1.00
Callas	15.00
GREENS	
Smilax Strings per doz.,	1.50 to 2.00
Asparagus Strings each,	.50 to .60
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.35 to .50
Adiantum per 100,	.75 to 1.00
Ferns, Common per 1000,	2.00
Galax "	1.00
Leucothoe	.75
Boxwood lb., 25c	
Wild Smilax $2.50, $3.50 and	4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write

white and Killarney have been entirely cleaned out for the day.

Last week there was an excellent business on carnations. Nobody made any effort to feature McKinley day, but there were nevertheless some nice orders received on this account, for buyers had found they could get good stock at moderate prices. At the end of the week carnation values firmed up and the beginning of this week found a light supply and a stiff market. It is unfortunate that the market should fluctuate as it has the last couple of weeks. No sooner do the buyers become aware of the fact that there is a good supply at prices they can afford to pay than the market stiffens up and they find they are charged higher rates than they expected. The result is to bring in kicks and to shut out orders, whereupon the market falls back to a point lower than where it started. The quality of carnations has been considerably improved by a few days of bright weather. During the long month of dark days the carnations became soft, and many were the protests at the quality of stock shipped; with bright, crisp weather, we are getting bright, crisp stock, the kind that ships well.

Tulips are now in good supply, running the whole range of colors and with stems of usable length. There is an increased supply of callas, and Easter lilies once more are abundant. Not so many Paper Whites are seen, and freesia is not overplentiful. Jonquils, on which many growers scored a failure with their earliest lots, are now giving better results and are more abundant; there also are a few daffodils, and both jonquils and daffodils sell well. Valley meets with a steady demand and some splendid stock is seen. Sweet peas are not increasing in quantity as rapidly as was expected, probably because of the unfavorable weather through January, but some good, long-stemmed stock is now offered in moderate quantities. Orchids are in good supply once more, but prices are well maintained. White lilac sells well.

The outdoor hardy greens are in heavy supply and the price of ferns has been cut at a time when it usually is advancing. Indoor greens are not in large supply.

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, **25c each,** by mail postage paid. **By the dozen, $3.00,** postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.

January Business.

On the whole, January made an excellent record in this market. The first part of the month the supply was unusually large and prices unseasonably low, but after ten days the reverse of the situation became true; supplies shortened more suddenly than often is the case, and prices advanced abruptly. After a week of famine, cuts increased and prices fell, the change affecting carnations more than roses, which latter were higher in price than usual for the balance of the month. In the aggregate the market seems to have done more business in January than in the same month a year ago, but it is open to question if the increase was what the increase in glass area was.

January Weather.

January was a dark month, unfavorable for cut flower production, there being only thirty-four per cent of the possible amount of sunshine. It was not a cold month, but the wind movement averaged sixteen miles per hour and increased coal consumption. The snowfall was 14.8 inches, there being only five clear days, sixty partly cloudy and twenty that were cloudy.

Various Notes.

J. A. Valentine was in Chicago for several days this week on his way home from Pittsburg.

Klehm's Nursery has been sending Novelty tulips to Kennicott Bros. Co. for

The Public Aphine Tests

Held in New York in December, and in Boston in January, have given such satisfactory results to the manufacturers of Aphine, that another test will be held in Philadelphia on Lincoln's birthday, February 12th, 1910.

Further particulars in next week's issue.

If you are not familiar with the new insecticide discovery, APHINE, send for descriptive circular.

If your supply house does not yet handle APHINE, write us for names of nearest selling agents.

Aphine Manufacturing Co.

Madison, N. J.

Always mention the Florists' Review when writing advertisers.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

CARNATIONS

Are in good crop and quality of the highest--none better can be grown

Fancy Roses

Our Roses are fancy quality, no matter what the length of stem--the best Roses that can be produced. If you want something out of the ordinary, order our "extra special" grade. Nothing like them on this market.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$6.00
36 inch	5.00
30-inch	3.00
24-inch	2.50
18 to 20-inch	2.00
15-inch	1.50
Short stem	1.00

ROSES		Per 100
Maid, Bride, Perle, select		$12.00
" " " long		10.00
" " " medium		8.00
" " " short		6.00
My Maryland, extra select		15.00
" long		12.00
" medium	$8.00 to	10.00
" short		6.00
Richmond, Killarney, W. Killarney ....select		15.00
" " " long		12.00
" " " medium	8.00 to	10.00
" " " good short		6.00
Good short stem Roses		6.00

Our Extra Special grade of Roses charged accordingly.

CARNATIONS		Per 100
Extra fancy		$ 4.00
First quality		3.00
Splits		2.00
HARRISII		20.00
TULIPS		4.00
NARCISSUS PAPER WHITE		3.00
SWEET PEAS	$0.75 to	1.00
VALLEY	3.00 to	4.00
VIOLETS	.75 to	1.00
MIGNONETTE, large spikes		6.00
FREESIA		4.00
ADIANTUM		1.00
ADIANTUM CROWEANUM, fancy		1.50
SMILAX	per doz., $2.00	
SPRENGERI, PLUMOSUS SPRAYS		3.00
PLUMOSUS STRINGS	each, 60c	
FERNS	per 1000, $2.00	
GALAX	" 1.00	
LEUCOTHOE	" 7.50	1.00
Wild Smilax	per case 5.00	

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

nearly two weeks, and they have sold about as well as in previous years, notwithstanding that dozens of growers now are handling this variety.

The Florists' Club will hold its monthly meeting Thursday evening, February 3, at the Union restaurant. The new officers will be installed.

John Sinner, manager of the Flower Growers' Market, was on the sick list for several days last week.

A. L. Randall has been on the sick list this week.

Among the week's visitors were Christ Lund, of Wausau, Wis., and H. C. Soelke, a former employee of H. F. Halle, who is now with Podesta & Baldocchi, San Francisco.

The carnation exhibited at Pittsburg under the name of Kathleen B. W., without owner's name, was sent by Fred Schramm, Arlington Heights, Ill. It is a sport of Lawson, something the color of Rose-pink Enchantress.

Winterson's Seed Store has been undergoing redecoration this week.

Fred Klingel, formerly in charge of the books at George Reinberg's, is now office man for John Kruchten. Temporarily Mr. Reinberg's books are in charge of his daughter, Mrs. Krueger.

E. C. Amling says advices from Rhinebeck indicate that there will be no specially heavy supply of violets for Valentine's day, while his advices from the retailers indicate a specially good demand.

Paul Berkowitz, of Bayersdorfer & Co., is in town.

Vaughan & Sperry say that William Dittman is an exceedingly fortunate grower just now, having a good crop of Beauties when they are most needed.

Allie Zech, of Zech & Mann, has completed two weeks of jury duty in the criminal court, and says it gave him a new idea of the things that are going on around town. He stood for the full penalty in one case, until the jury agreed to

VIOLETS For St. Valentine's Day, February 14

Our Violets are Famous. Home Grown—they have a Violet Odor

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
CARNATIONS, the stock that fears no competition. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write.

give the man forty years in the penitentiary, and in another case two men got twenty years each.

The Moninger Co. reports the completion of the fine range of conservatories it has been building at Lake Forest, on the Louis F. Swift estate, where Mr. Francis is gardener.

Theron Brown is now with A. Lange.

W. E. Lynch, at E. H. Hunt's, says the buyers like A. C. Brown's new carnation, Superba.

Henry Van Gelder is one of those who comments on the better success of the growers with their later batches of jonquils.

Ned Washburn is convalescing and able to be out a while each day. By the latter part of the month he hopes to be strong enough to go to California with Mrs. Washburn for a few weeks' visit. By a coincidence his grandfather, O. P. Bassett, and Mrs. Washburn's grandfather are both wintering at Pasadena and play golf together nearly every afternoon.

Poehlmann Bros. Co. is much pleased with its success with valley this season.

The Greek who operates as the White House Florist has opened a branch store at 189 Wabash avenue until a permanent tenant is found.

The A. F. Amling Co. states that the contract for its range of six new Beauty houses has been let to the A. Dietsch Co.

Peter Reinberg is cutting quite a few Bride, but his Killarneys, which were in such heavy crop for Christmas, are off.

C. W. McKellar says the approach of February 14 is apparent in the orders for Valentine's specialties.

Visitors to the carnation meeting at Pittsburg met Henry Klunder, formerly of Chicago, who is working in one of the retail stores there. Wm. Wienhoeber, youngest son of E. Wienhoeber, also is in Pittsburg, learning the flower business in the store of H. L. Blind & Bro.

Kyle & Foerster say that after being four months in business they find themselves much farther along than they had hoped to get in so short a time.

W. J. Smyth says this was the best January he ever has had. Mr. Smyth now walks without the aid of his cane.

A wonderful new White Sox ball park was started this week on the lot back of the Kidwell greenhouses at Thirty-fourth and Wentworth—but the greenhouses are to remain.

J. H. Lindenberger, of the Kentucky Tobacco Product Co., Louisville, Ky., has been in town several days, calling on growers in company with Mr. Taylor, the regular representative in this territory.

The Wittbolds had the Coliseum decoration for the automobile show, using large quantities of greens.

Bowling.

In the Florists' Bowling League Janu-

WESTERN

ORCHIDS

Chas. W. McKellar CHICAGO

51 Wabash Avenue,

Headquarters

Cut Flower Price List

Taking effect Monday, February 7, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to	$ 7.50
Laelia alba, white	"		6.00
Dendrobium Formosum, white,	"		6.00
Cypripediums, green, per 100, $15.00	"		2.00
Assorted, selected flowers	Per box,	$5.00 to	25.00
Gardenias	Per doz.,	2.00 to	4.00
AMERICAN BEAUTY—Specials	"	5 00 to	6.00
30 to 36-in.	"	3.00 to	4.00
20 to 24-in.	"	2.00 to	2 50
15 to 18-in.	"	1.25 to	1.50
Shorter	"	.75 to	1 00
Killarney, special	Per 100	12.00 to	15.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
My Maryland, special	"	10.00 to	12.00
" select	"		8.00
" seconds	"	5 00 to	6.00
Richmond, special	"	10.00 to	12.00
" select	"		8.00
" seconds	"	5.00 to	6.00
Mrs. Field	"	5.00 to	12.00
Bridesmaid	"	5.00 to	12.00
Bride	"	5.00 to	12.00
ROSES, our selection, mixed	"		5.00
CARNATIONS			
Select	Per 100,	$2.00 to	$ 3.00
Fancy	"		4.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,	.75 to	1.00
" single	"	.75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $2.00	"	15.00
Callas	" 2.00	"	15.00
Sweet Peas		"	1.00
Bouvardia		" 4.00 to	6.00
Paper Whites and Romans		"	3.00
Jonquils		" 4.00 to	5.00
Tulips		" 3.00 to	4.00
Stevia		"	1.50
Mignonette		" 4.00 to	8.00
Freesia		" 3.00 to	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
"	Per bunch,	.35 to	.75
" Sprengeri	"	.35 to	.75
Adiantum	Per 100,	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.00
" " " "	Case 10,000,		7.50
Leucothoe	Per 100,		.75
" bronze	"		1.00
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

Peter Reinberg

35 Randolph St.

Chicago, :: Ill.

Current Price List

Beauties	Doz.	Beauties	Doz.
Extra long	$6 00	18-inch stem	$2.00
36-inch stem	5.00	15-inch stem	1.50
30-inch stem	4.00	12-inch stem	1.25
24-inch stem	3.00	Short stem	1.00
20-inch stem	2.50		

	Per 100		Per 100
Richmond	$6 00 to $12 00	Bride	$6.00 to $12.00
Killarney	6.00 to 12 00	Maid	6.00 to 12.00
Chatenay	6 00 to 12.00	Ivory	6.00 to 12.00
Field	6 00 to 12.00	Sunrise	6.00 to 12.00
My Maryland	6 00 to 12.00	Gate	6.00 to 12.00
Uncle John	6.00 to 12.00	Perle	6.00 to 12.00

Roses, Our Selection.....$5.00 per 100

	Per 100
Carnations	$2.00 to $ 4.00
Harrisii	15.00
Valley	4.00
Violets	1.00
Adiantum	1.00
Asparagus..... per bunch,	$0.50
Ferns..... per 1000,	2.00

Mention The Review when you write.

Easter Lilies

We are cutting now an average of 1000 Lilies per day. Very choice stock, large flowers, long stems and fine foliage. They are the best flowers in the market and are in great demand during this severe shortage of Beauties and Roses. We are selling them at $12.00 per 100 or $1.50 per doz. Buy direct of the grower and get fresh stock.

American Beauties, Roses, Fancy Carnations,
Tulips, Daffodils, Valley, Easter Lilies and Greens.

Write us for our Weekly Price List. We keep you posted on the market.

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

Mention The Review when you write.

ary 30 the following scores were made:

Roses.	1st	2d	3d	Orchids.	1st	2d	3d
Fisher	161	168	162	Huebner	118	144	150
Goerisch	152	179	114	Groff	122	133	133
Pieser	169	118	132	Vogel	135	100	90
Lorman	119	124	147	Foster	154	167	206
Wolf	138	170	140	J. Zech	192	190	175
Totals	737	758	695	Totals	721	734	754
Violets.	**1st**	**2d**	**3d**	**Carnations.**	**1st**	**2d**	**3d**
Bergman	113	171	161	Ayers	133	134	149
Johnson	141	132	130	Pasternick	158	199	119
Kruchten	85	127	126	Kraus	125	125	154
Lieberman	128	165	150	Farley	137	153	157
Yarnall	169	181	158	A. Zech	149	160	149
Totals	636	776	725	Totals	700	771	728

SIOUX CITY, IOWA.

Business is good with all the retailers and all of them are showing nice window displays. There were large numbers of funeral orders in the month of January and stock of all kinds was cleaned up daily.

The cloudy weather has kept some stock back a little. We find there is a shortage on roses, especially. All kinds of bulbous stock are moving fast. Carnations have been in large demand and every florist has been well supplied with them.

The growers have been using a lot of coal, as we have had some extremely cold days and the temperature at night has occasionally been as low as 22 degrees below zero, with snow on the glass, which kept the plants back a little.

A good call comes from out of town, and Sioux City florists do a considerable shipping business. Among the florists that sell wholesale are the J. C. Rennison Co., J. R. Elder and Rocklin & Lehman. All of these firms ship and sell to a lot of florists around us.

R. E. Rathbun & Co., who began business here recently, have built 10,000 feet of glass and have a nice location for a retail place. The houses are planted chiefly with Harrisii lilies, all kinds of bulbous stock and violets, and the crops look fine for Easter. They have already built up an excellent business.

About three miles from the city there is a fine range of greenhouses, owned by James B. Bishop and planted with vegetables. He has one large house, 28x260, which is used for lettuce. It contains 2,600 lettuce plants, which present a fine appearance as the visitor looks from one end of the house to the other. He has a mechanical water system, manufactured by the Skinner Irrigation Co. It is operated by a gasoline engine and waters the whole house in ten minutes. Mr. Bishop is growing and selling more vegetables this year than ever before, and he is planning to put up more greenhouses in the near future. He has 18,000 feet of glass now.

Besides James B. Bishop, there are two other growers who grow quite a lot of vegetables under glass. One is Fred Bishop, a brother of James B. Bishop, and the other one is Peter Reard. Mr. Reard also grows carnations, under contract, for Rocklin & Lehman. Four of his seven houses are in carnations and the balance in lettuce, radishes and other vegetables. All the vegetable growers are doing finely.

M. ROCKLIN.

Niessen's News Column

Spring Flowers

Will have the call for

ST. VALENTINE'S DAY

You will find them with us in large assortment, and of choice quality. Be prepared for the extra sales, and lay in an attractive stock.

	—Per 100—
Sweet Peas	$1.00
All colors, very choice.	
Daisies, White	2.00
Daisies, Yellow	3.00
Tulips	$3.00 to 4.00
Valley	3.00 to 4.00
Freesia	2.00 to 4.00
Pansies, per 100 bunches	8.00
	Per Bunch
Lilac	$1.00 to $1.25
Pussy Willow	.50

DOUBLE AND SINGLE VIOLETS

75c and $1.00 per 100.

The demand for Violets will be large. You can depend on us to fill your order, and on the quality and freshness of the stock.

Acacia

$2.50 per bunch.

We have the cut from what we believe are the largest trees in the country. To the customer desiring a novelty, you cannot suggest anything more pleasing. Acacia is both rare and beautiful. We can furnish it of the choicest quality, and our supply is not equalled.

WHITE KILLARNEY ROSE PLANTS

2-in. pots, per 100	$ 8.00
2-in. pots, per 1000	70.00

ROOTED CARNATION CUTTINGS.

See our advertisement among the classified ads. Strong, clean, healthy cuttings, that we guarantee to give satisfaction.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

FOR ST. VALENTINE'S

VIOLETS

The best DOUBLES the market affords; Marie Louise from the Hudson River, Lady Campbell from local growers; fancy SINGLES of the well-known Philadelphia standard, and the ordinary grade of singles for your less fastidious customers. VIOLETS are especially appropriate for ST. VALENTINE'S DAY, and the quality will be A No. 1. We can give you exceptional value.

TULIPS are becoming one of the staple flowers on this saint's day, probably on account of their name and because they are just coming into full crop. We offer them in all colors; the YELLOW PRINCE are especially fine.

Fancy CARNATIONS, pink, white and red
MRS. JARDINE ROSES, the best in town
WILD SMILAX for the decorator

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The cut flower market for the week ending February 2 has been active, with widely varying conditions, as different as the varieties of the flowers themselves. Roses are still short, although Killarney has come to the front with a new crop that distances competitors, for you can get Killarney when you want it with more certainty than any other rose. Beauties, at the other end of the line, are scarce indeed, with prices high. Richmond, Bride and White Killarney are in fair supply, but there are not many My Maryland and fewer Maid. Mrs. Jardine is popular.

Carnations received a decided impetus from the combination of McKinley day and Saturday, January 29. But for the stormy weather, business would have been better still. The wholesalers got a trifle the best of it, as the retailers had to have carnations ready in case of need. Many were sold. The business has been fair since, white being especially active in the cheaper grades.

Violets have been erratic. The demand on the whole has been better than at any time since the holidays. The supply is moderate. Hudson river doubles have figured prominently in the trading. Spring flowers have been a little disappointing so far. The quality of many of the daffodils and tulips has not been calculated to encourage buying. Golden Spur leads in a decided improvement now. Good bright pink is a scarce color in tulips. Plenty of nice freesias are to be had. Easter lilies are abundant but dull. Callas have tumbled in price. White lilac has rounded into winter form, creating lively demand. Sweet peas have jumped from $1 for the best to $1.50, under the influence of such superb stock as Edward Swayne, George F. Christie and Mr. Levin are cutting. There have been heavy sales in cattleyas, mixed orchids, phalænopsis, oncidiums and lælias. Cœlogyne cristata is obtainable. Gardenias are more plentiful. Valley is rather quiet. Pansies are popular. Acacia pubescens is the novelty of the week. In greens, asparagus is brisk, adiantum scarce and smilax irregular.

Various Notes.

M. Rice & Co. are adding another story, the sixth, to their building at 1220 Race street. This means an addition of 2,000 square feet of floor space. Mr. Rice says two floors would have been added if the foundation would permit. Expansion, rapid expansion, on sound business lines.

Frank S. Jackson has severed his connection with the Thornhedge Nurseries, where he has been manager for H. H. Battles for many years.

Edward Swayne, West Chester, Pa., is producing a grade of sweet peas that are a decided advance over the stock seen here a fortnight ago. He has white, soft pink and bright pink, all fine.

Berger Bros. have made Easter lilies one of their staple flowers for every-day business.

There have been many visitors of note here lately. Among them have been A. C. Brown, Springfield, Ill.; William Rock, Kansas City, Mo.; Louis J. Reuter, Westerly, R. I.; Henry Penn, Boston, Mass., a representative of the T. Eaton Co., of Toronto and of Winnipeg, Canada; Miss Mooney, of Mooney & Weir, of Wilkesbarre, Pa., and M. A. Patten, of Tewksbury, Mass.

H. Bayersdorfer & Co. report five steamers in port containing nearly 1,000 cases of imperial chinaware, crepe paper pot covers and Easter goods.

Eugene Bernheimer reports good crop of carnations at North Wales.

Charles J. Wister, vice-president of the Germantown Horticultural Society, died January 31, at the age of 88 years.

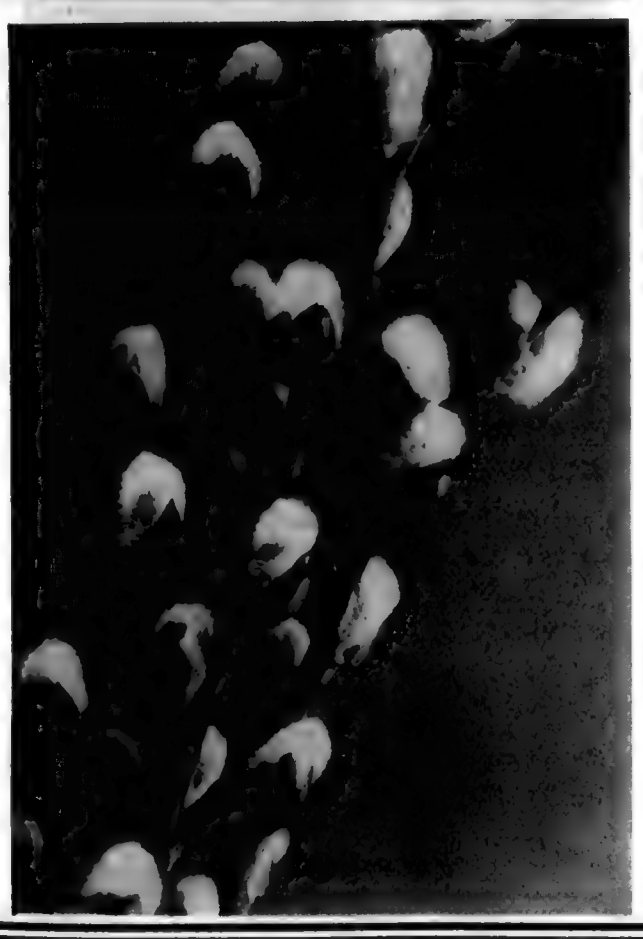
Edward Reid has the born leader faculty of inspiring loyalty in his friends.

John McKeffery is no longer with H. Bayersdorfer & Co.

W. & Harry F. Evans, of Rowlandville, Pa., are sending Acacia pubescens from that wonderful tree to the Leo Niessen Co.

David Anderson, Lansdowne, Pa.,





P M QUALITY

Spring Flowers

Acacia

with its beautiful long sprays of soft sulphur yellow flowers and delicate green foliage, artistic and beautiful, attracts the buyer looking for something unusual. Price, $2.50 per bunch.

Single Daffodils, (Emperor), fine large flowers. $4.00 per 100.

Pussy Willow, $6.00 per dozen bunches. Special price in quantity.

Sweet Peas. Blooms exceptionally choice, long stems. Colors, lavender, pink and white, also a few novelties. Lavenders, usually so hard to secure, can supply in quantity, by the thousand. Extra long, $1.50 per 100. Long and medium, 50c, 75c and $1.00 per 100.

White Lilac.....$1.00 and $1.25 per bunch
Paper Whites and Romans.....$2.00 and $3.00 per 100
Valley.....Special, $5.00; extra, $4.00; No. 1, $3.00 per 100
Freesia.....Special, 5.00; extra, 4.00; No. 1, 3.00 per 100
Daisies (white)..... 2.00 per 100
Daisies (yellow)..... 3.00 per 100
Mignonette, splendid spikes.....$3.00 and 4.00 per 100
Gardenias.....Special, $4.00; Fancy, $3.00; 1st, $2 00
Cypripediums.....$15.00 per 100
Cattleyas.....per doz., $7.50

RIBBONS. Some of the choicest novelties, exclusive patterns, an endless variety to choose from. Supplies of all kinds.

CATALOGUE ON REQUEST.

Open 7 a. m., close 6 p. m. Not open for business on Sundays. Not responsible for flowers after delivery to express company.

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street, PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write.

plans some modern building for the coming season.

Adolph Farenwald addressed the Florists' Club February 1 on "Why Rose Growers Should Join the American Rose Society."

M. Matthews has leaped into a prominent position among this city's gardenia salesmen.

Philadelphia won fresh laurels at the nineteenth annual convention of the American Carnation Society, held at Pittsburg last week. The Joseph Heacock Co., with Dorothy Gordon, and the Stafford Flower Farm, with White Perfection, were prize winners in their respective classes with fine vases of 100 blooms each. The Robert Craig Co. made a non-competitive exhibit of its new white seedling, which Robert A. Craig believes is the best commercial white today. Edward A. Stroud was one of the judges and Robert Craig responded to the address of welcome.

A new vase resembling a wheat sheaf in form, especially adapted for displaying American Beauties, is being offered by the S. S. Pennock-Meehan Co. It is of brass, twenty-four inches high, sixteen inches wide, with the narrowest part six inches from the top, the idea being to spread the blooms for better display.

Ladies' night will be held at the Florists' Club, February 4, with an attractive program.

Robert Jameson will be resident manager at the new place of the Joseph Heacock Co. at Roelofs Station.

Charles Jefferson, of the West Laurel Hill cemetery, has completed a range of four new houses to be devoted to soft-wooded plants for spring planting in the cemetery.

PHIL.

DAYTON, OHIO.

The Market.

The same dull weather prevailed throughout the last two weeks, and stock still continues to be scarce and the demand excellent. The dull weather seems to have had a great effect on the supply of roses, as there are not nearly enough to go around, while pink roses seem to be scarcer than white. While there is a better supply of carnations, still there is not a sufficient quantity to meet the demand. The supply of bulbous stock, such as Romans, Paper Whites, daffodils

The Florists' Supply House of America

February Specialties There are two special holidays in February when we could help make business for you. Write us for our special novelties and suitable supplies for these occasions.

ST. VALENTINE'S DAY

Violet Hampers, Violet Boxes and Cords and Tassels, Heart-Shape Boxes in Scarlet or Fancy Hand-Painted Boxes, etc. Heart-shape Baskets, very choice for Valentine's Day.

Our Factory is always at your disposal for the production of specialties in florists' supplies; when you have something to do and don't know how to do it write us and we will solve your difficulty if it can be solved.

Imported Magnolia Leaves, Cycas Leaves, Wheat Sheaves, everything in florists' supplies.
JUST RECEIVED, Easter baskets, plant baskets, fern baskets, pot baskets with handles, all sizes and colors.
NEW IMPERIAL CHINA WARE, our popular novelty; you will find it just what you want for favors and table decorations.

Send for our illustrated catalogue

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

and tulips, is good, but none seems to suffer for want of a customer, as was the case last week. There have been a great many deaths, consequently there has been an unusually good demand for funeral flowers. There is a sufficient supply of Formosa lilies at the present time to supply all wants along that line, while with callas there is no more than enough to fill orders.

Business throughout the month of January has been most satisfactory, but stock has been scarce, consequently nothing has been consigned to the ash barrel and prices have kept up fine. The weather in general has not been the best for the florists' business, for a great deal of the necessary sunshine has been denied us.

This week, however, has started out with sunshine, and it is hoped that the sun may make up for lost time, as there are plenty of buds, which by a little coaxing will bring in stock in good supply. Taking into consideration that crops have been unusually limited, the indications are that, beyond a doubt, everything will be in good shape for Easter.

Various Notes.

George W. Bartholomew and wife were the only ones from Dayton to attend the carnation convention at Pittsburg, Pa. They were much taken up with the display in general, and complimented the various committees on their work, especially the entertainment committee, which surely made a most enjoyable time for all. The only drawback was the disagreeable weather they had while there.

Mrs. Bertha Hendrichs left February 2 for New Orleans, La., where she will spend several days and at the same time be present for the Mardi Gras. While there she will be the guest of Mr. and Mrs. M. Cook.

Mr. and Mrs. Wm. Ritter will leave February 7 for a visit to Chicago.

H. H. Ritter reports that business is keeping up fine. He has several party decorations booked to come off before the lenten season opens.

Mrs. E. Young had some large funeral orders last week.

The Dayton Floral Co. had a large decoration at the Memorial hall, this week being indoor circus week in Dayton.

BERGER BROTHERS

WHOLESALE FLORISTS

1305 Filbert Street, Philadelphia, Pa.

SPRING FLOWERS

EASTER LILIES, fine flowers, long stems, excellent value.

DAFFODILS, single and double.

LILY OF THE VALLEY, high-grade stock.

CARNATIONS of February quality (everyone knows what that means).

Fancy ROSES, SWEET PEAS, VIOLETS.

When you come to town drop in and see us. It doesn't matter which railroad you use, we are just mid-way between the two great terminals, handy to either. The latch-string is always out.

Mention The Review when you write.

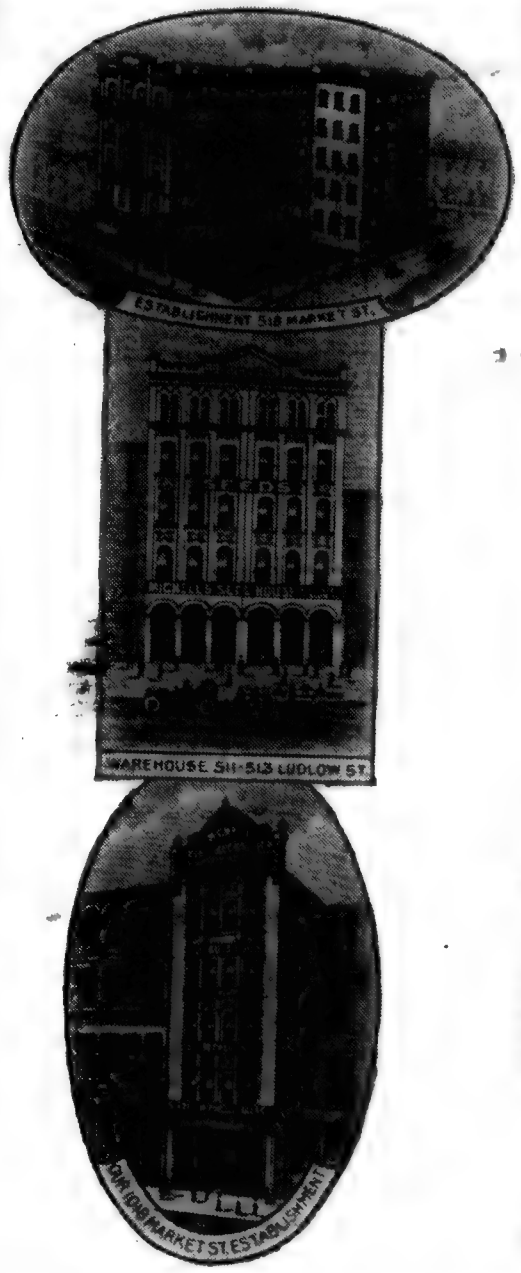
Ribbons for Valentine Day

Samples to select from ready now. Taffetas, Satins, Chiffons. Rich toned, brilliant qualities; no jobber can offer you equals at our prices.

Post card for samples.

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 ARCH STREET

Mention The Review when you write.



Begonias and Gloxinias

Our stock of these Bulbs is of the finest strain procurable.

	Per doz.	Per 100	Per 1000
SINGLE BEGONIAS—Orange	$0.40	$2.75	$22.50
Scarlet	.40	2.75	22.50
Pink	.40	2.75	22.50
White	.40	2.75	22.50
Yellow	.40	2 75	22 50
Mixed	.35	2.50	21 00
DOUBLE BEGONIAS—Crimson	.65	4.75	37.50
Scarlet	.65	4.75	37.50
Pink	.65	4.75	37.50
White	.65	4.75	37.50
Yellow	.65	4.75	37.50
Mixed	.50	3.75	33.00
GLOXINIAS—Red and Scarlet	.60	3.75	32.00
Blue	.60	3.75	32 00
Bordered Scarlet	.60	3.75	32.00
Bordered Blue	.60	3.75	32.00
Spotted	.60	3.75	32.00
White	.60	3.75	32.00
Choicest Mixed	.50	3.50	31.50

HYACINTH STAKES (Wood) Dyed Green

12 in. ..... per 100, $0.15; 1000, $1.00; 5000, $4.25
18 " ..... per 100, .20; 1000. 1.35; 5000, 6.25

CANE STAKES

Southern, very long, select quality ..... per 100, $0.75; 500, $3.00; 1000, $6.00; 5000, $25.00
Japanese, very thin, about 6 ft. long ..... " .75; 500, 3.00; 1000, 5.50; 5000, 25.00

UNPAINTED STAKES OR DOWELS

Length.	Diam.	Per 100	1000	Length.	Diam.	Per 100	1000
24 in.	3/8 in	$0 50	$4.00	42 in.	3/16 in	$0.75	$6 00
36 in.	5/16 in., and 36x3/16 in.	.65	5 25	42 in.	1/4 in	.75	6.00
36 in.	5/8 in	.85	8.00	42 in.	5/16 in	.75	6.00
36 in.	1/4 in	.65	5.25	42 in.	3/8 in	.75	6.00
36 in.	3/8 in	.65	5.25	42 in.	5/8 in	1.00	9.00

The above dyed green, 10c per 100 or 50c per 1000 additional.

HENRY F. MICHELL CO.

Seed Growers and Merchants

Market St. above 10th St., Philadelphia, Pa.

Mention The Review when you write.



No. 73 Arab No. 78 Persian

Florists' Baskets

These baskets are especially suitable for palms and ferns, though when filled with roses or other large flowers, are strikingly beautiful. Brighten up your stock with some of our new ideas in baskets for your Easter trade—any that do not please, you may return—try a few.

Madison Basketcraft Co., Madison, O.

Send for finely illustrated catalogue.

Mention The Review when you wr

In the decorations they used thirty-seven cases of wild smilax and 5,000 yards of evergreen wreathing.

Visitors of the last ten days have been A. Miller, of Chicago; Henry Ehrhard, of Sidney, O.; C. C. Leedle and son, of the Leedle Rosary Co., Springfield, O.; Chas. P. Brunner, Springfield, O.; Chas. F. Meyer's representatives from New York; O. S. Clark, Wellston, O.; and J. E. Thomas, of Columbus, O.

Carnation day was a big day for carnations in Dayton, as nearly every florist disposed of his supply. R. A. B.

READING, MASS.—The W. B. Jeffrey greenhouses have been leased for several years to the Reading Floral Co., a new firm composed of two Reading young men.

COLUMBUS, OHIO.

The Market.

Trade is still holding its own here. There has been a great deal of funeral work and this has kept everybody hustling to get enough stock.

Roses have been a little off crop lately and the continued cloudy weather has made stock extremely soft. Everybody is in hopes we will get some bright weather to harden stock up. Carnations are coming in nicely, but the demand more than equals the supply, especially in white, which has been in heavy demand.

Violets are coming finely and the singles are showing up much better than at any time this season, both as to size and stems. Sweet peas are not any too plentiful and the demand is heavy. There is quite a demand for valley at present, with a fair supply. Tulips are beginning to make their appearance, and though the stems are rather short, the blooms are good.

The demand for potted plants has been quite heavy and a nice lot of plants are moved right along. Azaleas, cyclamens and primroses are the favorites at present. There is also a good call for ferns, in which the Boston, Piersoni and Whitmani take the lead. Greens have been a little scarce for the last few weeks, and it is hard to get enough to go the rounds.

McKinley day used up everything in the way of carnations. Although the red were more in demand, as soon as

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs,, $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, **Detroit, Mich.**



Mention The Review when you write.

Southern Wild Smilax Ferns, Pines, Palms, Holly
Louisville Floral Co., Louisville, Ala.

they were sold out people wore anything in the way of a carnation, and it was quite a surprise to the trade, as they were all of the opinion it would be like last year, when the demand was much lighter.

Various Notes.

The Florists' Club will give a banquet on Tuesday evening, February 8. The committee on entertainment, consisting of the following members, Jas. McKellar, Wm. Metzmaier, I. D. Seibert, Jake Reichert and Bob Hessenauer, has arranged a nice program for the occasion, in music, singing and card playing. The club will give its next dance Wednesday evening, February 16.

The Munk Floral Co. reports that everything is cleaned up from day to day and it is hard to get enough to go the rounds.

E. Metzmaier says business is fine, but it is hard to get enough stock.

The Fifth Avenue Floral Co. has been cutting heavily in carnations, but not enough to meet the demand.

Ralph Knight has his houses well on the way to completion. He is growing lettuce in them this winter, but will use them for flowers next season.

There is a new concern starting to put up a good range of glass at Baker's Hill, a few miles below Columbus. Two houses are being erected, each 400 feet long. Mr. Halbrook, lately with the Livingston Seed Co.'s greenhouses, and Mr. Thompson, of the Columbus theater, are at the head of the new concern. The location is ideal for their purpose, as they are on the Valley traction lines and they have the use of both lines, the Lancaster and also the Chillicothe, which branches off below them. They have a half-hour service on these lines.

The Florists' Club dance Tuesday night, January 18, was well attended and everyone had a most enjoyable evening. The next dance will be given February 16. There was some talk of giving a masquerade, but that has been given up.

J. H. Williams is contemplating adding another house this spring, which will give him quite a nice range. J. M.

Brockton, Mass.—Patrick J. Boyle has filed a petition in bankruptcy. His liabilities amount to $3,221; his assets are $459.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

Mention The Review when you write.

Galax, Leucothoe, Ferns, Etc.



Brilliant **Bronze Galax**.....50c per 1000; $4.00 per case of 10,000
Green Galax.....50c per 1000; 4.50 per case of 10,000
Leucothoe, green, standard length.....$2.50 per 1000
" " short beauties..... 1.25 per 1000
" bronze, good length..... 4.00 per 1000
Dagger and Fancy Ferns.....$1.25 per 1000; $5.00 per case of 5000



We can just simply fill your orders and fill them now. Quality always guaranteed.

T. J. RAY & CO., Elk Park, N. C.

Mention The Review when you write.

WILD SMILAX

Case or carload lots. Get my prices; it will save you money.

WM. MURPHY, 311 Main Street, **CINCINNATI, OHIO**

Mention The Review when you write.

Southern Wild Smilax

Gathered for you any day.
October 1 to Easter.
To the **Florist Trade** only.

R. M. WOMACK, Wills Point, Tex.

Mention The Review when you write.

Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

Always mention the Florists' Review when writing advertisers.

LEUCOTHOE SPRAYS

We have on hand the finest lot of Leucothoe Sprays ever gathered in this country, and can furnish them in any quantity, both colors. A trial order will convince you that we mean what we say. Our prices are as follows: **Green Leucothoe,** 24 inches and up, $2.50 per 1000; 16 inches and up to 24, $1.50 per 1000. **Bronze Leucothoe,** good lengths and colors, $4.00 per 1000.

THE TUCKASEIGEE EVERGREEN CO., Sylvia, N. C.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Always mention the Florists' Review when writing advertisers.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$5.00

Boxwood
Per bunch....25c Per case of 50 lbs... 6.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$6.50

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.25

Wild Smilax
Per 25 lb. case..$3.00 Per 50 lb. case.. 5.00

WRITE ME FOR SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Street, Cincinnati, Ohio

Mention The Review when you write

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

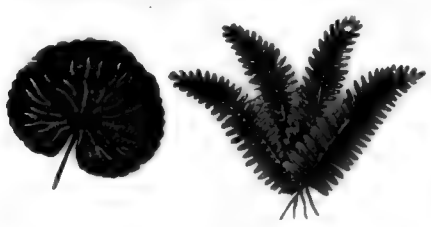
WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green	$0.50	per 1000
Galax, bronze	.50	"
Ferns, dagger and fancy	1.00	"
Green Leucothoe Sprays, regular lengths	2.00	"
Green Leucothoe Sprays, 10 to 15 inches	1.00	"
Bronze Leucothoe, regular lengths	2.75	"
Bronze Leucothoe, 10 to 15 in...	1.50	"

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.



GALAX LEAVES. DAGGER FERNS.

Dagger Ferns or Fancy Galax Leaves, bronze or green; all A-1 stock, guaranteed. Can also send samples. Once tried you will always use our stock.
A. L. FORTUNES
70 Liberty Street, Brooklyn, N. Y.

Perpetuated and Natural Sheet Mosses
Southern Wild Smilax
E. A. BEAVEN, Evergreen, Ala.

HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS
CUT FLOWERS OF ALL KINDS



Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.



15 Province St., and 9 Chapman Place, **BOSTON, MASS**

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, $1.00 per 1000; 4.00 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N.C.**

Mention The Review when you write.



Largest Stock of Fancy Ferns in the East, and Best Quality.

If you want Ferns until June 15 you had better start now. Write for price.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Brockton, Mass.—Patrick J. Boyle, a florist having a shop on Centre street, has filed a petition in voluntary bankruptcy in the United States District Court at Boston, in which he states his liabilities as $3,221 and his assets as $459.

Bradford, Pa.—At the South Bradford Farm, of which Jas. W. Leasure is proprietor and F. E. Thompson superintendent, the 15,000 feet of glass are used principally for roses and carnations. They have a fine crop of these flowers, which are selling at good prices.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By young man, Norwegian; greenhouse work; four years' experience; ready Feb. 1. Address Harold P. Grue, 28 Ashland Street, Medford, Mass.

SITUATION WANTED—By landscape engineer, German; thoroughly experienced surveyor and draftsman; landscape plans carried out. Address No. 182, care Florists' Review, Chicago.

SITUATION WANTED—As assistant gardener on private place; five years' experience; age 25; good references; vicinity of New York. Address No. 130, care Florists' Review, Chicago.

SITUATION WANTED—Experienced gardener; married, no family, desires position on gentleman's place; first-class references. Address Johnson Seed Co., 217 Market st. Philadelphia, Pa.

SITUATION WANTED—By florist; single; 24 years old; German; strictly sober; good grower and good hustler; can take charge of private or retail place; wages $75 a month. Address No. 175, care Florists' Review, Chicago.

SITUATION WANTED—Young man, single, age 25, wants position as orchard grower in private place; was 3 years under Chas. Bond at Mrs. Geo. B. Wilson's, Phil.; nine years' experience at gardening. Address Wm. Shaw, 782 North 41st Street, West Philadelphia, Pa.

SITUATION WANTED — By first-class rose grower; age 26; honest, sober, reliable, capable of taking charge; a position as grower under foreman or as assistant where good roses are grown; best references; state wages. Address No. 178, care Florists' Review, Chicago.

SITUATION WANTED—By ambitious young man, life experience as florist and landscape gardener; good grower of ferns, mums and general greenhouse stock; good habits and capable of taking charge. Address No. 176, care Florists' Review, Chicago.

SITUATION WANTED—By Feb. 1st, as grower in cut flowers and potted plants in general; capable of helping out on funeral designs and handling help; 26 years' experience in the trade; middle-aged, single, sober and honest man; retail place preferred. Address No. 160, care Florists' Review, Chicago.

SITUATION WANTED—By an experienced grower of roses, carnations, mums and a general line of plants; strictly sober and reliable; not afraid of any kind of work; 29 years old; 13 years' experience; capable to take charge of range or small place; state particulars. Address No. 177, care Florists' Review, Chicago.

SITUATION WANTED—Competent, successful and industrious foreman, grower and designer, will take entire charge of a retail commercial place where quality is desired; will guarantee satisfaction and demonstrate results if given opportunity; will contract for 3 or more years if satisfactory to either one after a month's trial; married, age 30; reference if desirable; please give full particulars in first letter. Address Box 451, Webb City, Mo.

HELP WANTED—Young man with experience, to assist in growing of carnations; state wages. Heiss Co, 112 S. Main St., Dayton, O.

HELP WANTED—A good man for ferns, azaleas, mums and general greenhouse work; wages $15.00 a week. Address No. 103, care Florists' Review, Chicago.

HELP WANTED—Young man as assistant in growing pot plants; wages $12 per week. Address, with copy of references and experience, No. 191, care Florists' Review, Chicago.

HELP WANTED—Experienced vegetable grower for under glass; must be sober and industrious; steady situation; send references. I. Shelby Crall Co., Monongahela, Pa.

HELP WANTED—Married man as gardener on private place near Chicago. Address No. 171, care Florists' Review, Chicago.

HELP WANTED—A helper on roses; wages $12 per week. William Dittmann, New Castle, Ind.

HELP WANTED—Bright young man with experience in pot plants; must be good potter; to assist in filling and packing orders. Address No. 190, care Florists' Review, Chicago.

HELP WANTED—A young man to assist in rose growing; one with experience preferred; wages $12 per week to start; references. J. P. Russell, Chatogue Greenhouses, Mobile, Ala.

HELP WANTED—Experienced florist for small greenhouse; one who understands all work; sober and a good worker; with reference; commence at once. W. D. Poage & Son, Woodbine, Iowa.

HELP WANTED—Experienced lady clerk for store; must be capable of making up funeral work, etc.; none but an ambitious and willing party need apply. Address Chas. Frueh & Sons, Saginaw, Mich.

HELP WANTED—Single young man with some experience in greenhouse work; must be industrious and have no bad habits; state wages wanted with board and room. Ira Clark & Co., Greensburg, Ind.

HELP WANTED—A first-class rose grower; must be capable of taking complete charge, and one who can produce the stock; give reference and salary. Address No. 163, care Florists' Review, Chicago.

HELP WANTED—Good lady or man clerk for retail flower store; must be thoroughly experienced; good wages to right party; answer in person; no other need apply. Atlas Floral Co., 35 Randolph St., Chicago.

HELP WANTED—By Feb. 1st; gardener and florist for private place near Chicago; as second man. Apply stating wages with room and board; must be a hustler. Address No. 151, care Florists' Review, Chicago.

HELP WANTED—Gardener and florist; must understand all about shrubbery and nursery work; good position to right party; man with family preferred; send references. Otto Schwill & Co., Seedsmen, Memphis, Tenn.

HELP WANTED—Assistant; reliable young man with some experience as grower; competent to wait on trade when needed; retail place, 15,000 feet glass; good opening. Address No. 147, care Florists' Review, Chicago.

HELP WANTED—A good, reliable man, strictly sober to take charge of growing cut flowers and bedding plants for a small retail business; state wages with board, room and washing. Address City Greenhouse, Newton, Iowa.

HELP WANTED—By Feb. 15th; a good, reliable man by the month, board and room; work in greenhouse and hotbeds; state wages; must be a hustler; German preferred. Address Faber Bros., R. F. D. No. 4, Box 137, Kankakee, Ill.

HELP WANTED—At once; a good all-round greenhouse man for retail place; one not afraid of work, sober and reliable, able to take charge when needed; married man preferred; state wages with references in first letter. James Frost, Greenville, O.

HELP WANTED—Good grower for general stock; single, middle-aged preferred; must have good references; honest and sober; salary $50.00 a month, room and board; endless job for the right man; in Montana. Address No. 161, care Florists' Review, Chicago.

HELP WANTED—First-class store man in St. Louis; one who thoroughly understands the retail florist business; salary $100 a month to start; don't apply unless you can come well recommended; apply at once. Address No. 179, care Florists' Review, Chicago.

HELP WANTED—An experienced seedsman with $5,000 to take an active interest in a well paying terminal shipping and retail seed and grain business in Oklahoma; excellent opportunity; no one but an experienced seedsman need apply. Address No. 189, care Florists' Review, Chicago.

HELP WANTED—At once; a good all-round greenhouse man to grow stock for retail catalogue place; a good propagator, not afraid of work, sober and reliable; able to take charge when needed; state wages, nationality, married or single and reference in first letter. J. B. Jackson, Gainesville, Ga.

WANTED—Positions near New York and Philadelphia for graduates of the Baron de Hirsch Agricultural School on gentlemen's estates and commercial florists, as greenhouse and garden help. Apply to H. W. Geller, Supt., Baron de Hirsch Agricultural School, Woodbine, N. J.

WANTED—Small greenhouse establishment with residence and acreage; give particulars and price. Address No. 187, care Florists' Review, Chicago.

PARTNER WANTED—On a new place, in a city of 100,000, in southern Indiana; fine location for wholesale and retail; a good chance to get into business with small capital. Address No. 183, care Florists' Review, Chicago.

WANTED TO RENT—Greenhouses, in or near Chicago preferred; from 5,000 to 10,000 feet. Address No. 173, care Florists' Review, Chicago.

WANTED TO RENT Retail or wholesale greenhouses of 5,000 to 20,000 feet; or will go as partner. Address Frank H. Wilhelm, Florist, Downers Grove, Ill.

WANTED TO RENT—Retail greenhouse property in Ohio or middle west, of 5000 to 10,000 feet. Address No. 144, care Florists' Review, Chicago.

WANTED TO RENT—With the privilege to buy in a year or so, 15,000 to 35,000 feet of glass in good condition, with some land, dwelling, etc.; south or southwestern states preferred; in no city less than 25,000 inhabitants; near car line; with city water and improvements; I am a grower of first-class stuff only in cut flowers, also Christmas and Easter pot plants; have a few thousand dollars to invest now, later more; please don't write or bother about old, tumbling down places; I would like to take possession April or May, latest first of June. Address No. 174, care Florists' Review, Chicago.

WANTED TO BUY—Greenhouse of about 8000 to 10,000 sq. feet of glass, in good condition; in a live town; give full particulars in first letter; no need of answering this adv. unless proposition bears closer investigation. Address No. 166, care Florists' Review, Chicago.

FOR RENT—8 houses, 100x18, with plenty of ground; on city car line. Address Mrs. E. C. Henry, Frankfort, Ky.

FOR SALE OR RENT—Old established greenhouse plant. For particulars address No. 180, care Florists' Review, Chicago.

FOR SALE OR RENT—Greenhouse, store, dwelling and stock complete; located on main street in growing south side suburb of Chicago. Owner, 781 Barry Ave., Chicago, 1st flat.

FOR SALE OR RENT—Seven greenhouses stocked with roses, Brides and Maids, in A1 condition; two 18x150; one 38x162; four 12x150; rent reasonable or price right. Inquire of Mrs. J. M. Lyons, 150 Park av., Madison, N. J.

FOR SALE OR LEASE—A well established business on main business street of thriving town of 7,000 people; 45 miles from St. Louis; 6,000 feet of glass, dwelling of ten rooms, large barn and other outbuildings; lot, 254x180 ft.; houses well stocked with carnations, bedding and decorative plants; large trade with no competition; best of reasons for selling; or will lease to responsible person; a splendid opportunity for the right party. Call or address Hibbert Floral Co., Main and Fletcher sts., De Soto, Mo.

FOR SALE—Nurseries, greenhouse and retail business in rapidly growing town; write for particulars. H. A. Curtis The Florist, St. Petersburg, Fla.

FOR SALE—Glass, 100 boxes A. D 16x16; 6 boxes 16x20 A. D. and 6 boxes 16x24 A. D.; all new glass. Inquire of Ira H. Landis, Lancaster, Pa.

FOR SALE—1 plate glass florists' refrigerator, with steel structural work; been used about two months. Address Fort Wayne Refrigerator Co., Fort Wayne, Ind.

FOR SALE—1 large sized Morehead steam trap and No. 2 receiver; good as new; used but three years; cost $225; will sell cheap. The Fifth Ave. Floral Co., Columbus, Ohio.

FOR SALE—10,000 ft. of glass on leased land on which the lease has 7 years yet to run; located near three cemeteries and have good trade; will sell all or take partner. Address Jacob Russler, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—6000 ft. glass on 1 city block, 1½ mile from center of city with 25,000; southwest; good dwelling, greenhouses good as new, splendid opportunity for florist or trucker with some money; price $4000.00, part down, balance on time at 6 per cent. Address No. 167, care Florists' Review, Chicago.

FOR SALE—$1800 cash will buy a first-class florist store, good will; finest reputation, and excellent references from wholesalers, established 20 years and doing a good business; going into other business. Cella's, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—In Chicago, established retail florist, 7 greenhouses, 10,000 square ft. of glass on valuable corner, 125x165; 6-room modern residence; shows net income of over $3,000 per year; must be sold to divide estate; chance of a life time; price $7,500. H. O. Stone & Co., 125 Monroe Street, Chicago.

FOR SALE—12 acres rich black soil, with three greenhouses, near city. H. W. Williams, 424 Fulton St., Peoria, Ill.

FOR SALE—One Lord & Burnham sectional hot water boiler, No. 824; 200 10 ft. sashes, 1700 ft. 2-in. and 200 ft. 3-in. pipes; the whole positively used but a short time and guaranteed in perfect condition. Address No. 146, care Florists' Review, Chicago.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors 11-ft. high, 14-ft. long, 6-ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass, price f.o.b. Pittsburg, $140.00. A. W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—Half interest in $16,000 wholesale and retail place near Chicago; 25,000 ft. glass, stocked with roses and carnations; seven acres planted in fruit; two dwellings, horses, cows, wagons, buggy, tools, etc., $2500 cash, balance ($5500) $500 per annum, 5 per cent interest; possession March 1st. Address No. 153, care Florists' Review, Chicago.

FOR SALE—Three greenhouses, 8000 square ft. glass, in city of 30,000 inhabitants; growing business and good trade; cottage, five rooms, adjoining same; good water; hot water heating; plant practically new; reason for selling, death of proprietor, and no one to continue the business; terms reasonable. Address No. 137, care Florists Review, Chicago.

FOR SALE—Greenhouses, 8000 feet; one block land, 575x255; within city limits, near union depot, within ten minutes' walk of main business section; established ten years; or will go into partnership with responsible party; demand requires from 15 to 20,000 ft. of additional glass; no competition to speak of within a circle of 300 miles. Address Thomas Biernstad, Baker City, Ore.

FOR SALE—An Orr & Lockett's florists' refrigerator; made of ash; has mirrors in ice doors and ends of ice chambers, beveled glass in front and ends of floral chamber; the doors to the floral chamber are in front; used 6 months; no better refrigerator made; dimensions outside width, 44 in.; depth, 32½ in.; height, 77 in.; a bargain if taken soon. The El Paso Carnation Co., El Paso, Ill.

FOR SALE—Fine farm and greenhouse establishment consisting of 60 acres of land and 13,000 feet of glass, located in thrifty city in central northern state; farm fully stocked with milch cows, horses, machinery of all kinds, grains, hay, etc.; new barn and fine 12-room residence, all lighted by electricity; greenhouses in fine condition and fully stocked, doing a good business; no greenhouse within 25 miles; cannot grow enough to supply; never-failing deep well, pumps operated with dynamo and windmill; greenhouses, boiler-rooms, etc., lighted by electricity; boiler capacity for twice amount of glass; good heating system with steam trap, regulating valve, etc.; all located together and on main highway up to city limits; fine lawns, driveways; orchards, etc.; ideal location for nursery; reason for selling, wish to retire; price, $16,000. Address No. 84, care Florists' Review, Chicago.

FOR SALE—Florist and gardening business, including five greenhouses, 10,300 ft. glass; four acres good garden land; store fixtures and stock; in a city of 4,000 in north central Illinois; 160 miles from Chicago; two houses are each 28½x100 feet; King construction; very light; three years old; one house 25x100 ft.; one house 14x100, partitioned in two 50 ft sections for ferns and mums; 5 ft. lean-to partitioned 25 ft. for propagating; 75 ft. violets; all built in last three years; steam heat; two boilers; own water system; triplex pumps; excellent force; good water supply; houses planted to roses, carnations and general stock, including azaleas, bulbs etc., for Easter; good start of spring stock; on the place are 2,000 three-year-old rhubarb, 2,500 three and four-year-old asparagus and several thousand seedling asparagus; good stock hardy shrubs, including about 200 peonies blooming size; season's coal in bins and paid for; houses at edge of town; most of the retail business done at store located in center of business district; store rent is very cheap, $12 per mouth; store fixtures include large refrigerator, counters, show cases, etc., good stock wire designs, sheaves, ribbons, etc., used in a first-class store; have a tomato, cabbage and other vegetable plant trade limited only by our capacity, also an unsolicited out of town trade in spring bedding and vegetable plants and cut flowers to eight surrounding towns; are within 30 miles of a wholesale market which will take all surplus; must be sold at once to settle an estate; price $6,000. $4,000 cash, balance on time. Address No. 188, care Florists' Review, Chicago.

Situation Wanted

By a married man as foreman or manager; a first-class grower of carnations, mums and general stock; strictly sober and not afraid to work; fully capable of taking charge; can furnish excellent references from former employers; state wages in first letter; answers from up-to-date places only expected. Address Norwood O. Halbrooks, Sta. A., Box 282, R. F. D. No. 2, Columbus, Ohio.

Situation Wanted

In store or retail commercial place by Scotchman, age 31, life abstainer; best references; experienced salesman, designer and decorator, with several years' experience as grower; Chicago or middle west preferred. Address No. 186, care Florists' Review, Chicago.

Situation Wanted

As manager for gentleman's place, public institution, park, cemetery, etc.; practical experience in all branches; reference, first-class. Address with particulars, C. L., care Joseph Linfoot, 1015 E. McMillan St., Cincinnati, O.

Situation Wanted

Thoroughly experienced in general greenhouse work; good propagator and designer; lifetime with the trade; age 25; single; English and German; sober, honest and reliable; wish position somewhere in or near Ohio; am with one of the largest firms in Ohio and can supply reference from them; kindly state wages. Address No. 173, care Florists' Review, Chicago.

Situation Wanted

By married man, 31 years of age, 18 years' practical experience in the retail business, all branches; good grower of general stock; also decorator and designer; honest, sober and industrious; capable of taking charge; am of good appearance and competent to wait on first-class trade; good references. Address No 185, care Florists' Review, Chicago.

Foreman Wanted

One cabable of taking charge of 70,000 square feet of glass and growing both cut flowers and plants for wholesale and retail; references required; steady position; good pay. Address

No. 184

Care Florists' Review, Chicago

Help Wanted

An assistant gardener for private place; must be experienced in all greenhouse work; wages $30.00, board and room, per month to start.

WILLIAM REUPKE

Winterthur, Delaware

WANTED

Wire Workers AT ONCE

Good wages! Steady work! and extra pay for over hours. Immediate and constant positions for good men.

H. KENNEY,

88 Rochester Ave., Brooklyn, N. Y.

Wanted

A thoroughly competent plantsman, well posted in trees, shrubs and all hardy planting material. A good promising position for the right man who knows his business and can handle men. State references and salary wanted. Address No. 193, care Florists' Review, Chicago.

Wanted

A first-class rose and carnation grower; in Pennsylvania; wages $18.00. Address No. 150, care Florists' Review, Chicago.

Shippers, Attention

We can use to advantage, good Roses, Daffodils, Freesia, Tulips, Lilies and Greens; will either buy outright or sell on commission.

Address No. 158,

Care Florists' Review, Chicago.

FOR SALE

Well established florist business in town of 7000 in southern Indiana; consists of 3 houses—6000 sq. ft. of glass, well stocked with carnations and general line of plants for retail trade; a dwelling, seven rooms, and several acres of ground; no opposition; price, $3,500.00; part cash and rest on easy payments to suit purchaser; can give possession at once; correspondence invited. Address No. 125, care Florists' Review, Chicago.

FOR SALE

A handsome florist wagon, cost $1200; in first-class condition; no finer florist wagon in New York for a retailer; will accept $300 cash. See it without delay. KESSLER BROS.,

50 W. 28th St. New York City

For Sale in Oklahoma, Greenhouses and Store

Muskogee Carnation Co. will sell up-to-date greenhouses and store to a cash purchaser; the only florist business in city of 25,000 inhabitants; the business will pay for itself in 4 years and the property will DOUBLE itself in 1 year; the finest place to be seen anywhere; come and see it for yourself, I know you will like it.

Muskogee Carnation Co.

C. E. Taube, Manager. Muskogee, Okla.

WANTED

A purchaser for greenhouse with 11 acres of land and 2 dwellings, in Mt. Sterling, Ky. Address

H. CLAY McKEE & SONS

Mt. Sterling, Ky.

Wanted to Rent

Greenhouse establishment, 15,000 to 20,000 ft. glass; must be in good repair; good location and good rose soil required; shipping distance from Chicago preferred. Address No. 192, care Florists' Review, Chicago.

To Rent

A very rare opportunity

One of the most modern and up-to-date florist establishments of about 15,000 sq. ft. glass, hot water heat, Superior tubular boiler; entire place equipped with electric lights, cement walks and floors; work building 20x115 ft.; 2-story 8-room modern flat; good established business; the conveniences and accommodations to all transportation, etc., are too numerous to mention here, they cannot be excelled; if interested, an investigation will convince.

RICHARD F. GLOEDE

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For Sale!

A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address

No. 68, Care Florists' Review, Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

571 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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KEENAN BUILDING, Pittsburg, Pa.

Largest Floral Establishment in America

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We can fill your floral orders day or night for

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Always have complete stock on hand. Regular discount allowed the trade.

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We Handle Everything in Season.

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The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

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DELIVERS ANYWHERE

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Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

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Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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Late with Thos. Young, Jr.

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Steamer and Theater Work My Specialty

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Both Long Distance Phones, St. Louis, Mo.

CHAMPAIGN, ILL.

Plans for the fourth annual convention of the Illinois State Florists' Association, to be held at the State University, February 15 and 16, are progressing in a way that promises the best meeting since the organization of this flourishing society. There are significant reasons why every wideawake florist in Illinois should lend a hand to make this a great meeting. Chief of these reasons is the fact that this convention is to be held at a great educational center, where 4,000 young men and women, under the instruction of a faculty of more than 400 teachers, are gathered to prepare for their life's work, and whence they go out into every nook and corner of the great prairie state and many surrounding states, carrying with them the lessons of culture and inspiration drawn from their collegiate surroundings. Who will say that this is not a supreme opportunity for the Illinois florists to advance the love of flowers and plants? A

M. A. Bowe

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In the busiest center of the metropolis. Close to Broadway and the wholesale district. Send your orders for ocean steamers and theaters.

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Telephones 4025-4026, 38th Street,
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Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

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The Ansonia, 74th St. and Broadway.
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The Empire, - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

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Flowers for all occasions, from cradle to grave.

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Will give prompt attention to all orders for delivery in North Dakota

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Funeral designs on short notice. One of the largest establishments west of Chicago.

CHICAGO

30% 30% 30% 30%

PLACE your Chicago orders with us. We carry the largest stock in Chicago. Located in the center of the city and in the same block with the Wholesale Flower Market. 30% discount on all orders from out of town florists.

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further reason why the meeting at the seat of the great University of Illinois ought to attract every progressive florist is found in what is being done at the university to advance floriculture.

On the grounds of the university, in the Department of Horticulture, four greenhouses have been built, two of them just now being completed from the appropriation made available by the present general assembly. The securing of the appropriations to do what has been done has cost some members of the association some days and nights away from home and some dollars out of pocket, which none of the officers, past or present, begrudge, if only the florists of the state will avail themselves of its benefits. Within a few days now the complete program will be mailed to the florists over the state, and it is urged by the officers at this time that all members make it their particular business to invite non-members in their home cities and immediate localities to attend the Champaign-Urbana meeting.

The officers of the Illinois association

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..The..

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Special Deliveries Niagara Falls and Lockport

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All orders given prompt attention.

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All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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Regular discount allowed on all orders, either Plants or Cut Flowers.

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40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

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are C. E. Gullett, Lincoln, president; George Franks, Champaign, vice-president; J. F. Ammann, Edwardsville, secretary, and Frank L. Washburn, Bloomington, treasurer.

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Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
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New York	New York	S'hampton	Feb. 5
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Merion	Philadelphia	Liverpool	Feb. 5
Ortona	New York	Jamaica	Feb. 5
Coamo	New York	Porto Rico	Feb. 5
Kurfuerst	New York	Genoa	Feb. 5
Saxonia	New York	Egypt	Feb. 5
Kaiser d. G.	New York	Bremen	Feb. 8
Ivernia	Boston	Liverpool	Feb. 8
Manchuria	San Fr'isco	Hongkong	Feb. 8
Mauretania	New York	Liverpool	Feb. 9
Emp. of Japan	Vancouver	China	Feb. 9
La Savoie	New York	Havre	Feb. 10
Galicia	New York	Brazil	Feb. 10
Caledonia	New York	Glasgow	Feb. 12
Pannonia	New York	Naples	Feb. 12
K. Albert	New York	Genoa	Feb. 12
Canopic	New York	Italy	Feb. 12
Hamburg	New York	Genoa	Feb. 15
Chiyo Maru	San Fr'isco	Hongkong	Feb. 15
Awa Maru	Seattle	Hongkong	Feb. 15
Campania	New York	Liverpool	Feb. 16
Zeeland	New York	Antwerp	Feb. 16
Cedric	New York	Italy	Feb. 16
California	New York	Glasgow	Feb. 19

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INDEX BY TOWNS OF LEADING RETAIL FLORISTS.

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Wilkes-Barre, Pa.	Marvin's, Ira G.

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

It takes an 8-cent stamp to carry the general catalogue of Peter Henderson & Co.

A lot of business is being held up because of the non-arrival of the European seeds.

A subscriber writes to ask where he can obtain seeds of Acacia Riceana. Who has it?

Robert McMillen, the florist and landscape gardener of Greenwich, Conn., has entered the seed business and has been compiling a catalogue, to be issued about February 15.

Articles of incorporation of Poole's Seed & Implement Co., of Tacoma, Wash., have been filed by F. S., F. L., C. A. and C. L. Poole, who are the incorporators and trustees. The capital stock is $25,000.

The Schisler Seed Co., St. Louis, has been incorporated, with $20,000 authorized capital stock, half paid in. The shareholders are: C. W. Koenig, 100 shares; Arthur W. Schisler, Jacob Schisler, N. Kaercher and Wm. C. Essmueller, 25 shares each.

The new building of the Peter Henderson Co., New York, is fast approaching completion. Already the offices on the second floor are occupied. The marble front will soon be finished, and in room and conveniences the whole building will be unexcelled in the seed trade in this country.

The National Sweet Pea Society of America has issued a preliminary list of prizes offered for the society's annual exhibition, which will be held sometime in July, the exact date and place to be announced later. Copies of this list may be obtained by addressing Harry A. Bunyard, secretary, 342 West Fourteenth street, New York, N. Y.

W. Atlee Burpee & Co., Philadelphia, have issued "Sweet Peas Up-to-date," compiled by George W. Kerr, a well-known English sweet pea specialist who recently was added to the staff at Fordhook. The book of eighty pages contains cultural suggestions, descriptive lists of varieties by classes, and Burpee's selections of the best sorts for various purposes.

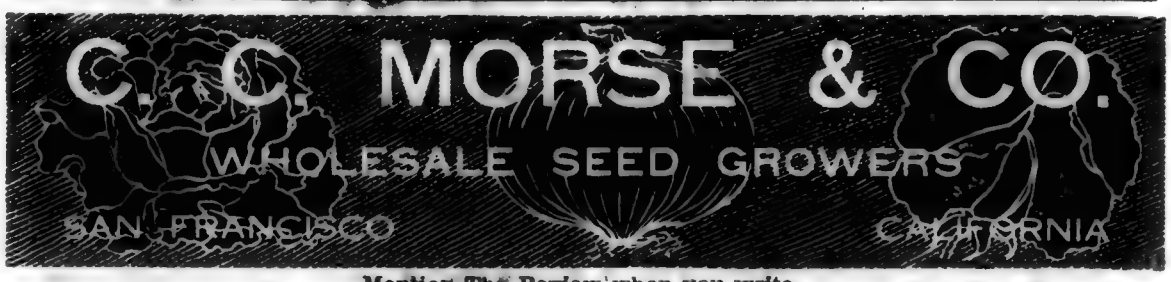
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S. F. Leonard, Chicago, has been on the sick list for several days.

The mail orders are coming in rather better than usual. January did not make many startling new records, but February is starting off well.

J. E. Hoopes & Co., growers on Muscatine island, in Iowa, say that contract seed orders for 1910 crop are coming in lively and are larger than ever.

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Azaleas, Rhododendrons, Clematis,
Roses, pot-grown plants for forcing.
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Specialties: **Beans**, Beets, Cabbages, **Carrots**, Kohl-Rabi, Leeks, Lettuces, **Onions**, **Peas**, **Radishes**, Spinach, Turnips, Swedes, **Asters**, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies**, Petunias, Phlox, Primulas, Scabious, **Stocks**, Verbenas, Zinnias, etc. Catalogue free on application.

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From ENGLAND — English Manetti, selected for grafting.
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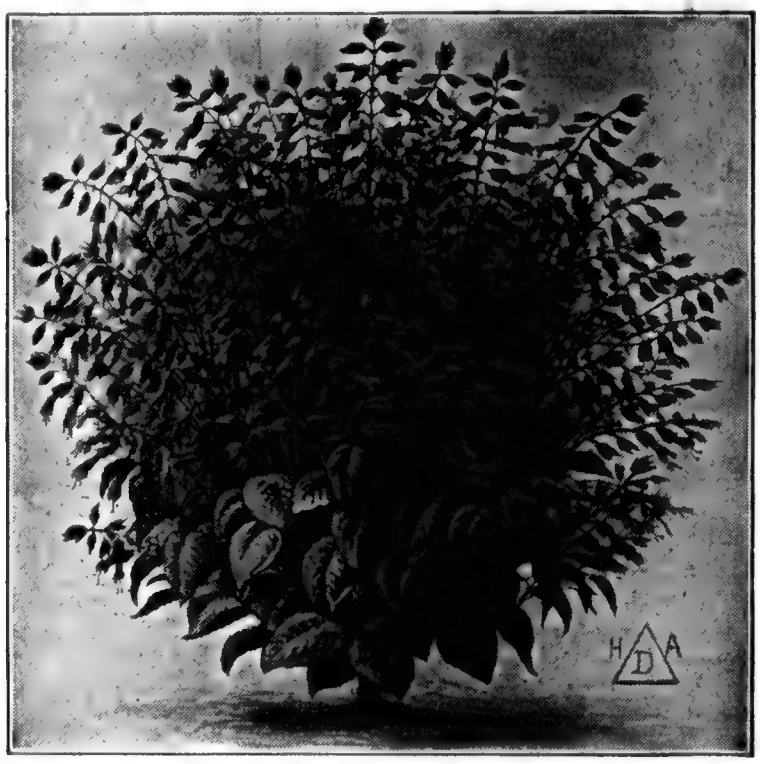
OTTO MANN, Leipzig, Saxony, Germany

Mention The Review when you write.

THE Pennsylvania State College Agricultural Experiment Station has issued a bulletin, "A Strain Test of Jersey Wakefield Cabbage," which will interest seedsmen.

AT the store of J. M. Thorburn & Co., 5 Barclay street, New York, Joseph Miller, one of the clerks, was instantly killed Monday, January 31. He attempted to board the elevator while in motion, slipped and was crushed. Mr. Miller was 44 years of age and unmarried. His home was at Hazlet, N. J. He was with Peter

DREER'S RELIABLE FLOWER SEEDS



SALVIA BONFIRE

We offer below a short list of flower seeds which should be sown early. New crops of same are now ready. For complete list see our current Wholesale Catalogue. If you have not received a copy we will send you one on application.

	Tr. pkt.	Oz.
Ageratum Blue Perfection, dark blue	$0.15	$0.50
Ageratum Cope's Pet, light blue	.15	.35
Alyssum Little Gem or Carpet of Snow, very dwarf	.15	.40
Antirrhinum Giant, white	.20	.50
" " scarlet	.20	.50
" " pink	.20	.50
" " garnet	.20	.50
" " yellow	.20	.50
" " striped	.20	.50
Begonia Semperflorens Vernon	.25	
Candytuft Empress, best white	.10	.20
Centaurea Gymnocarpa	.15	.35
" Candidissima	.25	.75
" Cyanus, new double blue	.25	.75
Cineraria Maritima Candidissima	$0.10	$0.20
Cobaea Scandens, blue	.15	.40
" " white	.20	.75
Delphinium Belladonna, new	.17	
Dracaena Australis	.15	.60
" Indivisa	.10	.30
Pennisetum Rueppelianum	.10	.25
Heliotrope Lemoine's Giant	.40	2.00
Ipomoea Grandiflora (White Moonflower)	.15	.40
Lobelia Crystal Palace Compacta, true	.25	1.00
" Emperor William	.25	1.00
" Speciosa	.15	.50
" Gracilis	.15	.40
Petunia Dreer's Superb Single Fringed	.50	
" Dreer's Superb Double Fringed, $1.50 per 1000 seeds.		
Pyrethrum aureum (Golden Feather)	.10	.25
Salvia Splendens, Scarlet Sage	.25	1.00
" " Bonfire	.40	2.25
" " Bali of Fire	.50	3.00
" " Burning Bush	.40	2.00
" " Zurich	.50	
Smilax	.10	.30
Solanum Capsicastrum	.10	.25
Stevia serrata	.20	.75
Stocks Large Flowering 10 weeks, blood red	.40	2.50
" " " " canary	.40	2.50
" " " " rose	.40	2.50
" " " " light blue	.40	2.50
" " " " purple	.40	2.50
" " " " pure white	.40	2.50
Stocks Cut and Come Again, white	.50	3.00
" " " " " rose	.50	3.00
" " " " " blood red	.50	3.00
" " " " " dark blue	.50	3.00
" " " " " yellow	.50	3.00
" " " " " lilac	.50	3.00
Thunbergia, mixed colors	.15	.40
Torenia Fournieri	.30	1.50
Verbena Mammoth, pink	.30	1.25
" " blue	.30	1.25
" " purple	.30	1.25
" " scarlet	.30	1.25
" " striped	.30	1.25
" " white	.30	1.25
" " finest mixed	.25	1.00

HENRY A. DREER 714 Chestnut St, PHILADELPHIA, PA.

Mention The Review when you write.

Henderson & Co. for several seasons and was a young man of splendid character and generally esteemed.

The market gardeners' demand from the southwest continues to show rapid increase.

It is so generally well known that peas are scarce that those who need peas, even in small quantities, are ordering earlier than usual, and this helps to bring in orders for other items earlier than ordinary.

Visited Chicago: John Bodger, Jr., of Gardena, Cal., and W. J. Fosgate, of Santa Clara, Cal., returning from the east, both reporting extremely satisfactory trade; A. Lehman, manager of the Lompoc Produce Co., Lompoc, Cal., en route for the east and a European trip; W. H. Barrett, Adrian, Mich.; Alex Matthews, representing the Peninsular Seed Co., Port Huron, Mich.

The papers of Philadelphia and vicinity recorded the death, January 25, of Alfred Landreth, a member of the family of Landreths identified with the seed business since 1784. This Mr. Landreth, while a grandson of the founder, was not connected with the seed business, as he was always in possession of sufficient income to live a life of leisure. He served in the Union army during the War of the Rebellion and was 75 years of age. He was noted for his gentleness and affability and possessed the affection of everyone.

OPAQUE POCKETS MAILABLE.

Some time ago the post-office department made a ruling that seed packets must be transparent, so that it would be possible to tell whether or not any written matter was enclosed in the packet. We now are informed that the department has granted an extension of time up to July 1, 1910, on this ruling, thus permitting seedsmen to make use of stock on hand.

This will be welcome news to the trade and it is hoped that before another season the post-office department will change its ruling in such a way that it will not interfere with the future mailing of seeds put up in the ordinary way. There have been no complaints of seed dealers taking advantage of this privilege by sending out first-class mail in seed packets. There is, therefore, no legitimate reason for making a special ruling against the opaque sealed packets.

ANOTHER PURE SEED BILL.

The State of Maryland is to have a pure seed law, if the efforts of Representative Collier, of Talbot county, bear fruit. Mr. Collier is drafting the bill. No penalty will be provided for seedsmen furnishing poor seeds, but a deterrent will be provided in publicity of reports on various samples. "The bill will have a moral effect," said Mr. Collier. "Samples will be taken and the results will be published periodically in a bulletin, and this, we believe, will keep the seedsmen up to the mark and their goods up to a high standard. We do not wish to impose any hardship on the seedsmen, but we do wish to protect the farmer."

The Review sends Smith's Mum Manual on receipt of 40 cents.

CATALOGUES RECEIVED.

Northrup, King & Co., Minneapolis, Minn., flower, garden and field seeds, plants, implements, etc.; Heller Bros. Co., New Castle, Ind., roses and other plants; W. W. Wilmore, Denver, Colo., dahlias, gladioli, peonies and hardy plants; Martin Kohankie, Painesville, O., plants, shrubs and other nursery stock; the McGregor Bros. Co., Springfield, O., roses and other plants, seeds, etc.; E. Neubert, Wandsbek, Germany, ferns, begonias, lilies, etc.; the Connon Floral Co., Hamilton, Ont., wholesale list of bedding plants, roses, vines, shrubs and perennials; William Toole & Sons, Baraboo, Wis., pansy seeds and plants, ornamental shrubbery, etc.; W. Atlee Burpee & Co., Philadelphia, Pa., wholesale seed list for market gardeners and florists; Pacific Nurseries, San Francisco, Cal., trees, shrubs, roses, camellias, etc.; S. S. Pennock-Meehan Co., Philadelphia, Pa., circular on "Smith's Patent Display Vase"; John R. Box, Croydon, England, special list of begonia seeds and tubers.

BOSTON.

The Market.

Business held fairly good during last week, January 29 seeing supplies well cleaned up. The present week opens with a steady trade and values in most cases well maintained. Roses, owing to the warmer and generally clear weather, have been more abundant, except in the case of American Beauties, which are off crop, and long-stemmed flowers are specially short. Carnations appear to be shortening up and prices have shown a harden-

Rawson's World Renowned Asters

We never had a dissatisfied customer with Rawson's Asters; we need no better recommendation. Rawson's Aster Seeds are fresh, plump and of unapproachable quality.

NOVELTIES FOR 1910

ASTER, AURORA. The most unique colored Aster ever introduced. Yellow, passing to old rose. The flower-petals first appearing are shaped similar to those of the "Comet" type and are a perfect yellow, but when the flower is fully expanded it takes on a tint of delicate fresh rose, which the artist calls "old rose." The plant grows fully 24 inches high in a pyramid form and produces any quantity of double blooms 3½ inches across. Pkt., 35 cts.

ASTER, CACTUS CELESTINE. A new form of petal, resembling exactly a true Cactus Dahlia. The color is a most delicate lilac of unusual beauty. Pkt., 20 cts.

ASTER, CROWN OF GOLD. A pure, delicate yellow flower, of good size and borne on stout stems, resembling in shape the Victoria Aster. Its color is original and did not exist heretofore. Pkt., 20 cts.

ASTER, RAWSON'S NEW GLORY.

(Introduced by us in 1909.)

The most perfected type of Giant Comet that can possibly be produced. The flowers invariably measure 6 inches across and are always double. In our whole field last year we could not discover a single plant which showed the least sign of disease. The long stems are graceful and not stiff. Colors are distinct and most desirable for commercial use.

	⅛ oz.	¼ oz.	oz.
Pure White	$0.60	$1.00	$3.50
Delicate Lavender	.60	1.00	3.50
Shrimp Pink	.60	1.00	3.50
Finest Mixed	.50	.80	3.00

ASTER, TRIUMPH OF PARIS. The nearest approach to a yellow aster. The form is a single comet with a quilled center. The petals consist of two rows of glistening white, while the quills are a clear yellow. Stems range 2 feet in height and produce the giant blooms singly. A grand aster for the florist. ⅛ oz., $1.00.

THE CREGO ASTER. This aster is the nearest approach to a chrysanthemum of any flower grown. It is unusually large in size, running 4 to 5 inches in diameter when well grown. The petals are about double the length of those in the older varieties, and are twisted and curled in such a manner as to give the blossoms an exceedingly beautiful fluffy appearance. The plants are large and vigorous, producing their blossoms on very long stems. The central stalk is very short, the branches breaking out very near the ground, are generally clean their entire length, needing little or no disbudding, making it the easiest variety to prepare for market I have ever seen. Our seed is direct from the originator.

		⅛ oz.	½ oz.	oz.
Colors:	Pure White	$1.00	$3.50	$6.00
	Shell Pink. (Exact shade of Enchantress Carnation)	1.00	3.50	6.00
	Dark Pink	1.00	3.50	6.00

ASTER, RAWSON'S PINK BEAUTY. Unquestionably a grand and valuable florist aster and mainly so on account of its color and massive flower. The form of flower is a perfected Victoria which never shows a center. The color is so intensely beautiful that a graphic description can never do it justice. Delicate peach-tinted pink with a glowing shade of rich pink towards the center. No other aster can boast of such a pleasing combination. The stem of this flower is fairly tall and very erect. The plant branches from the bottom. ⅛ oz., 60 cts.; oz., $4.00.

NOVELTIES FOR 1910—Continued

ASTER, GEISHA. This strain originated in Japan and this can easily be seen in the formation of the flower. We were so much impressed with the attention the visitors to Rawson's Dahlia Farm paid to this fantastic type that we were actually forced to catalogue it and now believe it has a great future. The plant is extremely robust and produces stout stems growing very erect and carrying their gigantic flower formed of fine needle-shaped tubed petals around a conspicuous central disc. The very open center of this flower has an immense charm which appeals to the public, and as we must first of all please them, this is a point in its favor.

		⅛ oz.	oz.
Colors:	Pure White	$0.60	$4.00
	Salmon Pink	.60	4.00
	Delicate Lavender	.60	4.00
	Finest Mixed	.60	4.00

STANDARD VARIETIES

DAWN OF DAY

(Novelty, 1908.) The earliest flowering Aster in existence. Fine white, perfect in form and growth, long branching stems and flowers; often three weeks ahead of Queen of the Market. It is of branching habit and very full and if freely cut will continue to bear blooms until late in fall. See last week's Review, page 8. ⅛ oz., 50c; oz., $3.00.

RAWSON'S NEW MIDSUMMER ASTER.

This is our own introduction. We have received high praise from all growers. It has most graceful formed flowers, which are borne on immense long stems full two weeks ahead of the Late Branching Aster, and the plants will continue to bear flowers as late.

The colors are true and hardly any open-centered flowers among them.

	¼ oz.	oz.		¼ oz.	oz.
Pure White	$0.60	$2.00	True Lavender	$0.60	$2.00
Delicate Shell Pink	.60	2.00	Bright Rose	.60	2.00
Royal Purple	.60	2.00	Finest Mixed	.50	1.50

RAWSON'S DAYBREAK. This variety must not be compared with the strain offered elsewhere and a trial will convince the ever-so-critical of its superiority. ⅛ oz., 40c; oz., $2.50.

RAWSON'S PURITY. (Pure white.) Of the same type as Daybreak, differing only in color, which is a pure glistening white. Just as free-flowering and symmetrical as Daybreak and undoubtedly unsurpassed as a white bedding variety. ⅛ oz., 50c; oz., $3.00.

ASTER, RAWSON'S LATE BRANCHING. Flowers are very large in size and borne on long, stiff stems. It is one of the best and most popular varieties for late flower markets.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.25	$0.75	Rose Pink	$0.30	$1.00
Crimson	.30	1.00	Shell Pink	.30	1.00
Dark Blue	.30	1.00	Scarlet	.30	1.00
Light Blue	.30	1.00	White	.30	1.00

RAWSON'S QUEEN OF THE MARKET ASTER. The best early Aster for the Florist, quality being very much improved.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.15	$0.50	Rose	$0.20	$0.60
Crimson	.20	.60	Peach Blossom	.20	.60
Dark Blue	.20	.60	White	.20	.60
Light Blue	.20	.60			

TWO NEW SALVIAS FOR 1910

ZURICH. The best salvia yet introduced. Plants grow very compact, show little foliage and bear heavy flower spikes, which are thickly laden with bright scarlet flowers. Flowers early in July and remains in bloom with later varieties, ⅛ oz., 75c; oz., $5.00.

SALVIA SPLENDENS. KING OF CARPETS. The best dwarf bedding Salvia on the market today, outrivaling even "Zurich." The plants branch from the bottom and to such extent that the main stem is never visible. All side branches droop completely to the ground, making the whole plant a perfect half ball of fire. The plant grows but 15 inches high and flowers even earlier than "Zurich." ⅛ oz., $1.00; oz., $6.00.

The veteran Salvia grower, Mr. F. Bedman, says: "About the Salvia, 'King of Carpets.' It has done very well considering the dry weather that we have had, and I consider it one of the grandest dwarf salvias that I ever saw."

W. W. RAWSON & CO.

5 Union Street, BOSTON, MASS., U. S. A.

Mention The Review when you write.

ing tendency, the prices varying from $3 to $5 per hundred, only poor flowers selling below the former figure. Violets are increasing in numbers, and singles are of exceptional excellence. Bulbous stock is much more plentiful and prices on tulips and narcissi have declined. Quite a few poeticus ornatus are now coming in. Romans and Paper Whites are still plentiful.

There is no great surplus of lilies and callas, but lily of the valley is in heavier supply and moving more slowly. Some good mignonette is seen, fancy spikes bringing $1 per dozen. Antirrhinums are also coming of much better quality. Stevia is now practically finished. Freesia is quite plentiful, the variety Purity being much the best and selling up to 6 cents to 8 cents per stalk. Cattleya Trianæ averages $6 per dozen and is in good supply and demand. There is a steady demand for asparagus and adiantum.

Club Notes.

The annual banquet of the Gardeners' and Florists' Club at Horticultural hall, January 27, was a grand success, 200 members and ladies being present. Shooshan catered in first-class style. The tables, chandeliers and stage were beautifully decorated with roses, carnations, freesias, antirrhinums, orchids and other cut flowers, while numerous palms and flowering plants were used. Southern smilax was freely used on the chandeliers. At the close of the banquet short addresses were made by Vice-President P. M. Miller, J. K. M. L. Farquhar, ex-President William Downs, E. H. Wilson and E. O. Orpet. W. J. Stewart made an efficient toastmaster. Scotch dances by Miss Nellie Ferguson, solos by George Collins and readings by Miss Chaffee were well rendered and vigorously encored.

Dancing commenced at 10 o'clock and continued until after midnight. Nearly everyone present joined in the grand march, and the entire evening was one of unalloyed pleasure, and without question the most successful and enjoyable the club has yet held. Great credit is due the committee having the affair in charge, who worked hard and were well rewarded for their pains. Many regrets were expressed at President Duncan's absence, owing to sickness in his family. Ex-President Pettigrew was also away, owing to indisposition. A message of good cheer and a handsome box of flow-

Dreer's Tuberous Rooted Begonias

Fancy Leaved Caladiums, Gloxinias and Tuberoses.



The Begonias and Gloxinias which we offer are grown for us by an expert who has made a specialty of this class of plants for many years. You can secure cheaper, but not better stock.

Begonias, Singles in separate colors, Scarlet, Crimson, White, Rose, Yellow and Orange, 40c per doz.; $2.50 per 100; $22.50 per 1000.

Begonias, Singles in choicest mixture, 35c per doz.; $2.25 per 100; $20.00 per 1000.
Double in separate colors, Scarlet, Rose, White and Yellow, 60c per doz.; $4.50 per 100; $40.00 per 1000.

Begonias, Doubles in choicest mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

Sun-Proof Begonia, Duke of Zeppelin, 85c doz.; $6.00 per 100.
" " **La Fayette,** $1.25 per doz.; $8.00 per 100.

Frilled Begonias, in separate colors, Scarlet, White, Pink and Yellow, $1.00 per doz.; $7.00 per 100; $65.00 per 1000

Gloxinias, Separate colors or in choice mixture, 60c per doz.; $3.50 per 100: $30.00 per 1000.

Fancy Leaved Caladiums, choicest standard Varieties, $1.50 per doz.; $10.00 per 100.
" " " choice new and rare varieties, $2.00 per doz.; $15.00 per 100.
" " " select new varieties, $3.50 per doz.; $25.00 per 100.

Double Pearl Tuberoses, selected bulbs, 4 to 6 inches in circumference, $1.00 per 100; $8.00 per 1000.

For a full list of seasonable Plants, Bulbs and Seeds, see our **Quarterly Wholesale Price List,** issued Jan. 1.

HENRY A. DREER, Inc., Philadelphia

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY

Mention The Review when you write.

ers were voted to genial Treasurer Hatch, who is seriously ill. A telegram of congratulation was sent to Pittsburg to the carnation convention, in annual banquet assembled the same evening. The news of the carnation convention coming to Boston in 1911 and E. A. Peirce's election to the vice-presidency was received with enthusiasm.

At the club meeting February 15, S. J. Goddard will read a paper on "Carnations." This being carnation night, there will be a big display of new and standard varieties, and a rousing attendance is a certainty. Those from a distance desiring to exhibit novelties should address them to W. N. Craig, Horticultural hall, Boston (for Gardeners' and Florists' Club), so that they will arrive Tuesday, February 15.

Massachusetts Horticultural Society.

The full schedule for the big orchid exhibition in Boston, opening May 26, is now ready and may be had on application to W. P. Rich, Horticultural hall, 300 Massachusetts avenue, Boston. Additional classes added since the preliminary schedule are as follows: Group of botanical orchids, not less than twenty-five plants and fifteen genera, silver medal and $25, bronze medal and $15; six orchids, distinct genera, silver medal and $50, bronze medal and $25. For three orchid plants, distinct genera; three cattleyas, distinct species; three lælias, distinct species; three lælio-cattleyas or brasso-cattleyas, distinct; six miltonias; six odontoglossums, not less than three species; three orchids, bigeneric hybrids, other than lælio-cattleyas or brasso-cattleyas; and three orchids, distinct genera, not otherwise provided for, first prizes of a silver medal and $25 and second prizes of a bronze medal and $15 are provided. For three cypripediums, distinct species, a silver medal and $15 and bronze medal and $15 are provided. For single specimen plants of cattleya, cymbidium, cypripedium, dendrobium, lælia, miltonia, odontoglossum, oncidium, saccolabium or ærides, sobralia, vanda, bigeneric hybrid, other than lælio-cattleya and brasso-cattleya, and any other genera not provided for in schedule, prizes of a silver medal and bronze medal will be given. A gold medal is also offered for the best specimen orchid plant in the exhibition.

There promises to be a keen contest for the 400-foot group of orchids; in this class prizes offered are $1,000, $500 and $250, in addition to gold, silver and bronze medals. There are also several other big classes with valuable prizes. Exhibits are already promised from Belgium and Great Britain, in addition to the United States.

The midwinter show at Horticultural

GLADIOLI...

Here is good value. All stock is 1⅛-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3.00	$25.00	**Geo. Paul**	$4.00	
Golden Queen	4.00	30.00	**Giant Pink**	4.00	$30.00
America	3.50	30.00	**Le Pactole**	3.00	25.00
Augusta	2.00	15.00	**Klondyke**	4.00	30.00
Africa	4.00		**May**	2.00	15.00
De Cheville	2.00	15.00	**Mohawk**	5.00	
Easter	1.50	12.00	**Mrs. Francis King**	2.50	20.00
Florida	2.00	15.00	**Marie Lemoine**	1.50	10.00

5 per cent discount for cash.

E. E. STEWART, - Rives Junction, Mich.

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Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

H. N. BRUNS, 3040 Madison St., **CHICAGO**

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should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

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JAMES VICK'S SONS

ROCHESTER, N. Y.

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Send for our new and complete Spring 1910 Catalogue.

Full List Seeds, Bulbs, Plants.

H. H. BERGER & CO., 70 Warren St., New York

Boddington's Quality Sweet Peas

At the exhibition of the National Sweet Pea Society of America, held at the American Museum of Natural History, New York City, July 7 and 8, 1909, we were awarded the C. C. Morse Co.'s

SILVER CUP

for the finest collection of Sweet Peas. Open to the trade only.

Remember you may deduct 5 per cent if cash accompanies the order.

25c per lb.;

Agnes Johnstone, soft light pink
Apple Blossom, rose and white
Bolton's Pink, orange-pink
Blanche Ferry, "extra early," rose and white
Black Knight, maroon
Dainty, light pink
Duke of Westminster, blue and purple
Dorothy Eckford, pure white
Earliest of All, pink and white
Emily Henderson, pure white
Evelyn Byatt, orange-pink
Emily Eckford, mauve and blue
Flora Norton, blue and purple
Honorable Mrs. E. Kenyon, pale yellow
Jeannie Gordon, light pink
Janet Scott, pale yellow or primrose
Katherine Tracy, pink shades
King Edward VII, crimson-scarlet
Lovely, light pink
Lady Grisel Hamilton, lavender and mauve.
Lottie Eckford, lavender and mauve, picotee edged
Lord Nelson, violet and indigo
Mont Blanc, pure white
Miss Wilmott, orange-pink
Mrs. Walter Wright, mauve and blue
Mrs. Geo. Higginson, Jr., lavender and mauve
Mrs. Collier, pale yellow
Navy Blue, violet and indigo
Othello, maroon
Prima Donna, pink
Queen Alexandra, crimson-scarlet
Queen of Spain, light pink
Queen Victoria, pale yellow or primrose
Romolo Piozzanni, mauve and blue
Salopian, crimson-scarlet
Stella Morse, light pink and primrose
Shazada, maroon
Shasta, pure white
Sadie Burpee, pure white
White Wonder (double), pure white

10c per ¼ lb.;

Black Michael, maroon, lb., 35c; ¼ lb., 15c; oz., 10c.
Earliest Sunbeams, pale yellow or primrose, lb., 40c; ¼ lb., 15c; oz., 10c.

5c per oz.

Duke of Sutherland, maroon
***Gladys Unwin**, light pink
Helen Pierce, violet, feathered white
Henry Eckford, salmon-orange
***Her Majesty**, rose-crimson
***Mrs. Alfred Watkins**, light pink
***Nora Unwin**, pure white
***Paradise**, light pink
Phenomenal, lavender and mauve, picotee edged
***Primrose Spencer**, pale yellow or primrose.
— 50c per lb.; 15c per ¼ lb.; 10c per oz.

***Countess of Spencer Hybrids Mixed**, mixed — 75c per lb.
***E. J. Castle**, rose-crimson
***Frank Dolby**, lavender and mauve
***Phyllis Unwin**, deep rosy carmine, self
— 25c per ¼ lb. 10c per oz.

***Countess of Spencer** (true stock), light pink
†**Christmas Pink** (Boddington's), pink and white
†**Christmas White** (Boddington's), pure white
†**Florence Denzer**, pure white
— $1.00 per lb.; 40c per ¼ lb.; 10c per oz.

Earliest White, pure white, lb., $1.25; ¼ lb., 40c; oz., 10c

***Enchantress**, light pink
***Florence Morse Spencer**, pink shades
***George Herbert**, almost self-carmine
***Helen Lewis**, orange-pink
***John Ingman**, rose and white
***Prince Olaf**, striped and mottled blue, white ground
***White Spencer**, pure white
— $1.50 per lb.; 40c per ¼ lb.; 15c per oz.

	Per lb.	¼ lb.	Oz.
†**Watchung**, pure white	$1.75	$0.50	$0.20
†**Snow Bird** (Boddington's), pure white	2.00	.75	.20
†**Canary**, pale yellow or primrose	2.50	1.00	.30
†**Flamingo**, rose-crimson	5.00	1.50	.50

Those marked with a * are Countess of Spencer or Unwin types.
Those marked † are winter flowering.

See our Florists' Catalogue for Novelties and other Spencer Sweet Peas, mailed free. For other Florists' Seeds, see our adv., page 41, January 6 issue of The Review.

ARTHUR T. BODDINGTON

Seedsman, 342 W. 14th Street, NEW YORK CITY

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

just arrived. Our usual high grade quality. Also cold storage pips.

PRICES ON APPLICATION

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33 Barclay Street, through to 34 Park Place, NEW YORK.

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OUR SPECIALTY

Next fall will be
LYCORIS SQUAMIGERA (Amaryllis Hallii.)
HOME-GROWN LILIUMS.
All varieties of German and Japan Iris.
—Write for prices.—

JOHN LEWIS CHILDS, Floral Park, N. Y

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LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

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hall is scheduled for February 26 to 28. It promises to be an impressive one, rivaling the annual spring show in extent and interest. There are quite a number of valuable inducements for commercial growers in the carnation, rose, sweet pea and other classes, and a number of silver medals are included.

Various Notes.

The promise of the carnation convention and rose convention for Boston in 1911, in conjunction with the national show, will help to make the coming national show a memorable one. Some carnationists may object to the late date, but all will probably be willing to fall in line with President Pierson's wishes for a big joint meeting.

E. J. Rogean is handling extra fine lily of the valley from A. N. Pierson, Cromwell, Conn., at Park Street Market.

N. F. Comley likes White Enchantress so well he says he will plant 30,000 of it next season.

John Beaton, of the R. & J. Farquhar & Co. staff, is seriously ill at his home with inflammatory rheumatism. He was taken sick while making a business trip in New York state in the interests of his firm.

Mann Bros., Tailby & Son, E. Sutermeister Estate and Paine Bros. are handling extra fine lots of bulbous stock at present.

Peirce Bros. are selling large quantities of well grown cyclamen, also azaleas extra well flowered.

Lemoine Bros., of South Framingham, have a fine house of sweet peas in full crop. Their carnations are also doing extra well.

D. J. Lamie, a popular salesman for several growers at Park Street Market

FLORISTS' FLOWER SEEDS

		Trade pkt. of about 1000 seeds.	Oz.
Aster	Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
"	Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
	Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
"	Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1 00
"	American Beauty	.25	2.00
"	Snowdrift	.25	1.50
Pansy	Currie's International Mixture ⅛ oz., $1.25	.50	8.00
"	Giant Florists' Mixture ⅛ oz., .60	.35	4.00
Verbena	Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
Stocks	Largest Flowering Dwarf Double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
"	Cut and Come Again, white, mixed	.25	2.50

Send for 1910 catalogue and trade price list.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

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Reliable Seeds, Sow Now

		Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts., $1.25; oz., $5.00	$0.25
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6 tr. pkts.. 2.50	.50
Echeveria Woodlawn, new, ready in 6 months after sowing	1000 seeds, 2.00	.50
Petunia, Zangen's **Single Ruffled and Fringed Hybrids**	6 tr. pkts., 5.00	1.00
Phlox Drummondi, nana compacta. Fireball..	Best for oz., 2.50	.35
Phlox Drummondi, dwarf **Roseball**	pot " 2.00	.30
Phlox Drummondi, nana compacta. **Snowball.**	use. " 3.00	.40
Phlox Drummondi Cecily, large flowered dwarf mixed	" 2.50	.35
Salvia Zangen's King of Scarlets, best late...	Unexcelled strain " 10.00	.50
Salvia Zurich, most valuable for early pot use....	of my own raising. " 8.00	.50

If you are interested in Flower Seeds of horticultural and floricultural value, ask for Catalogue.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

Fine Aster Seed

Catalogue now ready

Vick & Hill Co.

P. O. Box 613 ROCHESTER, N. Y.

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XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots; pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected. 6000 seeds. $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double. 500 seeds. $1.00; ⅛ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

SALVIA WM. PFITZER, very fine, dwarf, fiery red, extra. trade pkt., 25c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ⅛ pkt., 25c.

LOBELIA PUMILA SPLENDENS, dwarf, very dark blue, finest of all the Lobelias, pkt. 20c.

SHAMROCK

IRISH. THE REAL THING! GREEN

Best to order early and grow on for strong plants for St. Patrick's Day. Our stock is very fine, $4.00 per 100, or by mail, postpaid, 50c doz.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

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Asparagus Sprengeri	per 1000 seeds,	$0.75
Petunia, large-flowering, double-fringed, tr. pkt.		1.00
Petunia, large-flowering, single-fringed, tr. pkt.		.50
Petunia, large-flowering, single California Giants	tr. pkt.	.50
Salvia Zurich	oz.,	5.00
Salvia Triumph	oz.,	5.00
Moon Flower, white seed		.35

Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W. C. BECKERT, Seedsman

103 Federal St., N. S., PITTSBURG, PA.

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No. 2, is planning to join the benedicts in the near future.

I. E. Coburn, of Everett, is the recipient of many congratulations. It is a boy this time.

E. H. Wilson lectured before the Bar Harbor Horticultural Society on "Plant Collecting in the Heart of China" last week, and had a large and interested audience. Mr. Wilson will start on his

S. & W. Co.'s Begonias and Gloxinias



Our stock of these bulbs are the best and finest strains in existence; we have been supplying the same customers for the past ten years with our strains, and adding new customers each year.

Begonias

SINGLE

Scarlet ..... 1¼ to 1½ in.
Dark Red .....
Pink .....
Rose .....
White .....
Yellow .....
Orange .....
Salmon .....
Mixed .....

40c per doz.
$2.50 per 100

DOUBLE

White .....
Yellow .....
Orange .....
Rose .....
Dark Rose .....
Dark Red .....
Red .....
Salmon .....
Mixed .....

65c per doz.
$5.00 per 100

GLOXINIAS—S. & W. Co.'s Superb Strain

	Doz.	100
Emperor Frederick, red, bordered white	$0.75	$5.00
Emperor William, violet, bordered white	.75	5.00
Princess Elizabeth, white, bordered blue	.75	5.00
Mont Blanc, pure white	.75	5.00
Violacea, dark violet	.75	5.00
Queen Victoria, dark rose	.75	5.00
Princess Mathilda, white, bordered rose	$0.75	$5.00
Madame Helene, white, crowned violet	.75	5.00
Defiance, scarlet	.85	6.00
King of the Reds, deep scarlet	.85	6.00
Prince Albert, dark violet	.85	6.00
Finest Mixed	.60	4.00

Stumpp & Walter Co. 50 Barclay St., NEW YORK

Mention The Review when you write.

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Boddington's White and Light. Extra selected bulbs. 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman
342 W. 14th St. NEW YORK CITY

Bridgeman's Seed Warehouse

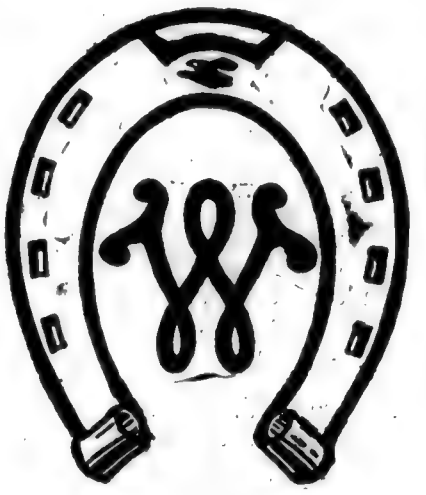
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SEEDS, BULBS, PLANTS, Etc.

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Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

Horseshoe Brand Products

If you are working for a man, work for him with all your might; believe in him; and stick to him through thick and thin. An ounce of loyalty is worth a pound of cleverness. Get your happiness from your work, for without work you could not be happy. Be patient and persevere and success will surely come. In growing bulbous stock the same principle applies. Be loyal to your business and business associates. Every business is a good business, but how good depends upon the man. In the Bulb business the man must buy the best the market affords; grow them well; keep them free from aphis and other parasites; and work with all his might. Such a man will succeed.

We are direct importers of large quantities of good Bulbs and Roots, many Plants, some Nursery Stock and other odds and ends, such as Bamboo Canes, Orchids, Cycas, etc., etc.

Write Us

Ralph M. Ward & Co.
12 W. Broadway, NEW YORK

Not how cheap—But how good

DORMANT CANNAS

Guaranteed True To Name.

With from 2 to 3 eyes each. Special Cash discount of 10% on all February orders.

Orchid-flowered

	Doz.	100	1000
Allemania	$0.35	$2.25	$20.00
Austria	.50	3.00	27.50
Burbank	.30	2.00	17.50
Fred. Benary	.90	6.00	55.00
Italia	.50	3.00	27.50
Kate Gray	.40	2.50	22.50
Partenope	.40	2.50	22.50
Pennsylvania	.40	2.50	22.50

Pink Flowers

	Doz.	100	1000
L. Patry	$0.35	$2.25	$20.00
M. Berat	.40	2.50	22.50

Bronze-leaved

	Doz.	100	1000
David Harum	$0.50	$3.00	$27.50
Egandale	.50	3.00	27.50
King Humbert	1.25	8.00	75.00

Red Flowers—Green Leaves

	Doz.	100	1000
Chas. Henderson	$0.40	$2.50	$22.50
Explorateur Crampbel	.50	3.00	27.50
Chicago	.40	2.50	22.50

Variegated Flowers

	Doz.	100	1000
Elizabeth Hoss	$0.60	$4.00	$35.00
Florence Vaughan	.50	3.00	27.50
Souv. D'Antoine Crozy	.60	4.00	35.00

Yellow and Cream Flowers

	Doz.	100	1000
Alsace	$0.50	$3.00	$27.50
Coronet	.60	4.00	37.50
Buttercup	.90	6.00	55.00

Hofgartner Hoppe, 90c per dozen; $6.00 per 100; $50.00 per 1000. **George Birdell,** $1.25 per dozen; $8.00 per 100; $75.00 per 1000. **George Washington,** 50c per dozen; $3.00 per 100; $27.50 per 1000.

Mosbaek Greenhouse Co., Onarga, Ill.

Mention The Review when you write.

fourth trip to China in a short time, in the interests of the Arnold Arboretum.

J. F. Flood, of Dedham, has purchased the estate of the late David Fisher, of Montvale, Mass., and will operate it on his own account. Mr. Flood is at present one of the members of the firm of J. F. Flood & Co., Dedham. He is an active member of the Gardeners' and Florists' Club of Boston, and his many friends wish him every success in his new venture.

H. Howard Pepper, of the Melrose Gardens Co., Providence, R. I., was one of the visitors at the late club banquet in Boston. W. N. Craig.

Frank Reynolds, of the Music Hall Market, was the happiest man in Boston last week, and he was kept busy handing out the perfectos. The stork arrived at the Reynolds home in Dorchester with a 12-pound daughter.

COLEUS FOR NAMES.

We are sending you under separate cover some coleus labeled by numbers. Kindly give us the names of the varieties, by number. W. E.

The leaves were about all black on arrival and identification was impossible. There are so many seedling coleus on the market, unnamed and quite generally cultivated, that it is virtually out of the question to name them, and I regret my inability to do so in this case.

W. N. C.

MILLEPEDS.

I am mailing you a package containing some small worms, which I find in my soil and under the flower pots. I should like to be informed whether they are harmful to the plants and what they are called. I have fumigated with Nico-fume paper. I wonder whether this will kill them, for I have found a quantity of them on the surface of the soil since, as though they were dead. G. H. R.

These are millepeds, commonly known as thousand-legs. They are not particularly harmful to plants. You can get rid of them by spraying them with a strong nicotine solution, or covering with tobacco dust. Fumigation with hydrocyanic acid gas and nicotine will kill any on the surface of the soil. Those in the soil can be easily destroyed by boring holes in the soil a foot apart each way and dropping a little carbon bisulphide in each. Immediately cover the holes after dropping in the carbon. The fumes are penetrating. This will explode if a naked light should be placed near it, so handle it carefully. It kills all larvæ and worms in the soil. C. W.

Dayton, O.—M. D. Schmidt & Son state that they have received many compliments on their seedling mums, but have decided to grow them another season before dissemination.

Winterson's Seed Store

45-47-49 Wabash Ave., Long Distance Phone Central 6004 **CHICAGO**

Plantsmen, Nurserymen, Seedsmen and Florists' Supplies

We can supply everything the Florist Uses Catalogue Free

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LILIUM GIGANTEUM

7/9, fine bulbs, $24.00 per case. Ready for delivery from cold storage as desired.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

Crego Aster Seed

The Crego Pink Aster is the largest and finest variety grown. We can furnish seed of our own growing saved from the very best flowers only, all inferior plants being discarded. This seed was saved from the finest lot of asters we ever saw. Price, ¼ oz., 60c; ounce $2.00.

Ask for catalogue of our seeds.

Joseph Harris Co., Seed Growers **Coldwater, N.Y.**

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Western Florist Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.

DENVER, COLO.

Mention The Review when you write.

CANNAS Dahlias, Ferns, Asparagus, Ficus

See classified department for prices

Wagner Park Conservatories

SIDNEY, O.

Always mention the Florists' Review when writing advertisers.

CANNAS

F. O. B. Chicago or New York

For Immediate Delivery

Red-flowering Shades

	100	1000
Louisiana, 7 ft.	$1.75	$15.00
Alice Roosevelt, 4 ft.	3.00	25.00
A Bouvier, 5 ft.	1.50	14.00
Beaute Poitevine, 3½ ft.	2.00	17.50
Black Prince, 3 to 4 ft.	2.25	20.00
Chas. Henderson, 4 ft.	1.75	15.00
Crimson Bedder, 3 ft.	2.00	17.50
Duke of Marlborough, 4½ ft.	1.75	15.00
J. D. Eisele, 5 ft.	1.75	15.00
Exp. Crampbel, 5½ ft.	1.50	14.00
Express, 2 to 2½ ft.	2.25	20.00
Pres. McKinley, 2½ to 3 ft.	1.50	14.00
Tarrytown, 3½ ft.	1.75	15.00

Red, Gold-edged and Spotted Shades

	100	1000
Gladiator, 4 ft.	$2.75	$25.00
Cinnabar, 4½ ft.	1.75	15.00
Indiana, 3 to 4 ft.	1.75	15.00
Queen Charlotte, 3½ ft.	2.25	20.00
Mme. Crozy, 5½ ft.	2.25	20.00
Premier, 2½ ft.	2.00	17.50
Souv. de A. Crozy, 4 ft.	2.75	25.00

Pink Shades

	100	1000
L. Patry, 4½ ft.	$1.75	$15.00
Louise, 5 ft.	2.00	17.50
Mlle. Berat, 4½ ft.	1.75	15.00
Tennyson, 5½ ft.	2.75	25.00

Yellow Shades

	100	1000
Buttercup, 3½ ft.	$1.75	$15.00
C. de Bouchard, 4½ ft.	2.00	17.50
Florence Vaughan, 5 ft.	2.50	20.00
L. E. Bailey, 4½ ft.	2.75	25.00
Richard Wallace, 4½ ft.	2.75	25.00

White and Cream Shades

	100	1000
Alsace, 3½ ft.	$1.75	$15.00

Bronze-leaved, Large-flowered

	100	1000
Brandywine, 4 to 5 ft.	$2.00	$17.50
Black Beauty, 5 ft.	2.75	25.00
David Harum, 3½ ft.	2.75	25.00
Egandale, 4 ft.	1.50	14.00
King Humbert, 4 ft.	3.25	30.00
Leonard Vaughan, 4½ ft.	1.75	15.00
Musafolia, 5 ft.	2.75	25.00
Pillar of Fire, 6 to 7 ft.	2.25	20.00
Robusta, 6 to 8 ft.	1.75	17.50
Shenandoah, 6 ft.	1.75	15.00

Orchid-flowering Cannas

	100	1000
Allemania, 4 to 5 ft.	$1.75	$15.00
Austria, 5 ft.	1.25	12.00
Italia, 4½ ft.	1.75	15.00
Kronus, 5 ft.	1.75	15.00
Mrs. Kate Gray, 6 ft.	1.75	15.00
Pennsylvania, 5 ft.	1.75	15.00
Wyoming, 7 ft.	2.75	25.00

Study this—Our Cannas are true to name—2 and 3, sometimes 4 eyes—are sound, dormant, and are packed 250 in a box; two can be "cleated" together and shipped as one. One box of 250 sold at 1000 rate; it is cheaper for you to buy a box than 200 at 100 rate. Write for special prices on large lots.

Chicago and Western Agents for our Cannas

WINTERSON'S SEED STORE, 45-47-49 Wabash Ave., CHICAGO

ARTHUR T. BODDINGTON

Seedsman, 342 W. 14th St., NEW YORK CITY

Headquarters for all

White Lilac

The finest flower of the season now in steady supply. $1.50 per bunch. Not to be had elsewhere.

Roses

Beauties, the finest Killarneys in town, choice Bride and Maid. When you want good roses, or many roses, or short roses, order of us.

Orchids

Special fine Cattleyas at $6.00 to $9.00 per doz. Also Dendrobiums and other seasonable varieties.

Carnations

We believe there is no house in the United States handling more Carnations than we handle. Glad to quote special prices on large lots. Good stock, $2.00 to $4.00 per 100.

Farleyense, the finest of all gree

Chicago's Mail Orc

We Handle the Most Complete Line

of Cut Flowers and Supplies to be found anywhere in the west; probably the largest line of stock offered in any one house in the United States. We always can supply all Cut Flowers that are in season—no house handles larger quantity or greater variety. Our stock of Florists' Supplies includes every staple article in a wide range of styles and qualities and we also at all times offer the best of the novelties. We do a mail order business and aim to be able to meet any and every need of our customers. You should have our catalogue handy.

If you don't see what you need in our advs., order anyway—we've got it; it takes a big book to mention all our stock.

GOLD BOXES Improved Dellwood Ware

These are the finest plant boxes, bulb pans, jardinieres, etc., of the season—the best selling novelty.

PLANT BOXES—All Tin Lined.

5½x18 inches, $1.75 each	7x 7 inches, $3.00 each
5 x10 inches, 2.00 each	4x18 inches, 3.20 each
4½x18 inches, 2.25 each	5x24 inches, 3.20 each
6 x20 inches, 2.70 each	

BULB DISHES

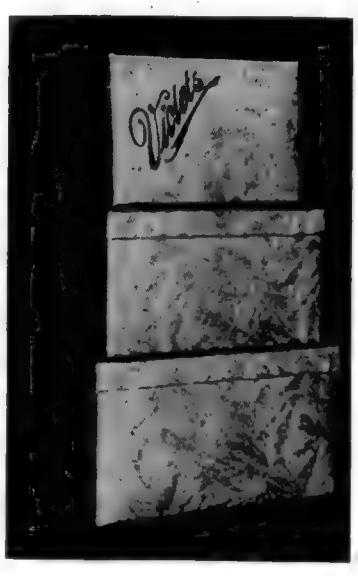
8-inch (4 inches deep).....$1.60 each
10-inch (4½ inches deep).....2.40 each

JARDINIERES

9-inch.....$2.75 each
11-inch.....3.75 each

Gold Baskets for table favors.....$4.00 per doz.

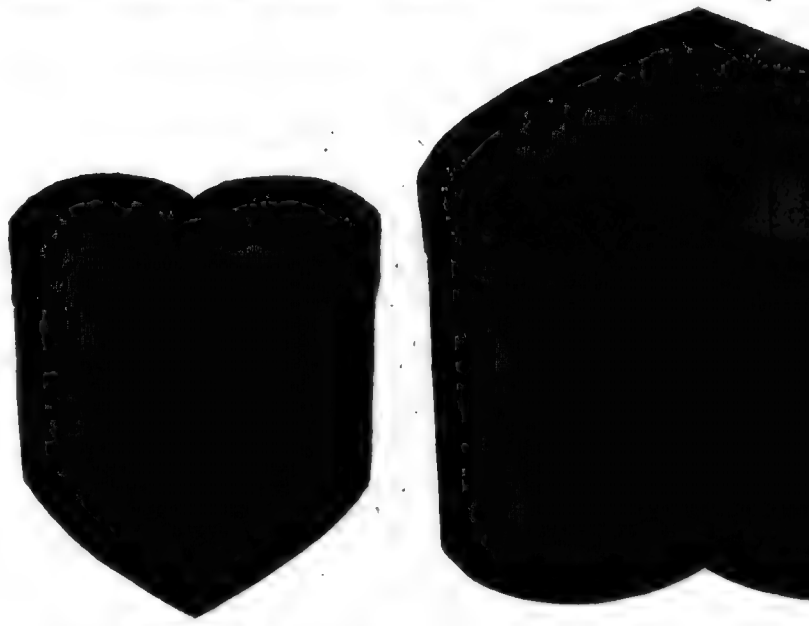
In each size there are several different patterns of raised gold decorations. Let us send an assortment.



Caladiums Fine bulbs in all sizes at prices that will interest the big seed houses—but the small buyer gets the same low ates. Write.

Tuberoses Fine Excelsior Pearl. Large size bulbs at low prices.

Red Heart-shaped Violet Boxes



No. 1, appropriate for 50 violets, $1.80 doz. No. 8, appropriate for 200

Write for prices by th

VIOLET BOXES

We have a complete line of Violet Boxe are 18 cents—every one good value at t

Inexpensive Violet Boxes—Color a perfect violet shade. These are folding boxes and when made up are very neat and strong.

Size	Per 100	Size	Per 100
2¾x6½x3¾	$2.00	5 x 9x6	$3.20
3½x8 x4	2.20	5½x11x3	4.40

Made-up Violet Boxes

Size	Per 100	Size	Per 100
6¾x3¾x3	$6 75	10½x6x5½	$11.50
7¼x4¾x3½	7.00	12 x7x5¾	13 50
8 x5 x4½	8.75		

Duplex Folding V

Made from heavy card colored waterproof enam side and fern-green felt o some bunch of violets in on the covers.

Size
7x4x3½
8x5x4½
10x6x5½
12x8x5½

We have a full line of Cut Flower and Corrug

Violet Cords, Ribbons and Tassels

We per

the price per dozen you wish to pay. We will please you.

WHITE KILLARNEY ROSE PLANTS
Grafted or own root.

We do a large business in supplying rooted cuttings of new and standard carnations, young rose plants, mums, etc. Send us your list of wants for prices. We can supply all varieties.

A. L. Ran

Wholesale Florists,

L. D. Phone Central 149
Private Exchange all Departments

ll the Fancy Flowers

Violets

You'll need large quantities for Valentine's day. We have quality and quantity.

Valley

Always in stock. Good Valley, $3.00 to $4.00 per 100; special fancy, $5.00 per 100.

Bulb Stock

Headquarters for Jonquils, Daffodils, Paper Whites, Freesia, Tulips; also Easter Lilies and Callas. We always can supply you.

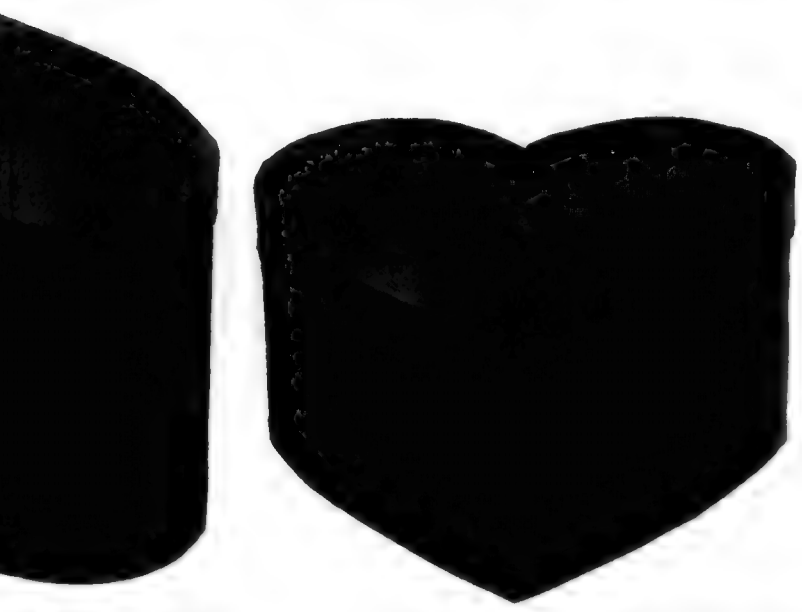
Wild Smilax

Always on hand; one case or a carload. Finest stock in the country. Also all other greens of best quality.

eens, $8.00 to $12.00 per 100

rder Supply House

xes You will need these for Valentine's Day (Feb. 14) and we advise ordering early, for last year the demand at the last minute exceeded the supply. Speak now and avoid disappointment.



r 200 violets, $3.00 doz. No. 2, appropriate for 100 violets, $2.40 doz.
by the 100 or more.

Boxes, all qualities, from those that cost you only 2 cents to those that e at the price.

ng Violet Boxes

card board, with violet enameled paper on outfelt on inside. A handin five colors printed

	Per 1000
	$37.50
	50.00
	60.00
	70.00

ade-up Violet Boxes

The new embossed Violet Boxes in gold or violet shades.

Size	per 100
6x4 x3½	$12.00
7x4½x4	15.00
8x5 x4½	18.00

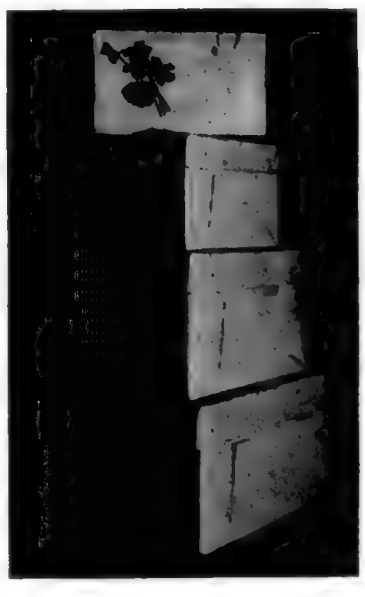
NOTICE—We do not sell less than 25 boxes of any one size, except the heart-shaped.

rrugated Boxes. Write or special circular.

We have a great variety of these, ranging in price from 35c to $3.00 per doz. Order an assortment at $5.00, $10.00 or $15.00, naming about

Easter Supplies

Time to order your Ribbons, Chiffons, Baskets, etc., for Easter. A great many florists tell us about what they want and leave the selections to us (we guarantee satisfaction), or we are glad to send samples of ribbons and chiffons and quote prices. We can match any flower color in any width of ribbon and at almost any price you want to pay. A full line of staple baskets, plant boxes, hampers, fern dishes, etc. You save money by buying by mail. Let us hear from you about your needs.



St. Patrick's Carnation Fluid

Directions for Use.

To get the best results put the stems of flowers in about 2 inches of fluid, leaving them there about 30 minutes. After taking them out of fluid put them right in water for about two hours, which has a tendency of forcing the fluid up to the bloom and making that pretty shade of green.

Pint.....50c Quart.....$1.00

Cannas Best varieties, fine roots; get our prices on your wants.

Wire Work No one can make better wire frames and no one can beat our prices. Glad to quote on special large lots.

Mats for Pot Covers You will need a lot of these for Easter. Better order now. We have a full line of Porto Rican Mats and the soft Chiffon Mats, in all weaves and colors. Our prices are the lowest good stock can be sold for.

ndall Co.

1496 **19-21 Randolph St., CHICAGO**
tments

Grass Seed for Retailing

Best lawn grass mixture, put up in 1, 2, 3 and 5 lb. cartons for flower stores to retail—good margin in it—every store can sell hundreds of packages. Write for our proposition that guarantees a profit.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Feb. 1.—Cucumbers, 75c to $1.25 doz.; lettuce, 25c box; radishes, 15c to 40c doz. bunches.

BOSTON, Jan. 31.—Cucumbers, $3 to $9 box; tomatoes, 20c to 30c lb.; parsley, $2 box; radishes, $1.50 box; lettuce, 60c to 75c box; mint, 50c to 60c doz.

NEW YORK, Jan. 31.—Mushrooms quite plenty and weak. Cucumbers steady. Lettuce largely poor. Mint dull. Radishes and rhubarb move slowly. Tomatoes firm. Cucumbers, 75c to $1.50 doz; lettuce, $1 to $2 strap; mint, 40c to 50c doz. bunches; mushrooms, 20c to 40c lb.; radishes, $1.50 to $3 hundred bunches; rhubarb, 65c to 75c dozen bunches; tomatoes, 10c to 20c lb.

FUMIGATING N COLD WEATHER

I have read with interest the paper by Prof. Jarvis on "The Value of Insecticides," in the REVIEW of November 25, 1909, but there is one thing I should like to know: How do you get rid of the hydrocyanic acid gas in cold weather, when the heating pipes are working in full force and the ventilators are closed?

L. G. G.

The gas will not be strong enough to be dangerous in the morning, after using it in the house in the evening. It is well to open the ventilators for a few minutes before staying in the house to work. The odor will be noticeable, however, all that day. Sometimes I do not open the ventilators at all to air the house, if it is an extremely cold or windy morning.

We fumigate at about 5:30 p. m., and the night man goes into the houses at daylight for the first time. H. G.

CLOTH-COVERED FRAMES.

Please tell me what you think of the plant protecting cloth for growing early cabbage plants here in Ohio, starting them in the greenhouse and transplanting into the beds about March 20. Would it improve the cloth any to oil it, in order to turn the water? H. D. H.

My experience with cloth-covered frames has been entirely unsatisfactory. I used muslin-covered frames and oiled most of them. I think they are a nuisance. Besides, considering the cost of new cloth and the labor of putting it on each year, I believe they are more expensive in time than glass sashes, and I would not trade a glazed sash for a dozen of the cloth covers. My advice would be to use glass sashes, even if you have to cut down the number. You will be better satisfied and have better results. Farther south, cloth is used quite extensively, but even there they are unsatisfactory in most cases, for many reasons. H. G.

EFFECT OF GAS ON MUSHROOMS.

Please inform me if fumigation with hydrocyanic acid gas can be safely undertaken when there is a fine crop of mushrooms under the center bench. If I cover the mushroom bed well with paper will it be safe to eat the mushrooms after fumigation? J. D.

This brings up a point which I had never heard of before. I do not know how much hydrocyanic gas the mushrooms would stand without injury, but one thing I am positive of is, that no harm could come from eating the mushrooms after the house had been fumigated. I doubt much whether the gas would have any effect on the mushrooms unless too strong for plants, and I feel sure that even if it was strong enough to injure them the papers would protect them, especially if the newspapers were carefully laid over them.

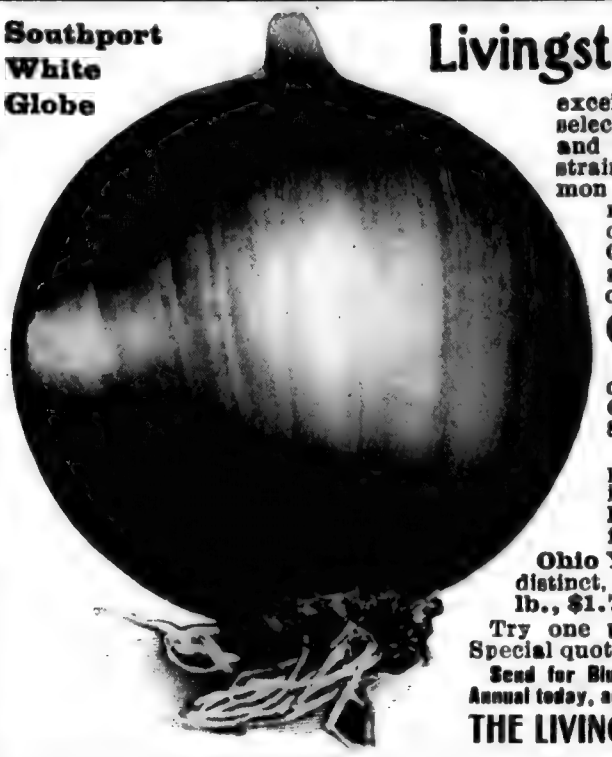
Perhaps some reader can give some information relative to mushrooms being affected by the gas. H. G.

PROPAGATING RHUBARB.

How is rhubarb generally propagated—by seeds or divisions? I want to raise plants to sell. O. F. S.

Rhubarb is generally propagated by division of the clumps, which are quite prolific. By lifting the clumps, dividing them and resetting the field with the old crowns, large numbers of young ones can be obtained for sale or for enlarging the field. H. G.

WORCESTER, MASS.—H. F. A. Lange was recently admitted as a member of the Worcester Merchants' Association.



Livingston's Superb Onions

excel in shape, color and size. Critical selection, hand sorting and careful planting and cultivating combine to give our Onion strains characteristics not found in the common commercial grades. We know the needs of the Onion growers and aim to develop the most perfect strains of Onions. For purity, vitality and reliability, our Onion seeds are unexcelled.

OUR GREAT SPECIALTIES

Southport White Globe, as grown on our farms, is the handsomest white Onion in existence. **Oz., 30c; ¼ lb., 85c; lb., $3.00; 5 lbs. for $14.50.**

Southport Red Globe is nearly perfect with us. Color, size and quality is "tip top." **Oz., 15c; ¼ lb., 40c; lb., $1.50; 5 lbs. for $7.00; 10 lbs. for $12.50.**

Ohio Yellow Globe, finest we know. Early, distinct, good keeper. **Oz., 15c; ¼ lb., 50c; lb., $1.75; 10 lbs. for $15.00.**

Try one packet of all three varieties for 10c. Special quotations on larger quantities.

Send for Blue List, "TOMATO FACTS" and large 130 page Annual today, addressing Desk R, for immediate reply.

THE LIVINGSTON SEED CO., Columbus, Ohio

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Simon's Hot Weather Lettuce

Is the best firm heading variety offered today to grow through the summer months, because it will not rot underneath

IT WILL NOT BURN OR SCALD IN THE HEAD AND MAKES A FIRM HEAD IN HOT WEATHER

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Formerly Market Gardeners — Growers of Seed Specialties for Market Gardeners

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Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 112-page catalogue contains true description and no overdrawn illustrations. Our prices are right, quality considered. Market Gardeners are requested to write for our Market Garden Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE BOX 246 Established 1888 **BEATRICE, NEB.**

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VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

MARYSVILLE, MICH.—Frank Fieldman, of the Turnpike road, has a gang of men at work erecting a big greenhouse on his farm, which he will convert into a market garden.

MALDEN, MASS.—James J. McCormack, who has greenhouses on Adams street, is to remove his uptown store from its present location to one on the opposite side of Pleasant street.

BINGHAMTON, N. Y.—C. H. Hunt has started a greenhouse here for lettuce and other vegetables, but thinks that a little later he may grow flowers instead, as he thinks the latter may be more profitable. At present his house is stocked with lettuce and radishes.

Stokes' Tomato Introductions Have Always Been Winners

My New FLORACROFT EARLIANA TOMATO

is the earliest Tomato in existence. Is smooth, solid, prolific and with all the good points of the finest Earliana blood. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75; lb., $6.00.

STOKES' BONNY BEST EARLY TOMATO

is the finest quality and handsomest Tomato known. It is a few days later than Earliana, but is a winner everywhere. Strong vine and foliage. Very vigorous. No rot, no crack, no core. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

STOKES' JUNE PINK

The best very early Pink. I have a very choice strain. Oz., 30c; ¼ lb., 85c; lb., $3.00.

Send for Wholesale Market Garden List.

STOKES' SEED STORE, 219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

ASPARAGUS —AND— RHUBARB —FOR— Winter Forcing



Mammoth Clumps weighing from 4 to 6 pounds **will force in 4 weeks,** the most tender and **delicious Asparagus.** Can be forced under greenhouse benches or in cellars. Customers were delighted with their success last season and are doubling their orders. We offer choice clumps for immediate delivery at **$1.00 per dozen; $6.00 per 100; $50.00 per 1000; 250 clumps at the 1000 rate.**

RHUBARB

Large Clumps, $1.75 per dozen; $10.00 per 100. Special quotation will be given on quantity.

Write for our **Wholesale List For Florists and Market Gardeners**—Just issued.

JOHNSON SEED COMPANY

217 Market St., PHILADELPHIA, PA.

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FIVE ACRES with the Skinner Irrigation will produce as much crops as TEN ACRES without it.

The Skinner Irrigation Co.

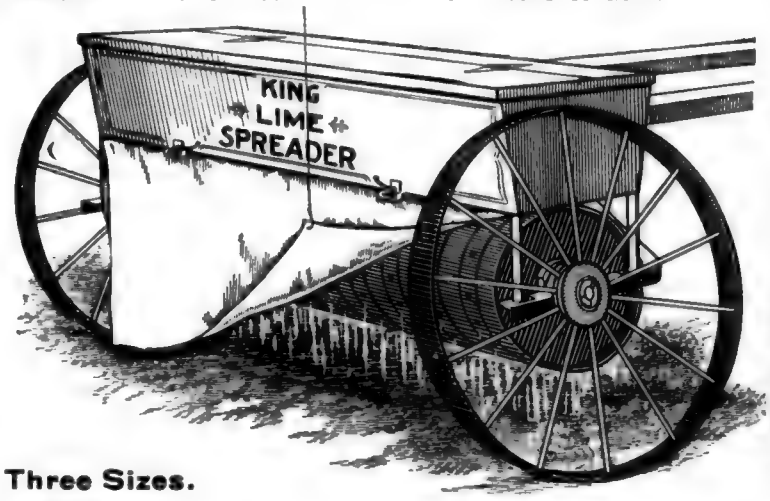
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Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

THE SPREADER for the PEOPLE.

Simple, durable, accurate, spreads Ashes, Lime, Fertilizers, Phosphates, and fine Compost in any quality, from 100 lbs. to 2 **tons to acre.**



Ask about our introductory plan. We give a **SAMPLE AT NO MONEY COST** to one reliable farmer in a neighborhood—upon either of **four fair** plans.

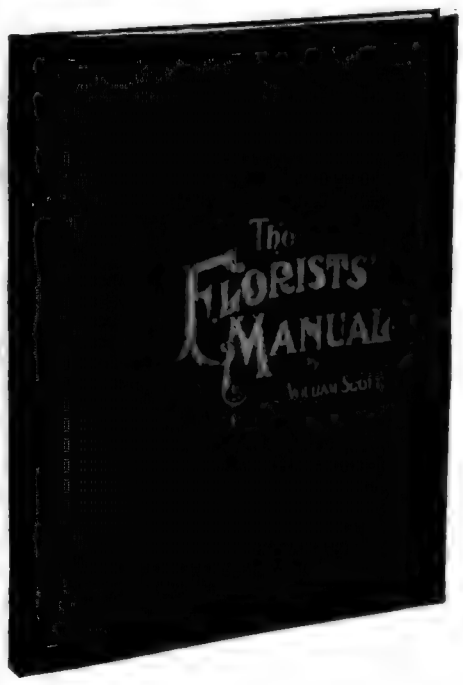
The **King** will **distribute** evenly and accurately, **lime, ashes, phosphates, fertilizers** and fine **compost** in **any quantity** from **100 lbs.** to **2 tons** to acre. **Force feed,** can't clog or get out of fix. Cleans itself; always ready for use. Will distribute damp cloddy material. Stones, nails, etc., can't hurt it.

Also ask about **King's Grassing Plow.** Works top of bed and plans out whole row. Weighs only 80 lbs.

Three Sizes.
$15.00
$25.00
$35.00

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A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

Price, $5.00, prepaid by express or mail.

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn St., **CHICAGO**

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Colorado Carnations

We are now getting the best and largest cut we have ever had :: Can fill any order

The Pikes Peak Floral Co.
Colorado Springs, Colo.

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PROVIDENCE.

The Market.

With an unusual number of funerals, receptions, weddings and graduations, and several dark, rainy days, last week gave the florists a good call to meet the supply, especially on carnations. In consequence, on January 29 good carnations were at a premium. This dearth was made the more conspicuous because of the call for this particular flower on account of McKinley day. In recognition of this occasion a call was made for 500 Beacons for the dinner of the Economic and Conservative clubs, Secretary of the Interior Richard A. Ballinger being the principal speaker.

Bulbous stock has furnished an acceptable acquisition to the regular stock and daffodils, narcissi, tulips and hyacinths have helped out to a considerable extent in filling funeral orders. In connection with funeral pieces the recurring favor of callas is very noticeable, and whereas, for a couple of years past no callas have been used for this purpose, they are now in general, constant and increasing demand.

Various Notes.

In the annual report which George H. Webb, commissioner of industrial statistics of Rhode Island, submitted to the general assembly last week, considerable space is devoted to the consideration of horticultural establishments in this state. He reports that there are 137 horticultural establishments that are not located on farms, but which return more than $300 a year to their proprietors. The number of square feet of land under glass is given as 1,233,320. The value of the products of these establishments for 1908 amounted to $423,176. The average number of wage earners employed is given as 232, not considering a proprietor an employee in "one man establishments." Wages paid amounted to $97,216, or twenty-three per cent of the total amount of sales. The average amount of sales per establishment is shown to be $3,088.

The Newport Horticultural Society, at its regular meeting January 25, with President James Robertson in the chair, adopted a new policy for making the meetings more interesting and instructive. A committee of five members was appointed, each of whom is to present a paper upon a different phase of a general subject. If this proves practicable and effective, similar committees will be appointed for each meeting. At the meeting February 8 the subject will be "Exhibitions," and the assignments have been as follows: "Exhibitions, Their Utility and Mission," President James Robertson; "Preparing for the Exhibition," by John P. Hammond; "Staging and Arranging the Exhibits," by Bruce Butterton; "Judging," by Richard Gardner; "How to Secure Attendance of the Public at the Exhibition," by John Forbes. The society has under discussion plans for the annual ladies' night.

Eugene A. Appleton, of William Appleton & Sons, was married Wednesday, January 26, to Miss Margaret Hehir. Mr. and Mrs. Appleton are taking a trip to Boston, Albany, New York, Washington and Baltimore, and will be at home after March 1 at 272 Knight street, Providence.

Walter Nichols has 8,000 plants of Enchantress in his houses at Hampden Meadows that are at the height of the crop.

W. W. Thomson, of West Hartford,

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.

New Reduced Price List



To fit	Per doz.	100
4-in. pots	$1.00	$ 7.00
5-in. pots	1.10	8.00
6-in. pots	1.20	9.00
7-in. pots	1.35	10.00
8-in. pots	1.60	12.00
9-in. pots	1.85	14.00
10-in. pots	2.10	16.00
12-in. pots	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
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51 Wabash Ave., Chicago

PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
36-inch stems	5.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride, fancy	$8.00 to $12.00
" good	6.00
Bridesmaid, fancy	8.00 to 10.00
" good	5.00 to 6.00
Killarney, extra fancy	12.00
" fancy	8.00 to 10.00
" good	5.00 to 6.00
White Killarney, fancy	10.00 to 12.00
" " good	6.00 to 8.00
Mrs. Jardine, extra fancy	12.00
" fancy	8.00 to 10.00
" good	6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	5.00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	5.00 to 6.00
Perle	10.00
Roses, our selection	6.00
CARNATIONS, fancy	3.00
" good	2.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies...per doz., $2.00	
Sprengeri, bunch, $0.50 to 0.75	
Ferns.... per 1000, 2.00	
Galax.... " 1.00 to 1.50	

All other stock at lowest market rates.
No charge for packing.
Prices subject to change without notice.

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Daffodils, Tulips, Spring Flowers and all Seasonable Varieties of **Cut Flowers**

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The House That Has and Sells Good Goods at Fair Prices .·. .·.

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

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Wholesale Cut Flower Prices.

Philadelphia, Feb. 2, 1910.

	Per doz.
Beauty, Specials	$7.50 to $9.00
" Extra	6.00
" Medium	3.00 to .00
" Short	1.50 to 2.00
	Per 100
Killarney, My Maryland, Select	$15.00 to $20.00
" Ordinary	5.00 to 10.00
Maid, Select	10.00 to 12.00
" Ordinary	4.00 to 6.00
Bride, Richmond, Select	15.00 to 20.00
" Ordinary	6.00 to 10.00
Carnations, Fancy	3.00 to 5.00
" Select	2.50
" Ordinary	2.00
Easter Lilies, per doz., $1.50	10.00
Callas, per doz, $1.50 to 1.75	
Adiantum	1.00 to 1.50
Asparagus Plumosus, strings	50.00 to 75.00
" " sprays	50.00
" Sprengeri "	
Smilax	15.00 to 20.00
Valley	3.00 to 4.00
Cattleyas	6.00 to 7.50
Cypripedium, each, 12½c to 15c	
Gardenias, doz., $2.00 to $4.00	
Violets, Double, Fancy	.00
" Ordinary	.75
Violets, Single, Fancy	.75
" Ordinary	.40 to .50
Sweet Peas	.50 to 1.50
Yellow Daisies	2.00 to 2.50
White "	1.50 to 2.00
Mignonette	3.00 to 5.00
Pansies	.75
Snapdragon	1.00 to 1.50
Romans	1.50 to 3.00
Paper Whites	2.00 to 3.00
Daffodils	4.00 to 5.00
Freesias	4.00 to 6.00
Tulips	3.00 to 4.00
White Lilac, per bunch, $1.00	
Acacia pubescens, per bunch, 2.50	

Milwaukee, Feb. 2, 1910.

	Per 100
Beauty, Long	$30.00 to $50.00
" Medium	15.00 to 20.00
" Short	8.00 to 12.00
Bride and Bridesmaid	4.00 to 12.00
Chatenay	4.00 to 10.00
Richmond	4.00 to 10.00
Killarney	6.00 to 15.00
Perle	4.00 to 10.00
Carnations, Fancy	3.00 to 4.00
" Good	1.50 to 2.00
Valley	4.00
Asparagus Plumosus, strings	50.00 to 60.00
" " sprays	3.00 to 4.00
" Sprengeri "	3.00
Adiantum	1.00 to 1.50
Lilies, per doz. $2.00	
Ferns, per 1000. 2.00	
Violets	.75 to 1.00
Sweet Peas	.75 to 1.00
Paper Whites	2.00 to 3.00
Stevia	2.00
Trumpets	3.00 to 4.00

Conn., was a visitor here recently, and as a result of orders is sending in some fine Marie Louise violets.

O'Connor had the decorations at the private dinner by Samuel M. Nicholson January 24, when Charles M. Schwab was the special guest.

Mr. Tefft, of Peacedale, visited the city January 25.

William Jurgens, of Newport, is sending in some fine bulb stock.

Fancy Gardenias, Valley and Easter Lilies,

Choice Brides, Killarney, White Killarney, Maryland and Sweet Peas

Open from 7:30 a. m. to 8 p. m.

Philadelphia Cut Flower Company Wholesale Flowers

We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA

Mention The Review when you write.

BEAUTIES, VIOLETS AND CARNATIONS

Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.

Mention The Review when you write.

ARBUTUS, FANCY CARNATIONS, DAFFS., SWEET PEAS AND MY MARYLAND

SAMUEL F. LILLEY. Wholesale Florist

A good market for more Choice Flowers

1514 Sansom St., PHILADELPHIA, PA.

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WM. J. BAKER, Daffodils and Pansies

Wholesale Florist

1432 So. Penn Sq., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Feb. 2, 1910.

	Per doz.
Beauty, Specials	$5.00 to $6.00
" Fancy	3.00 to 4.00
" Medium	2.00 to 2.50
" Short	.75 to 1.50
	Per 100
Bride and Bridesmaid, Fancy	$10.00 to $12.00
" " Medium	6.00 to 8.00
" " Short	4.00
Richmond	8.00 to 15.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
My Maryland	6.00 to 15.00
Carnations	3.00 to 4.00
" Ordinary	1.50 to 2.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	4.00
Lilies	12.00 to 15.00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.00
Mignonette	3.00 to 5.00
Cattleyas	60.00 to 75.00
Daisies	1.50 to 3.00
Violets	.50 to 1.00
Single Violets	.50 to .75
Trumpets	4.00
Callas	15.00
Stevia	1.00
Tulips	3.00 to 4.00

John F. Wood was the victim of a check swindler recently, who touched him for $10.

Wm. Hoffman, of Pawtucket, is delivering some fine tulips, though rather short of stem.

J. H. Cushing, of Quidnick Greenhouses, Anthony, R. I., is sending some fine Easter lilies to market.

H. Howard Pepper, of the Melrose Rose Gardens of this city, has been elected to honorary membership in the Wampanoag Club.

A final meeting of the creditors of M. Butler & Son, of Newport, was held January 22. The trustee's account was allowed and the trustee discharged.

Charles Newton has resigned as gardener to I. T. Burden, of Newport.

M. J. Leach & Sons, Pawtucket, are doing a tremendous business, being driven to the limit on funeral work.

W. H. M.

Pittsburg Florists' Exchange

WHOLESALE CUT FLOWERS

We have anything in the line of **Cut Flowers** and **Greens** that you may need, at any time.

15 Diamond Square, Pittsburg, Pa.

Mention The Review when you write.

J. B. MURDOCH & CO.

714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

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Headquarters of Western Pennsylvania Growers

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SHIPPING ON COMMISSION
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SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves

Mention The Review when you write.

WHY USE GALAX LEAVES when you can buy prime prepared

Magnolia Leaves

Green and Brown, $1.75 per basket of 1000 leaves

Wherever Florists' Supplies are sold, or from

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Extra **LARGE** bales, $2.00

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See my low prices for **Wire Designs** in the classified department.

Mention The Review when you write.

Henry R. Crawbuck

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Ild Smilax, Galax, Palm Leaves, Leucothoe Sprays, Fancy and Dagger Ferns, Princess Pine

270 Pearl St., BROOKLYN, N. Y.

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ROSENS

48 W. 29th Street, New York City

Telephone No. 1757 Mad. Sq.

FLORISTS' SUPPLIES

Galax, bronze and green, fresh crop, $1.00 1000; $7.50 10,000. **Leucothoe Sprays,** 75c 100. **Green Sheet Moss,** $2.00 large bag.

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113 W. 28th St., NEW YORK

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All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmette and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

JAMES McMANUS, Tel. 930 Mad. Sq. **42 W. 28th St., New York**

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Gummed gold and purple letters for inscriptions on floral designs of all kinds.

EVERY LETTER GUARANTEED FOR ONE YEAR not to tarnish or change color in the least. Best and cheapest on the market. Write for samples and prices.

J. LICHTENBERGER, Telephone Lenox 5644 **1566 Avenue A, NEW YORK**

Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, Jan. 31, 1910.

	Per 100	
Beauty, Specials	$50.00 to	$75.00
" Fancy	35.00 to	50.00
" Extra	25.00 to	35.00
" No. 1	10.00 to	15.00
" No. 2	2.00 to	6.00
Bride and Maid, Specials	8.00 to	10.00
" " Extra	6.00 to	8.00
" " No. 1	3.00 to	5.00
" " No. 2	2.00 to	3.00
Richmond	2.00 to	15.00
Chatenay	2.00 to	12.00
Killarney	2.00 to	12.00
My Maryland	2.00 to	12.00
Orchids	30.00 to	50.00
Carnations, Common	1.00 to	2.00
" Select and Fancy	2.00 to	4.00
" Novelties	4.00 to	6.00
Adiantum Cuneatum	.50 to	.75
" Croweanum	.75 to	1.00
Asparagus Plumosus, bunches	15.00 to	25.00
" Sprengeri "	10.00 to	20.00
Smilax	8.00 to	10.00
Lilies	8.00 to	15.00
Lily of the Valley	1.00 to	3.00
Gardenias	10.00 to	25.00
Violets	.25 to	.50
Callas	10.00 to	15.00
Cypripediums	8.00 to	12.00
Sweet Peas...per bunch, 4c to 10c		
Narcissus	1.00to	2.00
Roman Hyacinths	1.00 to	2.00
Tulips	1.00 to	3.00
Stevia, bunch	$0.15 to $0.25	
Mignonette...per doz. .50 to 1.00		
Daffodils	2.00 to	3.00
Lilac, bunch	50c to $1.00	
Freesia, bunch	25c to 35c	
Pansies, bunch	4c to 6c	

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Phones 4620, 4621, 3864 Madison Square

VIOLETS Roses and Carnations

George Cotsonas & Co.



Wholesale and Retail Dealers in all kinds of

Evergreens

Fancy and Dagger Ferns
Galax, Brown and Green



50 West 28th St., - NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax.

Telephone 1209 Madison.

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August Millang

41 W. 28th St., NEW YORK

We are Headquarters for **every kind of CUT FLOWERS** in their season. **Out-of-town Florists** promptly attended to. Telephone for what you want. **Tel. 8860, 8861 Madison Sq.**

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FORSTER MANSFIELD MFG. CO.

145 West 28th Street, NEW YORK

Telephone 4254 Madison

Art Decorative Wood Workers for the Florists.

We manufacture the latest improved Ice Boxes, also Pedestals, Window Boxes, Plant Tubs, Grill and Lattice Work, Mission Tubs and Art Wood Novelties.

Our Specialty, fitting up artistically many of the leading florist stores of New York.

The best way to collect an account is to place it with the

National Florists' Board of Trade

56 Pine Street, NEW YORK

Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.

Charles Millang WHOLESALE FLORIST

Ground Floor of the Coogan Building, NEW YORK CITY

55 and 57 West 26th Street 6 a.m. to 6 p.m. every day in the year.

Headquarters for Violets

Most convenient store for customers in the city. Telephone 7062 Madison.

Consignments solicited. The highest values guaranteed.

FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

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PHONES, 1664 1665 MADISON SQUARE

ENOUGH SAID

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Fancy and Dagger Ferns

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Bronze and Green Galax

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Telephone 2315 Madison Sq.

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Gunther Bros.

110 West 28th Street

Phone, 551 Madison Square, NEW YORK

Violets, Roses, Carnations, Orchids.

Established 1888.

GROWERS — Important — Special advantages for you this season. Write or see us.

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Wholesale Cut Flower Prices.

Boston, Feb. 2, 1910.

	Per 100
Beauty, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2.00 to 10.00
Killarney	3.00 to 16.00
White Killarney	3.00 to 12.00
Richmond	4.00 to 18.00
My Maryland	3.00 to 12.00
Carnations, Special	5.00
" Select	3.00
" Ordinary	2.00 to 2.50
Cattleyas	40.00 to 50.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.50 to 1.00
Lilium longiflorum	10 00 to 12.50
Tulips	2.00 to 4.00
Pansies	.75 to 1.00
Violets	.50 to .75
Gardenias	20.00 to 25 00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1 50 to 2.00
Roman Hyacinths	1.50 to 2.00
Mignonette	2.00 to 6.00
Bouvardia	2.00 to 3.00
Callas	10.00 to 12.50
Yellow Narcissus	3.00 to 4.00

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Killarney	$6.00 to $10.00
Richmond	6.00 to 10.00
W. Killarney	6.00 to 10.00
My Maryland	6.00 to 10.00
Maid	6.00 to 10.00
Bride	6.00 to 10.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	.50 to 1.25
Violets, single	.50 to 1.25
Sweet Peas	1.00
Tulips	4.00
Valley	4.00
Adiantum	1.25
Ferns, per 1000, $2.00	

Extra Fancy billed accordingly

Prices NOT subject to raise without notice to regular customers.

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Wholesale Cut Flower Prices.

Chicago, Feb. 2, 1910.

	Per doz.
Beauty, long stems	$5.00 to $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75
	Per 100
Bridesmaid, Special	$10.00 to $12.00
" Firsts	6.00 to 8.00
" Short	.75 to 1.50
Bride, Special	12.00 to 15.00
" Firsts	8.00 to 10.00
" Short	5.00 to 6.00
Richmond, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8.00
" " Short	5.00
Killarney, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Seconds	5.00 to 6.00
My Maryland, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 16.00
Mrs. Jardine, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Perle	6.00 to 10.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.00
Sweet Peas	.50 to 1.50
Bouvardia	3.00 to 8.00
Stevia	1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Jonquils	3.00 to 4.00
Tulips	3.00 to 4.00
Freesia	3.00 to 5.00
Cattleyas per doz.	$6.00–$9.00
Gardenias per doz.	$2.00 to 4.00
Easter Lilies "	1.50 to 2.00
Callas "	1.50 to 2.00
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays bunch	35c-75c
" Sprengeri "	25c-35c
Ferns per 1000	$2.00 .25
Galax "	1.00 .15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz.	$1.50–2.00
Leucothoe	.75
Boxwood	$7.50 per case

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Wholesale Cut Flower Prices.

Buffalo, Feb. 2, 1910.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3.00
" Firsts	1.50
" Shorts	$0.75 to 1.00
	Per 100
Bride, Killarney and Maid, Special	$15.00
" " " No. 1	$ 8.00 to 10.00
" " " No. 2	6.00 to 8.00
" " " Shorts	4.00 to 6.00
Richmond	6.00 to 15.00
White Killarney	8.00 to 15.00
Maryland	10.00 to 20.00
Carnations	2.00 to 4.00
Adiantum Cuneatum	1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	12.50 to 15.00
Ferns, per 1000, $2.00	
Galax " 1.50	
Violets	.75 to 1.00
Paper Whites	2.00 to 3.00
Stevia	1.00 to 1.25
Romans	3.00 to 4.00
Daisies	1.00 to 1.50
Sweet Peas	.75 to 1.00
Mignonette	3.00 to 5.00
Peas	.60 to 1.00
Tulips	3.00 to 5.00
Daffodils	4.00 to 5.00

Cincinnati, Feb. 2, 1910.

	Per 100
Beauty, Extra	$25.00 to $35.00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	6.00 to 10.00
My Maryland	6.00 to 10.00
Rhea Reid	6.00 to 10.00
Carnations	1.50 to 3.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00
Sweet Peas	.50 to 1.00

St. Louis, Feb. 2, 1910.

	Per doz.
Beauty, Specials	$3.00 to $5.00
" Extra	1.50 to 2.00
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 4.00 to $10.00
" " No. 1	2.00 to 3.00
Richmond	4.00 to 15.00
Carnot	4.00 to 10.00
Ivory	4.00 to 15.00
Killarney	4.00 to 10.00
Carnations, Fancy	2.00 to 4.00
" Common	1.00 to 1.50
Adiantum	.75 to 1.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, Single	.25 to .50
" Double	.50 to .75
Romans	1.00 to 2.00
Paper Whites	1.00 to 3.00
Harrisii	10.00 to 12.50
Callas	10.00 to 12.50

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THE REVIEW does beat all in selling stuff. Every time I advertise in it I get more orders than I can fill.—S. J. GALLOWAY, Eaton, O.

WE receive more value for the dollar invested in a subscription to the REVIEW than for $10 invested in any other way.—WICKLER FLORAL CO., Grand Forks, N. D.

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Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $7.50; 100 lbs., $14.00.
Leucothoe Sprays, per 100 50c; 1000, $4.00
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.75.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

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Greens of all kinds. Florists' Supplies.
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CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.
Write for quotations on large quantities.
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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

THERE promises to be an exceptionally good demand for dormant roses this spring.

THE nursery of Arthur Bryant & Son, Princeton, Ill., is now in its sixty-fifth year.

THOSE Indiana fellows insist that anyone who wants cherry can be nicely accommodated.

THE European nurserymen are figuring that their American trade for 1910 will make a new record.

PLUMS are possibly the only class of nursery stock that won't clean up at good prices this spring.

HAVE prices on the general line of nursery stock advanced in proportion to the increase in the cost of production?

AT the annual meeting of the Georgia State Horticultural Society, held at Sparta January 25 to 28, P. J. Berckmans was again reëlected president.

THE privet specialists are looking forward to a heavy spring business, partly because a large quantity of privet hedge has been winter-killed this season.

F. W. WATSON, Topeka, Kan., estimates that anywhere from twenty to forty million apple seedlings are required in this country each year, but they are grown by less than a dozen firms.

THE Virginia Wholesale Nurseries have been incorporated at Blacksburg, Va., with the following officers: President, J. H. Broce; secretary and treasurer, M. F. Slusser. W. O. Frith is one of the incorporators. Capital: Maximum, $50,000; minimum, $3,000.

To hear the law-makers tell it, they and their enactments alone stand between this country and the demnition bow-wows. But from the nurseryman's standpoint this is no longer the land of the free—we haven't anything on anybody when it comes to that. We've too many laws.

SHRUBS FOR FRONT OF VERANDA

Can you inform me as to what shrubs could be used in front of a veranda, giving a sloping effect, the back row to be about three and a half to four feet high and two varieties to be used in single rows? They do not necessarily have to be blooming shrubs, but something that will give a neat, attractive appearance throughout the summer. The house is a frame dwelling, facing the west and white in color. It is located in the city. R. H. M.

You do not state whether you wish evergreen or deciduous shrubs. If the former, I would suggest using Retinospora plumosa and R. plumosa aurea. You could get one variety somewhat taller than the other. Personally, I would prefer using one variety only, in which case the green one would be my choice. If you desire a deciduous shrub, there is nothing better than Berberis Thunbergii, thoroughly hardy and beautiful both in winter and summer. I would not plant anything with the berberis. C.

HYDRANGEA OTAKSA.

Can you tell me the best way to grow Hydrangea Otaksa plants with from ten to twenty flowers, from cuttings?
C. M.

To secure plants carrying the number of heads desired, root the cuttings as soon as possible. These can either be grown along in pots all summer or planted outdoors in May, where they can be well cultivated and watered during dry weather. If kept in pots, they should be plunged in a bed of ashes. The plants should occupy 6-inch to 7-inch pots before fall, while the outdoor ones should be lifted with a nice ball early in October and placed in somewhat similar sized pots. These plants should carry all the way from three or four to six or eight heads each the following season, but will not give the size of plants you desire until the following year.

After flowering, plant them outdoors again. Do any needful pruning before so doing, to make them shapely. In fall these can be put in 10-inch to 12-inch pots, or small tubs, and will the following season carry the desired number of heads. If you are anxious to get plant carrying ten to twenty heads next yea you can do so by following a plan ofte adopted, viz.: Place the plants in smal tubs, two or three plants in each tub Each of these plants should give four o five heads if well grown.

Remember that you must propagate early to secure these strong plants, at all times treat them liberally with water and, when in pots, feed in addition with liquid manure. C. W.

Apple Seedlings

We have some surplus, both AMERICAN and FRENCH grown.
All grades for grafting and budding.

Imported Fruit Tree Stocks

Now arriving—Cherry, Pear and Plum stocks.
ALL GRADES.

APPLE GRAFTS PIECE AND WHOLE ROOT
ORDER QUICKLY

Also a complete line of General Nursery Stock; mostly in storage.
Send List for Prices.

WANTED—APPLE SCIONS

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D. S. LAKE, Prop. SHENANDOAH, IOWA

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Large stock, both seedlings and transplants, of Spruce, Pines, Firs, Cedars, Arbor-Vitæs, Hemlocks, Junipers, Yews. Millions of seedlings, also fine stock of specimens in larger sizes.

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Immense stock of Catalpa Speciosa, Black Locust, Maples, Oaks, Lindens, Beech, Chestnut, Ash, Walnut, Elm, Box Elder, Birch, European Larch.

Spring 1910 Catalogue now ready; send for copy

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All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

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OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
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Mention The Review when you write.

Bargain Lot

Last call before shifting.

1000 Mixed **Geraniums**, standard sorts, 2½ in.....$15.00
400 Sweet-scented in variety, 2½-in..... 8.00
100 **Vinca Variegata**, 3-in..... 4.00
50 **Dracaena Indivisa**, from soil, ready for 4-in..... 4.00
25 **Rex Begonia**, 3-in., nice mixture..... 2.00
100 **Asparagus Sprengeri**, 3-in 4.00
500 **La Favorite Geraniums**, 3-in. stock plants..... 15.00

The lot for $45.00. Cash or references.

Mum stock plants from cool house, solid beds, Appleton, Bonnaffon, Golden Gate, Robinson and Ivory, $4.00 per 100.

Fraser & Humphreys, MT. STERLING, KY.

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1 and 2-year, strong.

Sugar Maple, transplanted. **Peonies** in all best sorts. **Anchusa** Dropmore. **Funkia Alba. German Iris**, 20 best sorts. **Hemerocallis**, 5 fine var. 50,000 **Lilies. Phlox**, named. **Gladioli**, 100 named var. **Tritoma Pfitzeri, Dahlias, Oxalis**, etc.

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Lilacs Charles X and Marie Legraye. Deutzia Lemoinei, pot-grown, in fine condition.

Boxwood and Bay Trees, for immediate or spring delivery.

Orders booked now at inviting prices. Write to

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Importer, PRINCE BAY, N. Y.

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Peonies a Specialty

Write us for latest price list

PETERSON NURSERY,

Stock Exchange Building, CHICAGO.

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50,000 Catalpa Speciosa (True Western) **Seedlings**

EVERGREENS Specimens for August planting.

California Privet—2-year

Ask for prices.

HIRAM T. JONES,

Union County Nurseries ELIZABETH, N. J.

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PEONIES

Humei, late rose; R. Hortense. Tyrian red; Mme. Dourlere, pink and salmon, for lawn planting, $3.00 per 100, March delivery.

Thomas J. Oberlin

Sinking Spring, - Pennsylvania

Mention The Review when you write

WESTPORT, CONN.—Edwin B. Jennings, the florist on Green's Farms, was recently stricken with hemorrhages, which at last report had only been partly relieved by the attending physicians.

KANSAS CITY, MO.—J. L. Harriman is now the sole proprietor of the business formerly conducted under the name of Harriman & Noll. Mr. Harriman has just completed three new houses, with 5,510 square feet of bench space.

RICHMOND, IND.—John Evans states that among recent orders received were those for the ventilating apparatus for the big new house of the Joseph Heacock Co., at Roelofs, Pa., and for the large range of new houses to be put up by the J. M. Gasser Co., Rocky River, O.

BOBBINK & ATKINS

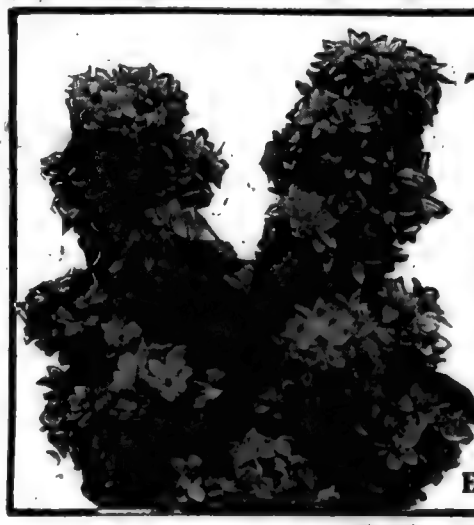
Nurserymen and Florists, RUTHERFORD, N. J.

Choice Evergreens and Conifers. Shade and Ornamental Trees, Herbaceous Plants.

LARGE COLLECTION OF DECORATIVE PLANTS, SUCH AS

Palms, Ferns, Bay Trees, Etc.

Ask for Wholesale Catalogue



Beautiful! Novel! Valuable!

The Newest Lilacs

Double and Single

Extraordinary Offering

The improvement in the Lilac, especially in the double sorts, is marvelous, and all lovers of this flower will be delighted with these novelties. In size, form and color they far surpass the old favorites and we confidently recommend them to our patrons. Nothing that has been introduced recently is likely to prove so popular as the new Lilacs.

A beautiful illustrated booklet on Lilacs will be mailed on request, also our Illustrated General Catalogue, which contains accurate and trustworthy descriptions of the best

FRUIT AND ORNAMENTAL TREES, SHRUBS, ROSES and HARDY PLANTS

Ellwanger & Barry, Mount Hope Nurseries, Rochester, N.Y.

Mention The Review when you write.

New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years **GENEVA, N. Y.** **800 Acres**

Mention The Review when you write.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES U.S.N. CO.

The United States Nursery Co

RICH, Coahoma Co., MISS.

Mention The Review when you write.

Bassett's Dahlias

Field roots—Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal, $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5.00 per 100.

2-yr.-old Peonies, $10.00 per 100.

J. Murray Bassett, Hammonton, N.J.

Mention The Review when you write.

CHARLES C. NASH

Over 80 varieties of **RASPBERRY PLANTS**, 75c per 100 and up.

Selected wood for over 1,000,000 **GRAPE CUTTINGS**, 75c per 1000 and up.

No catalogue. Correspondence invited.

KALAMAZOO, - - MICHIGAN

Mention The Review when you write.

½ Million Roses

for February delivery in these and 400 other sorts.

Summer grown, on own roots.

	—2½-in.—			4-in.
	Doz.	100	1000	100
Anna de Diesbach	50c	$3.50	$30.00	$ 8.00
Anny Muller	50c	3.00	25.00	
Ball of Snow (Boule de Neige)	50c	3.50	30.00	8.00
Bridesmaid	50c	3.00	25.00	8.00
Bougere	50c	3.00	25.00	8.00
Catherine Zeimet (White Baby Rambler)	50c	3.50	30.00	10.00
Duchesse de Brabant	50c	3.00	25.00	7.00
Etoile de Lyon	50c	3.00	27.50	8.00
Gruss an Teplitz (Vir. R. Coxe)	50c	3.00	27.50	8.00
Helen Gould (Balduin)	50c	3.00	27.50	8.00
Mme. Masson	50c	3.50	30.00	7.00
Mlle. Francisca Krueger	50c	3.00	25.00	8.00
Magna Charta	50c	3.50	30.00	7.00
Maman Cochet, pink	50c	3.00	27.50	8.00
Marechal Niel (4-in., 10c, 12c, 15c	50c	3.50	30.00	15.00
Marie van Houtte	50c	3.00	25.00	7.00
Meteor	50c	3.00	27.50	8.00
Papa Gontier	50c	3.00	27.50	7.00
Phyllis (Pink Baby Rambler)	50c	3.50	30.00	
Queen's Scarlet	50c	3.00	25.00	8.00
Reine Marie Henriette	50c	3.00	25.00	8.00
Rhea Reid	60c	4.00	35.00	10.00
The Bride	50c	3.00	25.00	8.00
Wellesley	50c	3.50	30.00	9.00
White Bougere	50c	3.00	25.00	8.00
White Maman Cochet	50c	3.00	27.50	8.00

Let us know your entire wants in roses.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

Mention The Review when you write.

PACIFIC COAST.

ROMANS IN FORTY-TWO DAYS.

We note that C. W., under the head of "Romans for Easter," in the Review of January 6, states that December 27 is late for putting Roman hyacinths in the soil. That statement, no doubt, is meant to apply especially to the northern and Atlantic states. We find that in this Los Angeles climate, with hot water heat and a temperature of 60 degrees at night, if we pot and cover the bulbs November 9 and remove them to the greenhouse by December 1, twenty-five per cent will be in bloom by December 18 and the balance for Christmas delivery.

This means forty-two days from potting to flower. However, if not pressed for time, forty days under cover will give fuller and more numerous blooms.

This is taken from records kept by us during the last four years. We grow tulips, Roman and Dutch hyacinths and Easter lilies for the wholesale trade—about 12,000 bulbs this year.

Hill Crest Nursery.

OVERFORCED PLANTS.

There has been a great deal of dissatisfaction among the retail store men against the plant growers in and around San Francisco, on account of the overforced condition of ferns and palms sent to them. This was probably more noticeable last Christmas than at any other time, and, from appearances, there is good reason for the complaint.

The desire to grow stock quickly seems to be carried to an excessive degree, and that no steps are taken to properly harden it afterward is to be deplored, as a florist's store or show window is not an ideal situation for tender ferns under any consideration, and when they have been overforced they become dead stock in a few days. On the other hand, when they are sold while yet presentable they invariably encounter conditions too different from those under which they were forced, and a most dissatisfied customer is the result, whom the poor retailer has to make an effort to pacify, to say nothing of pleasing.

The desire to grow the largest possible branches in the least possible time is to blame for this condition, and the fact that it seems never to be taken into consideration whether the storekeeper will be able to retain his customer or not is a pertinent one and should be met in a reasonable way by the grower. G.

PORTLAND, ORE.

The Market.

Business for the last fortnight has shown some improvement. The demand for the better grade of stock is becoming more general and in time second grade stock will have to be sacrificed. A few days of sunshine show an improvement in all stock. Carnations are becoming more plentiful, but not an oversupply, red in particular being in demand on account of the high school graduates. Roses are scarce, in fact almost unobtainable. Paper Whites and Romans are plentiful, but are principally used as funeral flowers. Freesia has also made its appearance and is a welcome visitor. Valley is becoming more plentiful and of fine quality, with a daily clean-up. Cattleyas and Odontoglossum grande are to be had in limited numbers, while greens of all kinds are scarce. California smilax is used considerably in all decorations of note. Pussy willows are displayed in the windows with stunning effects.

The annual automobile show at the Armory was an occasion of demand and considerable entertaining. The hall was effectively decorated, urns of flowering plants being arranged throughout.

The excessively cold and damp season has made a big gap in the wood pile and in some cases the usual supply has been exhausted. Oil will be experimented with another season, in the endeavor to find a cheaper fuel.

Various Notes.

J. J. Karins, representing Henry A. Dreer, of Philadelphia, dropped in on the trade unheralded and expresses satisfaction with the volume of business, under adverse climatical conditions.

Calendar men are in the field by the score, and are almost considered a nuisance.

The sympathy of the trade is extended James Forbes, on the recent death of his sister, Miss M. Forbes.

Alex Klckner, of Wauwatosa, Wis., was a week-end caller and reports business in bulbous stock satisfactory.

W. E. Asplin, representing the King Construction Co., of North Tonawanda, N. Y., says that prospects for greenhouse building were never better, as evidenced by advance orders.

The Metzger-Fleischner wedding at the Portland hotel was the banner decoration of the season and was a credit to J. Boyce, of Martin & Forbes. The parlors and dining-room were effectively arranged throughout with smilax, mums, roses and lilies. Orchids were used extensively in the bouquets. E. R. C.

SAN FRANCISCO.

The Market.

The weather continues cold and flowers are even scarcer than they were immediately after the holidays. There is so

Rooted Carnation Cuttings

	Per 100	1000
Winona, light pink	$3.00	$25.00
Enchantress	1.80	15.00
Winsor	1.75	12.00
Rose-pink Enchantress	1.50	12.00
Nelson Fisher	1.25	10.00
Harlowarden	1.40	12.00
Eldorado, yellow	1.50	12.00
Variegated Lawson	1.25	10.00
Beacon	$2.25	$20.00
Victory	1.75	15.00
Red Lawson	1.25	8.00
Estelle	1.15	12.00
White Perfection	2.25	20.00
White Enchantress	2.25	20.00
White Lawson	2.00	15.00

25 of one variety at 100 rate; 250 of one variety at 1000 rate. Express prepaid on orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

Palms - Palms - Palms

Phoenix Can., Washingtonia, etc.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

Aster Seed

Late Branching, Oregon Grown.

Extra fine color, strong stems, fine for cutting. Prices: White, lavender, flesh pink and purple, 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 70c; 1 oz., $1.30.

W. B. SIMS, Grower, Newberg, Ore.

Mention The Review when you write.

"HIGHEST QUALITY"

Seeds, Plants, Bulbs and Supplies

Florists' and Gardeners' Trade solicited. Catalogue on request.

Routledge Seed & Floral Co.

169 Second St., PORTLAND, ORE.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; 1/8 oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; 1/8 oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, 1/4 oz., 50c; oz., $1.50. Pentstemon Hybridus Grandiflorus, tr. pkt., 25c; oz., $1.00. Pentstemons, Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2 1/2-in. pots ..per 1000, $25.00;	$ 3.00
Cyclamen, 4-in., buds and flowers	25.00
Primula Obconica, 2 1/2-in. pots	4.00
Mums, stock plants	5.00

Palms, Ferns and Seasonable Plants.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

Pacific Coast headquarters for quantity and quality. Send for price list.

Bassett's Floral Gardens, LOOMIS, CAL.

Mention The Review when you write.

Bon Ami A Pure White Carnation

An excellent, clean, upright grower, bearing its flowers upon long, stiff stems. Flowers from 3 to 3½ inches in diameter. Will produce in quantity equal to "The Queen," with blooms far superior in quality. Orders booked now for February delivery. $10.00 per 100; $75.00 per 1000.

Also all the leading varieties at reasonable prices. Write for prices.

GEORGE E. BUXTON, Nashua, N. H.

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, Trier, Dorothy Perkins, T. Blumschen, Lady Gay, La Fiamma, Debutante, Hiawatha — 12c each

Tausendschon, Barbier — 20c each

Clematis Paniculata, field-grown, 1-year, 6c each

Clematis Paniculata, field-grown, 2-year, 10c each.

Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c

Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.

Viburnum Plicatum, 2 to 3 ft., 12c.

Viburnum Plicatum, 3 to 3½-ft., 15c.

Chinese Sacred Lilies, $3.00 per 100; $25 00 per 1000

Dutch Hyacinths, named varieties, single and double, 45 kinds.

First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

A. N. PIERSON, Inc.
CROMWELL, CONN.

Grafted and Own Root Roses

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120.00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid,			
Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

Carnations We are now booking orders for Carnations. Pink Delight and May Day are our leaders in new varieties. Winsor, Beacon, White Enchantress and White Perfection in quantity.

Chrysanthemums The best of the new ones and the best of the standards. Commercial varieties exclusively. We are booking orders for both rooted cuttings and plants from pots for February and March delivery.

Our Catalogue Contains the Carnation and Chrysanthemum lists. It includes our Rose list and the bedding stock. You need our catalogue. If you haven't received one, send for it. We can handle your order whether it is large or small.

Mention The Review when you write.

Carnation Bay State

$3.00 per 100

Having bought a large stock of this new variegated Carnation last year, we can offer first-class rooted cuttings of this variety at $3.00 per 100.

Also rooted cuttings of Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winona and Winsor at $3.00 per 100; unrooted cuttings, $2.00 per 100.

Reduced prices made on large orders. Send orders as early as possible.

Fresh Cut Flowers shipped to all parts of New England and Canada.

High grade Carnation Blooms our specialty; shipped direct from the grower to the retailer at wholesale price.

Shepard's Garden Carnation Co., 292 Fairmount St., Lowell, Mass.

Mention The Review when you write.

little outside stock that we have to depend almost entirely on hothouse flowers. Usually at this season of the year we have quantities of narcissi, daffodils, wild flowers and fruit blossoms, but the continued frosty spell has kept everything backward. Even violets, which under ordinary conditions fill in a big gap at this time, have been at a premium and the Italian growers have made the bunches so small that retailers have had hard work to handle them at any profit.

Carnations are slightly advanced in price from last week and roses have held their own. Of the former, $4 to $5 per hundred is the ruling rate to the stores, with a limited stock to pick from. Valley, Roman hyacinths and freesias have been in extra demand, owing to the scarceness of stock, and several of the yellow cupped species of narcissi, which under ordinary conditions cannot be disposed of at any price, have suddenly become quite marketable. Early daffodils show a slight drop, but are still costing the retailers from $2.50 to $3 per hundred. Wild maidenhair, although not yet of first quality, is being used in large quantities in the place of the tame variety, which plainly shows the effects of being overworked during the holiday season.

Business continues to be fair.

Various Notes.

Sixty-five members of the Pacific Coast Horticultural Society sat down to their first annual banquet in the banquet room of the Palace hotel on Saturday evening, January 22. V. Matraia, president of the society, acted as toastmaster. Past-President H. Plath gave a brief history of the society since its inception eight years ago, and reported that it is now in a flourishing condition. As a member of the Society of American Florists, he said he would endeavor to have that body hold its annual convention here in 1915, at the time of San Francisco's proposed exposition. Other speakers were: D. MacRorie, on "Orchids"; John R. Atkinson, on "Plant Life"; Chas. Shellgrain, on "The Retail Florist," and E. W. McLellan, on "American Beauties."

The Department of Public Parks of Oakland has just completed a propagating house at a cost of $2,000, erected under the supervision of Malcolm Lamond, city gardener.

E. W. McLellan & Co., of Burlingame, Cal., are cutting heavily of Brides, Maids and Liberties at this time. Their stock is

[Concluded on page 60.]

YOU cannot afford, if you grow Carnations and are looking for larger profits on your present capital, not to investigate Dorothy Gordon CAREFULLY before you complete your season's arrangements—for Dorothy Gordon has the other commercial Carnations excelled at every point, and it's simply a matter of justice to yourself to give it at least a fair trial this year.

We have asked our friends to visit our plant and see it growing, and a great many have done so. Have YOU? If not, we urge you to come now, for you will certainly be convinced, as others have been, after seeing it in our houses.

Carnation Dorothy Gordon

Possesses all the points that you, a progressive grower, desire in the flowers you supply your trade. Large size (3 inches or more in diameter) fine, uniform color (a shade darker than Pink Enchantress), long, stiff stems, strong constitution and excellent keeping qualities, profusion of bloom—all these are big, important qualities in favor of our new Carnation—and best of all is the fact that its buds command a price 50 per cent higher than those of the ordinary commercial sorts.

If you want any Dorothy Gordon this year, though, you'll need to get in your reservation at once, as our stock of rooted cuttings is being taken rapidly. Orders will be filled in strict rotation at these popular prices: $10 per 100; $75 per 1000.

Give us a chance to show what Dorothy Gordon will do. Come to Wyncote if you can; if not, write for further particulars—we'll gladly answer questions.

JOSEPH HEACOCK COMPANY, Disseminators, Wyncote, Pennsylvania

Mention The Review when you write.

WHITE KILLARNEY, MY MARYLAND, PINK KILLARNEY

Rooted Cuttings and 2½-inch plants. Booking orders now for future deliveries. The right Place—the right Goods—the right Prices. Come and see them grow.

	Rooted Cuttings Per 100	Rooted Cuttings 1000	2½ inch Per 100	2½ inch 1000
White Killarney	$8.50	$60.00	$ 8 50	$ 75.00
" " grafted	....	.....	14.00	125 00
Pink "	4.00	35.00	6 00	55.00
" " grafted	....	.....	12.00	120.00
My Maryland	4.00	35.00	6.00	55.00
" " grafted	....	.....	12.00	110.00

	Rooted Cuttings Per 100	Rooted Cuttings 1000	2½-inch Per 100	2½-inch 1000
Richmond	$3.50	$30.00	$5.50	$50.00
Maid	3.00	25.00	5.00	45.00
Bride	3 00	25.00	5 00	45.00
Cardinal	3.50	30.00	5.50	50.00
American Beauties	4.00	35.00	7.00	65.00

3½-inch sizes will be offered when ready at 40% increase over 2½-inch. You cannot afford to buy poor stock at 50% less.

POEHLMANN BROS CO., Morton Grove, Illinois

SAN FRANCISCO.

[Concluded from page 59.]

first-class and shows careful handling on the part of J. T. Gilmore, the head grower.

Frank Berry, landscape architect, is now a resident of Berkeley, Cal.

William McCullough, of the Trumbull Seed & Plant Co., reports a heavy shipping trade for the month of January.

Dr. Parker, the well-known orchid grower of Santa Cruz, Cal., is sending in considerable quantities of cattleyas to the local dealers.

Philip Murray is at present with Clarke Bros., of Oakland, Cal.

The block of buildings in which is located the Elmhurst Florist, on Thirteenth street, Oakland, Cal., is to be torn down preparatory to erecting a larger edifice, compelling this firm to seek other quarters.

William Bernard, recently with the Thorsted Floral Co., has entered the employ of W. A. Manda and will shortly leave San Francisco for the orient, on an orchid collecting tour.

Chas. Lyons is away on a trip to Portland and Seattle. He expects to be absent from town at least a month.

The death of H. W. Meek, president of the California Nursery Co., of Niles, Cal., is reported in this week's obituary column. G.

GREENSPRING, O.—William Unser's greenhouse was damaged by fire, January 27, to the extent of about $600, fully covered by insurance. The flowers were only slightly damaged and the building has been temporarily repaired and will be rebuilt in the spring.

NORTH AUGUSTA, S. C.—Tourists are coming slowly, as the season is just opening. Boatwright's Floral Co. has a room at Partridge Inn, a small, select tourist hotel, near Bon Air. In that room the Boatwrights not only have a display of daffodils, narcissi and hyacinths in flats, but they also carry a fine line of tapestries, hand-painted china, place cards, score cards, etc., besides cut flowers galore. Last week this firm had the decorations for three fashionable luncheons and an elaborate dinner.

Conquest

Light pink overlaid with deep rose. The most valuable and attractive Carnation on the market. Lawson habit, very free, long stiff stems, large well built flowers.

Winner of first prize wherever shown. Rooted cuttings guaranteed.
Ready now, $12.00 per 100; $100.00 per 1000.

Chicago Carnation Co., A. T. PYFER, Mgr. Joliet, Ill.

Mention The Review when you write.

Mary Tolman

Deep flesh that does not fade in the strongest light, clean grower, rigid stem, perfectly formed flowers, good producer. Cuttings ready now. $12.00 per 100; $100.00 per 1000. Guaranteed in every way.

A. E. HUNT & CO., Evanston, Ill. CHICAGO CARNATION CO., Joliet, Ill.
HUNT BROS., Park Ridge, Ill.

Mention The Review when you write.

SANGAMO

Brilliant glistening pink. Winner wherever shown. The most prolific and fastest growing Carnation of any; very clean, upright grower, long stiff stems, never splits, flowers nicely fringed and well rounded out. The one real money maker for you to grow. Orders booked now.

$12.00 per 100; $100.00 per 1000.
All cuttings guaranteed.

A. C. Brown, Springfield, Ill.
Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.



It takes good, healthy plants, free from rust and other diseases, to produce a crop like this. Our plants have retained their health and vigor since the date of this photograph. It takes healthy plants to produce healthy cuttings, so, if you want cuttings of this kind, send us your order.

	Per 100	1000
White Perfection	$3.00	$25.00
White Enchantress	3.00	25.00
O. P. Bassett	5.00	40.00
Winsor	3.00	25.00
Afterglow	$3.00	$25.00
Beacon	3.00	25.00
Victory	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Lawson-Enchantress	$2.50	$20.00
Enchantress	2.00	18.00
Mrs. Patten	3.00	25.00
Lawson	1.50	12.50

ROSE CUTTINGS

Bride and Maid...$2.00 per 100; $17.50 per 1000 Killarney.....$3.00 per 100; $25.00 per 1000 Beauty.....$3.00 per 100; $25.00 per 1000

All cuttings guaranteed to be first-class.

WEILAND & OLINGER, Newcastle, Ind.

Mention The Review when you write.

NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

	Per 100	1000
Enchantress	$2 00	$15.00
W. Enchantress	2.50	18.00
Kingston Pet	2.50	18 00
Beacon	2.50	18.00
White Lawson	1.50	12 00
Winsor	1.50	12.00
Variegated Lawson	1.50	12.00

Send your orders for Jan., Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

Mention The Review when you write.

PALMS

Especially strong plants ready for shifting.

Kentia Belmoreana, in 2½-inch pots, $9.00 per 100; $85.00 per 1000.

Areca Lutescens, in 2½-inch pots, $7.00 per 100; $65.00 per 1000.

JACKSON & PERKINS CO.
NEWARK (Near Rochester), **NEW YORK**

Always mention the Florists' Review when writing advertisers.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.
RICHMOND, INDIANA

MILWAUKEE.

The Market.

All in all, there was a change for the better to report for last week. Stock in all lines came in more steadily and freely than the week previous, and with the supply came a steady demand which kept things moving nicely and gave the market a good tone. The latter part of the week found a brisk demand for roses, Beauties and carnations. Romans, Paper Whites, tulips and the like also came in in larger quantities and valley and violets moved well. Saturday, January 29, roses and Beauties were indeed a scarce article, good money failing to produce them, and even the large neighboring markets could give no relief. Locally, McKinley day was really not much to speak of. The receipts of carnations on that day were heavy, and nearly all the retailers bought a few extra ones, and the same can be said of the shipping orders; consequently all the stock was cleaned out before night. Although pink of the Lawson shade was the original McKinley day color, red was the color called for locally.

Various Notes.

Currie Bros. say that their long suit last week was funeral work, there being several large funerals out of town.

The Edlefsen-Leidiger Co. reports a little something doing all the time. They complained of the rose shortage last Saturday, which caused them endless trouble.

The Holton & Hunkel Co. is now cutting a nice daily lot of Easter lilies and lily of the valley.

While there are small lots of blooming plants coming in these days, the C. C. Pollworth Co. says that the weather conditions greatly regulate their sales, the cold weather practically causing this branch of their business to cease completely.

The Wisconsin Floral Co., located in the Caswell building, reports lively sales of carnations, both single and in quantity, for McKinley day, and says that business for the whole week was quite satisfactory.

After laboring for some time under the impression that the American Carnation Society would hold its next convention in Milwaukee, the local boys were greatly surprised and disappointed to know that the 1911 convention will be held in Boston. Our delegation to the Pittsburg convention returned Sunday, January 30.

Christ Lund, Wausau, Wis., visited us last week. E. O.

WINCHESTER, MASS.—The greenhouses of the late George Milne, on Lincoln street, are to be conducted by his wife.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3 50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat, Beacon.

Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

CARNATIONS

	Per 100
New Yellow, by Henry Schrade, Saratoga, N. Y., cuttings	$12.00
Bay State	5.00
Enchantress	3.00
White Enchantress	3.00
Winsor	2.50
White and Pink Lawson	2.00
Pres. Seelye	2.00
Lady Bountiful	2.00

Ready for immediate delivery.

Send for our Price Lists of Seeds and Bulbs.

Yuess Gardens Company

91 Water St., NEWBURGH, N. Y.

Mention The Review when you write.

Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Begonias,** $1.50 per 100. **Daisies,** white and yellow, $1 00 per 100. Express paid.

CASH WITH ORDERS

S. D. BRANT, Clay Center, Kan.

Carnation Rooted Cuttings

both standard varieties and the best novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery. Katalog for the asking.

SKIDELSKY & IRWIN CO.

1215 Betz Bldg. PHILADELPHIA

:: ROOTED CUTTINGS ::

Carnations

	100	1000
O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
White Perfection	2.00	15.00
White Lawson	1.50	12.50

Fine, Clean, Strong, Well-rooted Stock

Roses

	100	1000
Richmond	$2.00	$17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Killarney	2.50	20.00
Perle	2.50	20.00
Sunrise	2.50	20.00

Peter Reinberg, 35 Randolph St., Chicago

Mention The Review when you write.

Roses

Fine 2½-in. pots. Own roots.

Orders booked now for March and April delivery.

	Per 100	1000
White Killarney	$8.00	$75.00
Killarney	5.00	45.00
My Maryland	6.00	50.00
Rhea Reid	6.00	50.00
Richmond	5.00	45.00
Kate Moulton	5.00	45.00
Bride	4.00	35.00
Bridesmaid	4.00	35.00

Also American Beauties

Carnation Rooted Cuttings

	Per 100	1000
O. P. Bassett	$6.00	$50.00
Pink Delight	6.00	50.00
Mrs. J. C. Vaughan	6.00	50.00
Georgia	6.00	50.00
Sarah Hill	5.00	45.00
Patten	3.00	25.00
Afterglow	3.00	25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Victory	2.50	20.00
Robt. Craig	2.50	20.00
Lady Bountiful	2.00	17.50
White Lawson	2.00	17.50
Winsor	2.00	17.50
Mrs. T. W. Lawson	1.50	12.00
Light-pink Lawson	1.50	12.00

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Carnation Cuttings

Strong, Well Rooted, Healthy Stock.

	Per 1000		Per 1000
Enchantress	$15.00	Winona	$25.00
R. P. Enchantress	15.00	Afterglow	25.00
W. Enchantress	25.00	Variegated Lawson	12.00
L. Enchantress	20.00	Pink Lawson	10.00
O. P. Bassett	45.00	Queen	10.00
Lucille	75.00	Sarah Hill	20.00
Beacon	25.00	White Perfection	25.00
Mrs. Chas. Knopf	45.00	Harlowarden	15.00
Victory	20.00	Ruby	45.00
Winsor	15.00		

——Cash or C. O. D.——

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ACTO, N. J.

Mention The Review when you write.

SHASTA

We are now shipping fine, strong cuttings of this variety daily, as fast as they are ready to come out of the propagating bed. We have enough orders booked to take all that will be ready up to February 15. Send in your order at once if you want late February delivery.

Come and see it growing

and be convinced that Shasta is the greatest paying white Carnation of the day. Once you see it you will want to grow it.

$12.00 per 100; $100.00 per 1000.

SEND FOR OUR PRICE LIST OF NEW AND STANDARD SORTS

BAUR & Smith, 38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

Rooted Carnation Cuttings

Immediate Delivery. Clean Healthy and Well-Rooted

	Per 100	Per 1000
"Miami Queen," our new carnation, cerise-pink	$10.00	$85.00
Enchantress	2.00	18.00
Enchantress, Rose-pink	3.50	30.00
Enchantress, White	3.50	30.00
White Perfection	2.50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00

Cash With Order or Satisfactory References

Miami Floral Co., Geo. Bartholomew, Mgr.
24 N. Main St. - - - DAYTON, OHIO

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2.00	$18.00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20.00
Pink Lawson	2.00	15.00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

Mention The Review when you write.

WINSOR

We have about 15,000 Winsor cuttings that will be ready between February 1st and 20th. As we need the room we will offer this stock until sold at $1.50 per 100; $12.50 per 1000. Cash with order. This stock is guaranteed to be strictly first class in every respect. If, upon arrival, stock is not satisfactory, same may be returned to us at once and money will be refunded.

WHITE BROS., Gasport, N.Y.

Mention The Review when you write.

PITTSBURG.

The Market.

Trade conditions have not changed much since last report. Roses are still scarce, but the shortage is not felt much, as there are plenty of other flowers. Carnations, lilies, narcissi and tulips are coming in abundance, giving more variety than at any time this winter.

Among the city retailers business was quiet, convention week giving them time to look around.

Various Notes.

The finance committee for the convention met January 31 and found they had not spent nearly all their money. It was suggested that a fund be started with the balance, the interest of which would pay for an annual prize for the future conventions.

Congratulations are being handed to James Crall. It is a boy.

The last of the convention visitors have departed.

John Reimels, Woodhaven, N. Y., who was taken suddenly ill last Wednesday and sent to the hospital, was able to leave for home Saturday noon in pretty fair shape.

Our convention visitors have said so many nice things and some of our committeemen are so puffed up that I hate to think what would happen if anyone should stick a pin in them.

Wm. Falconer and daughter left Wednesday, February 2, for a month in Florida. They will stop in Washington, Richmond and several other places long enough to say "How do?" to some old friends.

About 100 people took advantage of the trip to Bakerstown Friday, January 28, to visit the greenhouses of the Pittsburg Cut Flower Co. Mr. Burki met the party with sleds at the cars. After seeing what was to be seen and having a lunch, the party returned to the hotel.

Hoo-Hoo.

MONTPELIER, VT.—The stock in Fred Benway's greenhouse, on Kent street, was destroyed by the intense cold on Sunday morning, January 16.

FERNS FOR DISHES

Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Cash with order.

Frank Oechslin, 4911 Quincy St., Chicago, Ill.

Formerly Garfield Park Flower Co.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Mention The Review when you write.

PRIMULA

Chinensis Obconica

No better strains in existence. Famous Ronsdorfer and Lattmann Obconica hybrids, 2-in. stock ready now. For prices see classified adv.

J. L. SCHILLER, 929 Prouty Ave., Toledo, O.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

NEW CARNATIONS FOR 1910

	Per 100		Per 100
Dorothy Gordon	$12.00	Admiration	$12.00
Shasta	12.00	Alma Ward	12.00
Scarlet Glow	12.00	Mrs. C. W. Ward	12.00
Sangamo	12.00	Conquest	12.00

CARNATIONS OF 1909

	Per 100		Per 100
O. P. Bassett	$6.00	Ruby	$6.00
Pink Delight	6.00	Mrs. J. C. Vaughan	6.00
Mrs. Chas. Knopf	6.00	Georgia	6.00

STANDARD VARIETIES

White Varieties—	Per 100	Pink Varieties—	Per 100
White Enchantress	$3.00	Winsor	$3.00
Lady Bountiful	3.00	Afterglow	3.00
White Perfection	3.00	Splendor	3.00
Queen Louise	2.50	Pink Imperial	2.50
The Queen	2.00	Rose-pink Enchantress	2.50
My Maryland	2.00	Mrs Thos. Lawson	2.00
Sarah Hill	3.00	Nelson Fisher	2.00
Lloyd	3.00	Mabelle	1.50
Red Varieties—		Variegated Enchantress	2.50
Robert Craig	$3.00		
John E. Haines	2.00	**Yellow Varieties—**	Per 100
Beacon	3.50	Eldorado	$2.00
Flamingo	2.00	Golden Beauty	2.00
Victory	3.00		
Roosevelt	2.00	**Variegated Varieties—**	Per 100
Harlowarden	2.00	Mrs. Patten	$2.50
Cardinal	2.00	Jessica	2.50

GRAFTED and OWN ROOT ROSES ready for early delivery. Send for circular.

CHOICE VARIETIES OF VERBENAS

Rooted cuttings, our selection	$0.75 per 100; $ 6.00 per 1000
Plants, 2½-in. pots, our selection	2.50 per 100; 20 00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100; 8.00 per 1000
Plants, purchaser's seclection	3.00 per 100; 25.00 per 1000

Entirely sold out of Miss Wilmott cuttings and plants.

J. L. DILLON, - - - - Bloomsburg, Pa.

Mention The Review when you write.

SANGAMO The New Pink Carnation



Everyone who has seen SANGAMO growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it NOW. Price, $12.00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN

SPRINGFIELD, ILL.

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted,
Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.
If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

ROOTED CUTTINGS

Geraniums, Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000. S. A. Nutt, 2-in. pots, $2.00 per 100; 3-in. pots, $3.50 per 100.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Alyssum, double giant, 65c per 100; $6.00 per 1000.
Carnations, rooted cuttings. Enchantress, $2.50 per 100; $20.00 per 1000. White and Rose-pink Enchantress, $3.00 per 100; $25.00 per 1000. Pink Lawson, $2.00 per 100; $15.00 per 1000.
Russellias, 70c per 100; $6.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.
English Ivy, 4-in., $10.00 per 100.
Dracaena Indivisa, 5-in., $30.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

Mention The Review when you write.

DECORATIVE PLANTS

	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15.00
5-in. " "	25.00
7-in. " "	60.00
2½-in. **Whitmani Ferns**	5.00
2-in. **Asparagus Plumosus Nanus**	8.00
4-in. " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. " "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

D. U. AUGSPURGER & SONS CO.
PEORIA, ILL.

Mention The Review when you write.

EASTER PLANTS

You are interested in plants for Easter. We have Azaleas, Hydrangeas, in all sizes; Baby Ramblers, White Ramblers, Souperts, Lilies, Hyacinths, and other bulb stock. Write us in regard to these.

We can furnish you now, in bloom, Azaleas, Cinerarias, Cyclamen and Primroses.

YOUNG ROSE STOCK. We have about 20,000 young Rose plants that will be ready for a shift in February. If you are interested in them ask for our list of varieties and prices.

FERNS. If you are interested in Ferns of any kind or size, write us and let us know what you will want.

GEO. A. KUHL
Wholesale Grower **Pekin, Ill.**

Mention The Review when you write

Geraniums—American Beauty, 2¼-in. pots, $35.00 per 1000. S. A. Nutt, La Favorite, Mme. Barney, 2¼-in. stock, $2.00 per 100; $18.00 per 1000.
Dahlias—Fine assortment, all good cut flower varieties, $6.00 per 100; $55.00 per 1000. Large field-grown roots.
Hardy Phlox—Large lists, all true to name. Good sized clumps from the field. $4.00 per 100; $35.00 per 1000.
Write for descriptive lists of Dahlias and Phlox.
WOODWORTH & PARKER, Geneva, O.

Mention The Review when you write.

TIRED

Of Your Cattleyas?

...ll them to me before they die. State number of varieties and condition. Address No. 181, ... of Florists' Review, Chicago.

GERANIUMS

Our Special Illustrated Geranium Catalogue describes the largest and most complete collection in the country, at $2.00 per 100. Good Standard Varieties up to 50c each, for 1909 European Novelties.

For $18.50, cash, we will send 50 each of 20 distinct varieties, our selection. A collection on which we are willing to stake our reputation.

One each of 50 varieties, 1909 introduction, our selection, for $5.00.

	Per 100
Ivy Geraniums, 6 varieties	$2.00
Scented Geraniums, 6 varieties	2.00
Variegated Geraniums, 5 varieties	3.00

Double Lobelia Kathleen Mallard; Alyssum, giant and double; Lemon Verbenas; Fuchsias, 6 varieties; Coleus Golden Bedder and Verschaffeltii; Lantanas, 6 varieties; Salvia Bonfire, Double mixed Petunias, Hardy Chrysanthemums, from 2-inch pots, $2.00 per 100.

Fuchsias	3-inch, 75c per doz.; $3.00 per 100
Canna Roots, strong divisions	$1.75 to $2.50 per 100; $18.50 per 1000
Dahlia Roots, whole clumps	$5.00 per 100; $40.00 per 1000
Mixed to color	4.00 per 100; 35.00 per 1000

Cash with order. Visitors always welcome.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

Mention The Review when you write.

Chrysanthemums

All the best commercial and exhibition, as well as Anemones, Singles, Pompons, Dwarf Singles and Hardy Varieties. Orders booked now for early delivery.

Write for Catalogue.

ELMER D. SMITH & CO., Adrian, Mich.

Mention The Review when you write.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

Mention The Review when you write.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

Mention The Review when you write.

MANCHESTER, MASS.

Charles H. Totty was the speaker at the meeting of the North Shore Horticultural Society, January 21. The members turned out in large numbers to hear so famous a specialist in chrysanthemum culture. The lecture was listened to with close attention and many points were discussed thoroughly in the debate which followed.

Although the single and semi-double chrysanthemums have gained enormously in popular favor among residents of Boston and the North Shore, there is no wane in the popularity of the big blooms, and Mr. Totty's remarks on this point were closely followed.

The society, which is now incorporated and has a substantial balance in the treasury, made preparations to hold its annual banquet in the Town hall, February 3. An attractive menu, entertainment and dance were arranged for and the tickets sold readily, this being one of the best social gatherings of the year on the North Shore. Every year an effort is made to surpass the previous year's banquet, and as the seating accommodation is limited to 200 persons, the tickets are eagerly snapped up.

A. E. P.

FORT WAYNE, IND.

The market here is holding its own, and both plants and cut flowers are meeting with an excellent demand.

Miss Meinhardt, of St. Louis, is visiting Mrs. W. J. Vesey for a few weeks. Mr. and Mrs. W. J. Vesey attended the carnation show at Pittsburg.

Ex-President Valentine was in the city Saturday, January 29, on his way home from Pittsburg.

The Flick Floral Co. has exceedingly bright hopes for a carnation crop in the near future. The houses are one mass of buds.

YONKERS, N. Y.—Steps were taken at a recent meeting of several prominent florists in the Kleinert building to organize the Yonkers Horticultural Society. The following temporary officers were chosen: Frank Knapper, president; Charles Louth, secretary; Peter Macdonald, treasurer. A meeting to perfect the organization was to be held at a later date.

FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1.25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5 in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00 $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c, 6-in., 75c.
Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

All my plants are in fine condition.

JOHN BADER

43 Ravine St., N. S., PITTSBURG, PA.

Mention The Review when you write

Palms and Other Seasonable Stock

We have an extra good stock of Forsteriana, made-up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values.
7-in. pots, 3 plants in a pot, 40 to 44 inches high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each.
Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each.
Full line of sizes of both Forsteriana and Belmoreana in Price List No. 5, just out. Send for it if you did not receive it.

Genista Racemosa—5-in. pot plants, bushy, $3.50 per doz.; $25.00 per 100.
Rhododendrons—18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Azalea Mollis—12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.
Bougainvillea Glabra Sanderiana—5-in., well shaped, bushy plants, $3.00 per doz.
Asparagus Sprengeri—2 in., $2.50 per 100; $20.00 per 1000.
Boxwood—Fine bush plants, 12 in. high, $3.00 per doz.; $20.00 per 100.
Fuchsias—Assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

Mention The Review when you write.

Craig Specialties

Cyclamen, our own strain, are exceptionally well-flowered, perfect and sure to please the most critical buyer; the plants from 75c up are mostly white. 25c, 50c, 75c, $1.00, $1.25 each.
Azaleas—Apollo and Firefly.....75c, $1.00, $1.25, $1.50 each
Nephrolepis Scottii.....$6.00, $9.00, $12.00, $18.00, $24.00 doz.
" Todeaoides.....$6.00, $9.00, $30.00 doz.
Oranges.....40c, 75c, $1.00, $1.25, $1.50, $2.00 each
Ficus Pandurata.....$2.00, $3.00, $4.00 each
Dracaena Massangeana.....$1.50 and $2.00 each

All of the above of first quality.

ROBERT CRAIG CO., 4900 Market St, PHILADELPHIA, PA.

Mention The Review when you write.

STOCK FOR FLORISTS

ROSES for Forcing—Hybrid Perpetuals and Ramblers, all the best ones; fine, strong stock.
CLEMATIS, AMPELOPSIS, TREE HYDRANGEAS and LILACS, SHRUBS, VINES and PERENNIALS. Write for prices.

JACKSON & PERKINS CO., Newark, Near Rochester, New York

Nurserymen and Florists—Wholesale Only. Use printed stationery.

Mention The Review when you write.

FERNS

		Per 100
Boston,	strong, 6-in., stock,	$40.00 to $ 50.00
Scottii,	" " "	40.00 to 50.00
Piersoni,	" " "	40.00 to 50.00
Whitmani,	" " "	40.00 to 50.00
Todeaoides,	" " "	40.00 to 50.00
Superbissima,	strong, 6-in., stock,	100.00
"	" 4-in., stock,	40.00
Strong, 4-in. stock of above varieties,		20.00

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Daisies, yellow and white, 2½-in. pots, $3.00 per 100.

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Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.

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Improved Elegantissima. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greatly improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-in. pots, $3.00 per doz.; 6-in., $6.00 to $9.00 per doz.—according to size; 8-in., $12.00 to $18.00 per doz.—according to size.

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Fine 2-in. Sprengeri, $2.00. 2-in. plumosus, $3.00; 4-in., $10.00.
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Strong, well rooted, healthy stock.

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Beacon	25.00 per 1000
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Winsor	15.00 per 1000
Winona	25.00 per 1000
Afterglow	25.00 per 1000
Variegated Lawson	12.00 per 1000
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Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Robert Craig	3.00	25.00
Afterglow	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Harlowarden	3.00	25.00
Winsor	3.00	25.00
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White Perfection	3.00	25.00
May Day	6.00	50.00
Winona	3.00	25.00
Winsor	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
Afterglow	2.50	20.00
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And all the standard varieties.
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White Enchantress	3.00	25.00
Winsor	2.50	20.00
Beacon	3.00	25.00
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S. J. Reuter & Son, Inc., Westerly, R. I.

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	100.	1000.
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Strictly first-class stock of the best commercial varieties. 250 at 1000 rate.

	100	1000
Harlowarden	$2.00	$18.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.75	22.50
White Perfection	2.75	22.50
Pure White Enchantress	3.00	25.00
Winona	3.00	25.00
Beacon	3.50	30.00

A. A. GANNETT, GENEVA, N. Y.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$15.00 1000
R. P. Enchantress	2.00 100;	15.00 1000
Lawson-Enchantress	2.00 100;	18.00 1000
Winsor	1.50 100;	12.50 1000
Nelson Fisher	2.00 100;	15.00 1000
M. A. Patten	1.00 100;	10.00 1000
Lady Bountiful	1.50 100;	12.50 1000
Boston Market	1.00 100;	10.00 1000
Beacon	3.00 100;	25.00 1000

Cash or C. O. D.
John H. Miller, 5558 N. Lincoln St., Chicago.

CARNATION BAY STATE.

Last fall we bought a large stock of this new variegated carnation and now can offer first-class rooted cuttings at $3.00 per 100.

Also rooted cuttings, good stock, of Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winsor and Winona, $3.00 per 100; unrooted, $2.00 per 100. Reduced prices made on large orders.
SHEPARD'S GARDEN CARNATION CO.,
292 Fairmount St., Lowell, Mass.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Prosperity, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (pink Prosperity, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

Clean, well rooted carnation cuttings, from plants of perfect health. Lawson-Enchantress, $3.00 per 100; $25.00 per 1000. Enchantress, Rose-pink Enchantress, Aristocrat and Afterglow, $2.50 per 100; $20.00 per 1000. Cash with order or satisfactory reference.
Henry Baer, R. F. D. 8, Peoria, Ill.

Carnations, strong, healthy rooted cuttings, ready now.
Enchantress
Lawson-Enchantress
Lady Bountiful
R. P. Enchantress
White Perfection
$2.50 per 100; $20.00 per 1000.
O. P. Bassett, $6.00 per 100; $50.00 per 1000.
KRUEGER BROS., TOLEDO, OHIO.

Rooted carnations, strong, healthy stock. Lawson and White Lawson, $1.50 per 100; $12.00 per 1000. Enchantress and R. P. Enchantress, $2.00 per 100; $18.00 per 1000. Victory, $2.50 per 100; $20.00 per 1000. Will exchange for strong 3-in. Asparagus plumosus.
Wellworth Farm Greenhouses, Downers Grove, Ill.

Carnations, clean, healthy rooted cuttings. Enchantress, Victory, Winsor; Lawson, pink and white, $13.00 per 1000. Boston Market, $10.00 per 1000. 100 at 1000 rate. Cash or C. O. D.
Northwestern Floral Co., Wilmette, Ill.

Well rooted Enchantress, Lawson, Queen, $1.50 per 100; $12.50 per 1000.
I have 500 well rooted Beacon which I will exchange for 500 well rooted Winsor.
C. W. Curtis, Irondequoit, N. Y.

Rooted carnation cuttings. Enchantress, W. Enchantress, Rose-pink Enchantress, Pink Imperial, $2.75 per 100.
South Bend Floral Co., South Bend, Ind.

Well rooted carnation cuttings, entirely free from all disease. Winsor, Enchantress, White Enchantress, White Perfection, Beacon, $3.00 per 100; $25.00 per 1000. Boston Market, $2.00 per 100; $17.50 per 1000.
Edw. Reid, 1526 Ranstead St., Philadelphia, Pa.

Rooted carnation cuttings from cool-grown stock. White Enchantress and Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Winsor, Lady Bountiful and White Perfection, $2.50 per 100, $20.00 per 1000.
Warrendale Floral Co., St. Paul, Minn.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Strong, clean, well rooted cuttings of Winsor, $3.00 per 100; $25.00 per 1000. We will exchange 1000 well rooted Winsor for 1000 well rooted White Enchantress.
Valley View Greenhouses,
Velie Bros., Props., Marlborough, N. Y.

Carnations for immediate delivery. May Day, $6.00 100, $50.00 1000; Lawson and Victory, $2.00 100, $15.00 1000; Enchantress, W. Enchantress and W. Perfection, $2.50 100, $20.00 1000.
W. Frank & Sons, Portland, Ind.

Carnations. Clean, healthy cuttings of Lawson-Enchantress, unrooted, $2.00 per 100. Will exchange for Winona, May Day or Pink Delight unrooted cuttings.
W. C. Hill Floral Co., Streator, Ill.

Carnation rooted cuttings. Victory, White Enchantress, Enchantress, White Perfection, $2.00 per 100; Pink Lawson, $1.25 per 100.
Ernsberger Bros., Celina, Ohio.

Carnations. Next delivery about March 15, at special prices. Send me a list of what you want. Albert M. Herr, Lancaster, Pa.

Carnation rooted cuttings. Beacon, Enchantress, Victory and Bountiful, $20.00 per 1000.
Wm. Murphy, 311 Main St., Cincinnati, O.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, immediate delivery.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations. Queen and Boston Market, rooted cuttings, $1.50 per 100; $10.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

Carnations. Fair Maid rooted cuttings, $1.10 100; Mrs. Lawson, $1.30 100.
Otto H. Bourdy, R. F. D. 3, Lowell, Mass.

Wanted—10,000 unrooted cuttings pure White Enchantress. State price.
The Florex Gardens, North Wales, Pa.

10,000 strong White Perfection rooted cuttings, $25.00 per 1000.
The Florex Gardens, North Wales, Pa.

Carnations. Send for our list.
Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS.

Chrysanthemum rooted cuttings, $1.00 per 100, $10.00 per 1000, except where noted. YELLOW—Early: Monrovia; Golden Harvest, $1.50 per 100; Louise Sievers, $1.50 per 100; Golden Glow, $1.50 per 100. Midseason: Bonnaffon. Late: Appleton, Yellow Jones. WHITE—Early: October Frost, $1.50 per 100, Queen. Midseason: Lynnwood Hall, Alice Roosevelt. Late: Jerome Jones. PINK—Pacific Supreme, Mrs. Wm. Hunter, $1.50 per 100; Wm. Duckham, $1.50 per 100. RED—Amateur Counseil. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Chrysanthemum stock plants, fine. Early Snow, Estelle, Pacific, Monrovia, Alice Byron, Touset, Appleton, The Queen, Mrs. Perrin, Daisy Moore, Pres. Smith, Yellow Robinson, Enguehard, Pink Shaw, Black Hawk, Yellow Jones, White Bonnaffon, Jeanne Nonin, F. S. Vallis, Mrs. E. Thirkell, Percy Plumridge, 40c per doz.; $3.00 per 100; $25.00 per 1000; or will exchange for any stock you have.
GUSTAV SCHNEIDER,
1407 So. Center Blvd., Springfield, Ohio.

Chrysanthemums. Yellow Ivory, a fine yellow sport of the well-known Ivory, young stock, 2¼-in. pots, ready March 1, $15.00 per 100.
Mrs. O. H. Kahn, Pockett's Crimson and Yellow Miller, fine plants, 2½-in. pots, ready now, $10.00 per 100.
Monrovia, Golden Glow, Miss M. Hankey, Nellie Pockett, 2¼-in., $3.00 per 100, $25.00 per 1000. Chas. H. Totty, Madison, N. J.

Chrysanthemum rooted cuttings, $1.00 per 100; $10.00 per 1000. Monrovia, Oct. Frost, Dr. Enguehard, Wm. Duckham, Cremo, Opah, Shaw, Jones, Minnie Bailey, Robinson, Maud Dean, G. Pacific, Estelle, Bonnaffon, White Bonnaffon, Black Hawk, Touset, Alice Byron and Nonin. Healthy stock, guaranteed.
D. R. Herron, Olean, N. Y.

Chrysanthemum stock plants. G. Pacific, Polly Rose, Oct. Frost, C. Touset, T. Eaton, Yellow Eaton, Yellow Jones, Dr. Enguehard, White Bonnaffon, Early Snow, 50c per doz.; $3.00 per 100. Cash.
Chase & Son, New London, O.

Chrysanthemums, coleus and other soft wooded plants, in rooted cuttings and 2½-in. pots, now ready. Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS—Continued.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Rooted mum cuttings from strong plants, bench grown. Jeanne Nonin, Yanoma, John Burton, Honesty, Golden Wedding, White and Yellow Bonnaffon, Wm. Duckham, Helen Frick, Dr. Enguehard, $1.00 per 100. February 1 delivery.
The Newburys, Mitchell, S. D.

Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready after Feb. 1. U. S. Express. W. C. Scovell, Malta, Ohio.

Chrysanthemums, strong rooted cuttings. 300 W. R. Smith, 200 Enguehard, 300 Polly Rose, 100 Halliday, $1.00 per 100. Cash.
C. A. Musser, Doylestown, O.

Chrysanthemums. 2000 very heavy, well rooted White Bonnaffon cuttings, from soil, $2.00 per 100; $18.00 per 1000.
Wilfrid Wheeler, Concord, Mass.

Pompons, field clumps, 4c; the lot of 1000, $30.00. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, $2.00 per 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cinerarias, Dreer's dwarf, 4-in., $8.00 per 100.
Krueger Bros., Toledo, Ohio.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100. Large flowering, purple, red, white and blue, $2.00 per 10.
F. A. Baller, Bloomington, Ill.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100, by mail. 50,000, good, strong, clean, well rooted cuttings, now in sand; 300,000 more coming on. Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand, and all other leading varieties. Come and see them. Cash with order.
C. Schulze & Son,
261-275 Lawrence St., Flushing, L. I., N. Y.

Coleus, Verschaffeltii, Golden Bedder, John and Anna Pfister, Firebrand, Speciosa and 15 other fancy varieties. Rooted cuttings, 60c per 100, $5.00 per 1000; 2¼-in., $2.00 per 100.
Curtis Floral Co., Hampton, Iowa.

Coleus rooted cuttings. Golden Bedder, Verschaffeltii and 10 other fine varieties, 60c per 100, $5.00 per 1000; 2½-in. pots, $2.50 per 100. D. H. Ruthrauff, Seneca Falls, N. Y.

Coleus, chrysanthemums and other soft wooded plants, in rooted cuttings and 2½-in. pots, now ready. Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Wm. Schwan & Son, Fredonia, N. Y.

Coleus rooted cuttings, 60c 1000; $5.00 1000. Golden Bedder, Verschaffelti and others.
E. B. Randolph, Delavan, Ill.

Coleus, 15 kinds, extra fine stock. Rooted cuttings, 75c; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Coleus, standard varieties, 2¼-in., 2c. Extra good, strong stock. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Coleus rooted cuttings, 15 best varieties, 60c per 100; $5.00 per 1000.
Thos. Salveson, Petersburg, Ill.

Coleus, 6 best varieties, 2-in., $1.75; rooted cuttings, 75c per 100.
Krueger Bros., Toledo, Ohio.

Coleus rooted cuttings, 15 kinds, $5.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

CYCLAMEN.

Cyclamen for Easter. Giganteum superbum, new English strain, 10 varieties Rococo, in all colors, new fringed and frilled, the new salmon shades, all that is best; 4-in., $12.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum giganteum, August sowing, twice transplanted, separate colors and fine mixture, $2.50 per 100; $20.00 per 1000. Mail or express, charges prepaid.
E. Fryer, Johnstown, Pa.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100; 2¼-in. pots, $3.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen giganteum (August seedlings), twice transplanted from flats; well-grown plants, in 5 colors, $3.00 per 100; $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen, 3-in., $4.75; 4-in., $12.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cyclamen giganteum, bud and bloom, 4-in., 15c. Krueger Bros., Toledo, Ohio.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen, fine stock, 15c to 20c each.
Mosbæk Greenhouse Co., Onarga, Ill.

DAHLIAS.

Dahlias. Frank L. Bassett, Fire Rain, Jumbo, Mrs. Winters, Gen. Buller, Souv. de Mme. Moreau, Gettysburg, Brunhilde, John Elitch, Queen Victoria, White Swan, Raphael, $2.00 per 100. Snow, Gracie, Catherine Duer, Mrs. H. J. Jones, Wm. Agnew, A. D. Livoni, Camelliaflora, Silver Wings, Volker, H. Lyndhurst, Mrs. Edw. Mawley, Maid of Kent, Mrs. F. Grinstead, Blanche Keith, Eureka, $3.00 per 100. Cuban Giant, Mrs. Roosevelt, Mrs. Hartung, Henry Patrick, Eloise, Yellow Gem, Jeanne Charmet, Countess of Lonsdale, Indian Chief, White Swan, Princess Victoria Louise, Hero, Dainty, Souv. de Gustave Doazon, Kriemhilde, $4.00 per 100. Per 100 in ten kinds, ten of each, my selection, $2.50; per 100, in twenty kinds, five of each, my selection, $3.50; in thousand lots, 20% off. Above stock is strong divisions of field roots, sound and true to name. Cash or reference. W. A. Finger, Hicksville, L. I., N. Y.

Dahlias, best varieties, that will produce fine cut flowers the first season, from strong divided field roots. Mrs. Roosevelt, Kriemhilde, Sylvia, pink; Henry Patrick, white; Wm. Agnew, Catherine Duer, red; Countess of Lonsdale, salmon-pink, and Twentieth Century, single, $5.00 per 100. Thompson & Sons, Sta. D, Milwaukee, Wis.

Dahlias. Novelties and standard varieties, true to name, a choice list of the best introductions. Send for catalogue of dahlias, hollyhocks, hardy plants, etc.
W. W. Wilmore, Box 382, Denver, Colo.

Dahlias. Countess of Lonsdale, $8.00 per 100; Black Beauty, Elegante, $3.00; Arabella, Earl of Pembroke, $6.00. All large roots. Order today. Wagner Park Conservatories, Sidney, O.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Dahlias, good, strong divisions, all named varieties, $1.75 per 100.
C. W. Hoffman, Route 13, Dayton, O.

Get my special offer of dahlias before buying. Large field clumps, surplus stock.
Barnes Gardens, Spencer, Ind.

Dahlias, Augusta, ⅛ to ¼-in., $1.10 1000, prepaid. C. H. Ketcham, N. S. D., So. Haven, Mich.

DAISIES.

Marguerite daisies and Queen Alexandra, 2¼-in., 2c; 3-in., 4c; 4-in., Queen Alexandra, strong plants, good for Easter, 7c. Extra good strong stock. Cash. Aurora Greenhouse Co., Aurora, Ill.

Daisies. California, white and yellow, from seed, 75c per 100; Paris, 2½-in., strong plants, $1.75 per 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

Paris daisies, white, yellow, rooted cuttings, $1.00; pink, 2c. Cash.
Byer Bros., Chambersburg, Pa.

New fringed Shasta daisy, Seattle, 50c each, $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

Marguerite daisies, white, strong, 2¼-in., 2½c. Hammerschmidt & Clark, Medina, Ohio.

Marguerite daisies; white, extra strong, $1.25 100 by mail. S. W. Pike, St. Charles, Ill.

Marguerite daisies, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

DRACÆNAS

Dracaena indivisa. 1000 very fine plants, from 3½-in. pots, ready for a shift, will make fine vase plants by May, $8.00 per 100, or will sell lot for $50.00.
Wilfrid Wheeler, Concord, Mass.

Dracaena indivisa, 3-in., 5c.
Mosbæk Greenhouse Co., Onarga, Ill.

FERNS.

Strong, healthy table ferns, 8 to 10 of the best varieties, from 2½-in. pots, fully established for dishes, at the extraordinary price of $2.50 per 100; $20.00 per 1000. Cash with order. U. S. or Adams express. Orders filled in rotation.
T. N. YATES & CO.,
7356 Germantown Ave., Philadelphia, Pa.

Ferns. Scottii, Whitmani and Elegantissima, 3-in., 10c; Boston and Piersoni, 3-in., 8c; Piersoni, Elegantissima and Whitmani, 5-in., 30c.
Mosbæk Greenhouse Co., Onarga, Ill.

FERNS FOR FERN DISHES, best stock, largest assortment; 2¼-in., $3.00 per 100; $25.00 per 1000.

CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.

ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.

Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!

Boston.			
4-in.	$12.00 100	7-in.	$60.00 100
5-in.	30.00 100	8-in.	80.00 100
6-in.	40.00 100	9-in.	1.25 ea.
Whitmani.			
5-in.	$30.00 100	7-in.	$60.00 100
6-in.	45.00 100	8-in.	80.00 100

R. R. DAVIS & Co., MORRISON, ILL.

Three large houses full of fine ferns. Boston, Whitmani and Scottii, 2½-in., $3.50 per 100, $35.00 per 1000; 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $115.00 per 1000. All of these ferns are ready for a shift and are exceptional values. Cash, please. Also see advs. under asparagus and vincas.
Reeser & Youngstrand, Springfield, Ohio.

Ferns. 2½-in. Boston, 3c; 3-in., 8c; 4-in., 15c; 5-in., 30c. 2½-in. Piersoni and Whitmani, 4c. 2½-in. Scottii, 5c; 3-in., 10c. 2½-in. Amerpohlii, 6c; 3-in., 12c. 3-in. Elegantissima, 10c; 4-in., 15c. Truitt's Greenhouses, Chanute, Kan.

Ferns. Elegantissima, good, strong plants, 3-in. pots, $9.00 per 100, $85.00 per 1000; 2¾-in. pots, $7.00 per 100, $65.00 per 1000.
C. Young & Sons Co.,
1406 Olive St., St. Louis, Mo.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St. N. S., Pittsburg, Pa.

Boston and Whitmani ferns, 5-in., 20c; 6-in., 40c; from bench, strong plants for 5 and 6-in. pots, 20c each. Extra good strong stock. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Fine assorted ferns, out of 3-in. pots, well grown, $5.00 per 100. Cash with order.
CHAS. A. KNAPP,
7634 Corson St., Chestnut Hill, Phila., Pa.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

500 Whitmani ferns, for 5, 6-in. pots, 20c; Elegantissima, out 6-in. pots, $12.00 per doz. Extra good value. J. B. Knapp, Sayre, Pa.

Boston ferns, 2½, 3, 4 and 5-in.; also Amerpohlii, 3, 4 and 5-in. Fine stock; prices right.
Murray The Florist, Peoria, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Boston and Whitmani ferns, from bench, strong plants, full of runners, 50c each.
De Kalb Greenhouses, De Kalb, Ill.

20,000 ferns for dishes, six leading varieties. 2½-in. pots, No. 1 stock, $3.00 per 100.
Evenden Bros., Williamsport, Pa.

Dwarf ferns for fern dishes, 6 best sorts, in fine condition, 2c; $18.00 per 1000.
The Good & Reese Co., Springfield, O.

Ferns. Piersoni, Barrowsii, Scottii and Elegantissima, 4-in., $15.00 per 100.
Wagner Park Conservatories, Sidney, O.

20,000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Ferns. Boston and Elegantissima, strong, 4-in., 15c; 6-in., 40c. Cash.
J. M. Smely, Aurora, Ill.

Boston and Whitmani ferns, extra fine, strong 2-in., $3.50 100. Cash.
F. C. Greene, Oil City, Pa.

Boston and Piersoni ferns, 2-in., $2.50 per 100. Cash. Chillicothe Floral Co., Chillicothe, O.

Whitmani ferns, 4-in., 10c; 2½-in., 8c, $25.00 per 100. John A. Doyle, Springfield, Ohio.

Whitmani fern runners, from bench, 2c each.
The Anderson Floral Co., Anderson, S. C.

Well established Boston ferns, $3.00 per 100.
Stuart & Haugh, Anderson, Ind.

Advertisers have learned from experience that
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FEVERFEW.

Double feverfew, strong, from flats, $1.00 per 100. Cash.
Frank Sokol, College St., Worcester, Mass.

Feverfew Little Gem, 80c per 100 by mail.
S. W. Pike, St. Charles, Ill.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, rooted cuttings, $1.00 per 100; nice, bushy stock plants, 4-in., $8.00 per 100.
W. Eschrich & Co., North Milwaukee, Wis.

Fuchsias, 8 best varieties, rooted cuttings, $1.50 per 100; $10.00 per 1000.
Stuppy Floral Co., St. Joseph, Mo.

Fuchsias, assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000.
The Storrs & Harrison Co., Painesville, Ohio.

Fuchsias, single and double, rooted cuttings, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

GENISTAS.

Genista racemosa, 5-in. pot plants, bushy, $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted, $1.50 per 100; $15.00 per 1000.
The W. T. Buckley Co., Springfield, Ill.

Geranium rooted cuttings. All cuttings sold for January; orders booked for later delivery. Nutt, $10.00 per 1000. Ricard, Poitevine, Jaulin, Montmort, $12.50 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please. Rudolf Nagel, Lancaster, Pa.

Geraniums, strong healthy plants from 2½-in. ready for a shift, all from August cuttings. A. Ricard, Beaute Poitevine, Hill, J. Viaud, $2.50 per 100; $24.00 per 1000. Nutt and Grant, $2.00 per 100; $18.00 per 1000.
J. Ambacher, West End, N. J.

Geraniums, good, strong stock, ready to shift. 2000 each of S. A. Nutt and J. Viaud, 1500 La Favorite, 225 Jacquerie, 475 L'Aube, 200 B. Poitevine, $2.00 per 100; $17.50 per 1000. Cash.
F. C. Greene, 610 Innis St., Oil City, Pa.

Rose geraniums, 2-in. pots, $2.50 per 100. Pelargoniums, 2-in. pots, in 20 of the best varieties, $4.00 per 100. Geranium Mme. Salleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

Geraniums: Ricard, Nutt and Buchner, strong, cool grown plants, from 2-in. pots, $2.00 per 100; $20.00 per 1000. Ricard, 2½-in., $2.50 per 100; mixed, $18.00 per 1000.
J. R. Brooks, Oxford Depot, N. Y.

Geraniums, 2¼-in., $3.00 per 100, $25.00 per 1000; 3-in. La Favorite, $5.00; 2¼-in. Rose geraniums, 2c. Special prices on larger sizes.
Mosbæk Greenhouse Co., Onarga, Ill.

Geraniums, strong 2¼-in. 500 E. G. Hill, 500 La Favorite, 1500 S. A. Nutt, 500 Ricard, 400 De Castellane and 600 mixed, $2.00 per 100.
Arthur Harbison, Harrodsburg, Ky.

Geraniums, 2¼ and 2½-in, Varieties: Nutt, Ricard, Poitevine, La Favorite, Jean Viaud. Good, well rooted stuff, $20.00 per 1000.
Crown Point Floral Co., Crown Point, Ind.

Geraniums all sold to March 1. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000; Mme. Salleroi, 2½-in. pots, $2.00 per 100.
G. E. Fink, Roselle, N. J.

Geraniums. Good, strong top cuttings, 2¼-in., of Heteranthe and La Favorite, $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Geraniums. S. A. Nutt, Buchner, Viaud, Perkins, Doyle, Montmort and others, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Geranium rooted cuttings. S. A. Nutt and Grant, $1.25 per 100; $10.00 per 1000. Cash with order. W. C. Myers & Sons, Scottdale, Pa.

Good 2¼-in. Nutt and John Doyle geraniums, $2.50 per 100; $20.00 per 1000. Cash. 500 at 1000 rate. Rutledge Nurseries, Rutledge, Pa.

Well rooted cuttings of Buchner, $10.00 per 1000. Can deliver at once. Other varieties Feb. 15. C. F. Treichler, Sanborn, N. Y.

Geraniums. Ricard, Poitevine, Bruant, De Castellane, La Favorite, Nutt, 2¼-in., $20.00 per 1000. S. M. Harbison, Danville, Ky.

Geraniums. Next delivery about March 7. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000. Albert M. Herr, Lancaster, Pa.

Geraniums. S. A. Nutt and 8 other varieties, 2½-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Rooted geranium cuttings. S. A. Nutt, Poitevine, A. Ricard, Dbl. Grant, La Favorite, $1.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Geraniums. Nutt, Trego (scarlet), Viaud, Jaulin, La Favorite, 2-in., $2.00 per 100. Cash. F. Sokol, College St., Worcester, Mass.

1000 choice mixed geraniums, strong, 2½-in. pots, 2c; if taken at once, $18.00. Need room.
S. E. Muntz, Dubuque, Iowa.

Geranium rooted cuttings, Nutt, Ricard, Poitevine, $12.50 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Mme. Salleroi geraniums, rooted cuttings, $1.00 per 100; 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Mme. Salleroi geraniums, strong, 2-in., $2.50 100. Cash. J. W. Miller, Shiremanstown, Pa.

Geraniums, apple scented, 2½-in., $3.00 per 100. Alex. Maxwell, Springfield, Ohio.

Poitevine, Nutt, Perkins, Favorite, Grant, fine 2½-in., 2c. Roney Bros., West Grove, Pa.

Geranium Mme. Salleroi, out of 2½-in. pots, $2.00 100. Cash. Stephen Chase, Nashua, N. H.

Rose geraniums, extra strong, $1.50 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Geraniums. Nutt, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

Geranium rooted cuttings, Nutt, $1.00 per 100.
Jacob Doerrer, R. 1, Columbia, Pa.

GLADIOLI.

Gladiolus Alice Carey, the best white in cultivation, No. 1, $5.00 per 100; $40.00 per 1000. America, No. 1, $4.00 per 100; $30.00 per 1000. Price list free.
E. Y. Teas, Centerville, Ind.

Gladioli. Independence, the best red in the market; also Mrs. Frances King, Giant Pink, Augusta and Groff's hybrids, genuine stock. Write for prices.
Geo. S. Woodruff, Independence, Iowa.

Gladioli, new forcing Pink Beauty, May character, only Pink throws several flowering spikes, $2.50 100. Cash. 1000 rates withdrawn.
F. H. Stevens, Grower, Saginaw W. S., Mich.

Buy Independence gladiolus direct from home. We grew the stock that was introduced in 1908. Planting sizes cheap for cash.
G. D. Black & Co., Independence, Iowa.

Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli. Planting stock of Mrs. Francis King and other choice sorts. Cheap for cash.
P. O. Coblentz, New Madison, Ohio.

Gladioli, Groff's hybrids and fine mixtures, No. 1 bulbs, $4.00 per 1000.
C. W. Hoffman, R. 13, Dayton, O.

Get my special surplus offer of gladioli before buying. Barnes Gardens, Spencer, Ind.

Gladioli. Send for list.
W. E. Kirchhoff Co., Pembroke, N. Y.

HELIOTROPES.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark, 2-in., 1½c; R. C., ¾c. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotrope rooted cuttings, $1.00 per 100; 2¼-in., 2c. Extra good strong plants. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, dark variety. Rooted cuttings, $1.00 per 100; 2½-in., $2.00; 3½ in., $5.00.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotropes, all sold to March 1, 75c per 100, prepaid; light or dark.
G. E. Fink, Roselle, N. J.

Heliotropes, dark blue; rooted cuttings, 75c per 100; $6.00 per 1000.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

Heliotrope rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

Dark heliotrope rooted cuttings, 75c per 100.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, the true large flowering forcing variety, warranted true. 2¼-in. pots, $3.00 per 100; one year field-grown, strong, 12 to 18 in., $6.00 per 100; $55.00 per 1000. New trade list ready. Write for it today.
Good & Reese Co., Springfield, O.
The Largest Rose Growers in the World.

Hydrangea arborescens grandiflora alba. We have the largest stock of strong, 2-year plants in America. Plants, 2 to 3 ft., $2.50 per doz., $15.00 per 100, $140.00 per 1000; good plants, 15 to 20 inches, $10.00 per 100. Price list.
E. Y. Teas, Centerville, Ind.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering. 1-crown plants, 6c; 2-crown, 8c.
Baur Floral Co., Erie, Pa.

IRISES.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

IVIES.

Ivy R. C. English, $1.00; German, 50c 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

English ivy rooted cuttings, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Parlor ivy rooted cuttings, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

LILY OF THE VALLEY.

Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or references, please.
W. A. Finger, Hicksville, N. Y.

Lily of the valley, Bruns' celebrated Chicago Market brand, $15.00 1000; $1.75 100.
H. N. Bruns, 3040 Madison St., Chicago.

LOBELIAS.

Lobelia, blue, rooted cuttings, 90c per 100; $7.00 per 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Double lobelias, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, Ohio.

Lobelia, new double, 75c per 100 by mail.
S. W. Pike, St. Charles, Ill.

MOONVINES.

Moonvines, 2-in. pots, strong plants, $2.50 per 100. C. L. Brunson & Co., Paducah, Ky.

Moonvine rooted cuttings, $1.50 per 100.
Stuart & Haugh, Anderson, Ind.

NURSERY STOCK.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ORCHIDS.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

We have an extra good stock of Forsteriana, made up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values. 7-in. pots, 3 plants in a pot, 40 to 44 in. high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each. Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each. Full line of sizes of both Forsteriana and Belmoreana in price list No. 5, just out. Send for it if you did not receive it.
Storrs & Harrison Co., Painesville, Ohio.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

Palms, especially strong plants, ready for shifting. Kentia Belmoreana, 2½-in. pots, $9.00 per 100; $85.00 per 1000. Areca lutescens, 2½ in. pots, $7.00 per 100; $65.00 per 1000.
Jackson & Perkins Co., Newark, New York.

700 Latania borbonica, 4-in. pots, $20.00 per 100. Need the room and cash.
Chillicothe Floral Co., Chillicothe, O.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

PANSIES.

Pansies, fall transplanted, $1.25 per 100, $10.00 per 1000; fall sown, 50c per 100, $3.00 per 1000. Extra choice, said by growers to be the largest in the world, 30c per doz., $2.00 per 100. F. A. Baller, Bloomington, Ill.

25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
S. J. McMichael, 142 Larkins St., Findlay, O.

100,000 mixed best giant pansies, transplanted, $2.50, $3.50 per 1000. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Field-grown pansy plants, $3.00 per 1000; 2000 for $5.00.
J. H. Krone, Jr., Fort Smith, Ark.

Pansies, fine, strong, transplanted stock, $5.00 per 1000. Mosbæk Greenhouse Co., Onarga, Ill.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Loyal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. Cash with order.
F. H. DeWitt & Co., Wooster, O.

Pelargoniums, 3-in., strong, $5.00 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Pelargoniums, 2 varieties, 3-in., fine, 6c.
Hammerschmidt & Clark, Medina, Ohio.

PEONIES.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfeld, West Point, Neb.

Peonies, fine assortment. Write for prices.
F. A. Baller, Bloomington, Ill.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Double petunia rooted cuttings, $1.00 per 100, selected from Dreer's and other strains; named, $8.00 per 1000.
U. G. Harglerode, Shippensburg, Pa.

Dreer's double petunias, mixed, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Petunias, double, 10 sorts, R. C., 1c; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Giant double petunias, 2½-in., ready for 4-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

PHLOXES.

HARDY PHLOX.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100, $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

PRIMULAS.

Chinese primroses, 1400 4-in., large plants, full of bud and bloom; mixed colors, double and single, $7.50 per 100. Primula obconica, 3000 4-in., large plants, mixed colors, full of bloom, fine for Easter, $5.00 per 100. Try them.
Alonzo J. Bryan, Washington, New Jersey.

2500 Primula obconica grandiflora, 3-in., strong plants, full of bud and bloom, fine stock for Easter, $5.00 per 100. Liberal count for cash. Schaefer's Inc., Newburgh, N. Y.

Primula obconica grandiflora, Kermesina, rosea and alba, fine stock, in bud and bloom, 3½-in., $5.00 per 100; 4½-in., $8.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Primula obconica, 2½-in., $2.00 100. Chinensis, 3-in., $4.00; 4-in., $8.00; 5-in., $15.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Primula obconica, all colors, 3-in., $3.00 per 100, 200 for $5.00; 4-in., $5.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primulas. Chinese mixed, obconica, gigantea, rosea and alba, 4-in., 9c.
Hammerschmidt & Clark, Medina, O.

Primula obconica, in bud and bloom, out of 4-in., $6.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, O.

Primula obconica, mixed colors, 2-in., 2c; will make nice stock for Easter.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

Primula obconica, mixed, 2-in., 2c; 4-in., in bloom, 8c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

Chinese primulas, in bud and bloom, 4-in., 8c; 3-in., 5c. H. B. Snow, Camden, New York.

Primula obconica, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

Primula obconica, 10c each.
Mosbæk Greenhouse Co., Onarga, Ill.

PRIVET.

CALIFORNIA PRIVET.

500,000 3-yr. plants, with 12 to 20 branches; have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rates. Cash with order.
JOHN BENNETT, Atlantic Highlands, N. J.

CALIFORNIA PRIVET.

Strong, selected, 3 to 4 ft., $4.00 per 100, $35.00 per 1000; 2½ to 3½ ft., 6 or more branches, strong, $3.00 per 100, $25.00 per 1000; fine 1-yr., 18 to 24 inches, branched, $1.50 per 100, $10.00 per 1000; 12 to 18 inches, good, $1.25 per 100, $8.00 per 1000; 8 to 15 inches, light, $5.00 per 1000. AMOOR RIVER, 2 to 5 ft., well branched, $3.00 per 100. All packed free of charge.
CHAS. BLACK, HIGHTSTOWN, N. J.

California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.50 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000; 30 to 36 in., 6 to 10 bran., $22.50 1000. Amoor River, 12 to 18 in., well bran., $12.50 1000; 18 to 24 in., well bran., $15.00 1000; 24 to 30 in., heavy, $20.00 1000; 30 to 36 in., heavy, $25.00 1000. Packed. Cash with order.
Valdesian Nurseries, Bostic, N. C.

California privet, 50,000 20 to 30, 18 to 24 and 15 to 18 in. 5000 Ampelopsis Veitchii, strong field stock, 18 to 24 live tops. Write
Benj. Connell, Merchantville, N. J.

California privet, 1-yr., 12 to 18 in., branched, $10.00 per 1000; 2-yr., 2½ to 3 ft., 10 to 15 branches, extra heavy, $25.00 per 1000, packed.
Furrow & Co., Guthrie, Okla.

California privet, 12 to 18 inches, branched, $10.00 per 1000; larger sizes at low rates.
E. Y. Teas, Centerville, Ind.

RESURRECTION PLANTS.

Resurrection plants and cacti. Cheap. Ask for prices. William Tell, Austin, Tex.

RHODODENDRONS.

Rhododendrons, 18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Storrs & Harrison Co., Painesville, Ohio.

ROOTED CUTTINGS.

Rooted cuttings. Carnation Boston Market; Chrysanthemums Golden Glow, Estelle, Pacific Supreme, Enguehard, Desjouis; Geraniums Nutt, Ricard, Perkins, Buchner; hardy pinks; all $1.00 per 100, $10.00 per 1000. List.
Edward Wallis, Atco, N. J.

Rooted cuttings. Fuchsia, $1.00; Salvia Bonfire, 80c; heliotrope, dark, 75c; coleus, 60c; vinca, 85c; ageratum, 50c; alternantheras, red, yellow, 50c. All per 100. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Rooted cuttings, per 100: Cupheas, 75c; ageratums, 3 kinds, 60c; heliotropes, Feverfew Gem, $1.00. Cash. Byer Bros., Chambersburg Pa.

ROSES.

Grafted stock. Killarney, White Killarney, Rhea Reid, Mrs. Jardine, My Maryland, Bride, Maid, Chatenay, etc., $15.00 per 100, $125.00 per 1000.
Own root stock, 2½-in., of all the standard varieties, March delivery. Write for prices.
Chas. H. Totty, Madison, N. J.

We need the room, and offer 250 Kaiserin rose plants, 3 years old, on own roots, well rested plants from bench, at $12.00 100. Cash with order.
The Calvert Floral Co., Lake Forest, Ill.

Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100; $25.00 1000.
W. Frank & Sons, Portland, Ind.

ROSE PLANTS, 2¼-IN.

Bride	$2.25 100; $20.00 1000
Maid	2.25 100; 20.00 1000
Golden Gate	2.00 100; 20.00 1000

Andrew Peterson, Hoopeston, Ill.

2-year, hardy, field-grown roses, best sorts for spring blooming. Magna Charta, Crimson and Baby Rambler, Jacq., etc., 8c. List free.
W. H. Salter, Rochester, N. Y.

ROOTED ROSE CUTTINGS.

Selected, well rooted cuttings of Bride, Maid and Golden Gate, $1.50 per 100.
Gullett & Sons, Lincoln, Ill.

Roses, surplus stock, good and strong. Bride and Maid, 2-in., $2.00; 3-in., $3.00 per 100.
Dana R. Herron, Olean, N. Y.

Roses. Bride and Maid rooted cuttings, $1.25 per 100; $10.00 per 1000.
Baur Floral Co., Erie, Pa.

20,000 young rose plants, ready for first shift.
Geo. A. Kuhl, Pekin, Ill.

500,000 ready. See display adv.
Leedle Co., Expert Rose Growers, Springfield, O.

RUBBERS.

Rubbers, fine plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

Ficus elastica, 20 to 24 in., extra fine, $3.50 per doz. Wagner Park Conservatories, Sidney, O.

SALVIAS.

Salvia Zurich and Bonfire, 2¼-in., 2c; 3-in., 4c. Extra good strong stock. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Salvia Zurich, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, Ohio.

Salvias, good strong stock, 2¼-in., $2.50 per 100. Mosbæk Greenhouse Co., Onarga, Ill.

Salvia Bonfire R. C., 80c 100; $7.00 1000 Cash. J. P. Cannata, Mt. Freedom, N. J.

Salvia Zurich rooted cuttings, $1.00 per 100.
Stuart & Haugh, Anderson, Ind.

SEEDS.

FLORISTS' FLOWER SEEDS.

	Pkt., ab't 1000 seeds.	Oz.
ASTER—		
Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1.00
American Beauty	.25	2.00
Snowdrift	.25	1.50
PANSY—		
Currie's International Mixture, ⅛ oz., $1.25	.50	8.00
Giant Florists' Mixture, ⅛ oz., 60c.	.35	4.00
VERBENA—		
Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
STOCKS—		
Largest flowering dwarf double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
Cut and Come Again, white, mixed.	.25	2.50

Send for 1910 catalogue and trade price list.
CURRIE BROS. CO., MILWAUKEE, WIS.

Phoenix canariensis seed, $1.50 per 1000; Phoenix reclinata, $2.25 per 1000; Washingtonia robusta, 75c per 1000; Washingtonia filifera, $1.00 per 1000; Chamaerops excelsa, 75c per 1000. Smilax, 35c per oz., ⅛ lb., $2.00. Sterculia diversifolia, Australian bottle tree, 35c per oz.; ⅛ lb. $2.00. Schinus Molle, pepper tree, 50c lb. F. M. Warner, 1100 So. Flower St., Los Angeles, Cal.

Aster seed. Famous aster, Lady Roosevelt, gorgeous pink, late branching, stems from 20 to 40 inches, scientifically grown and separated seed, oz., $5.00; half oz., $3.00; trial packet, 50c. Aster seed in mixture, best colors, and ¼ Roosevelt, oz., $1.00. Glen Mawr Seed Farms, Kinzers, Lancaster Co., Pa.

ASPARAGUS PLUMOSUS NANUS SEED.
$4.00 1000; $3.50 1000 in lots of 10,000.
ASPARAGUS SPRENGERI SEED.
$1.00 per 1000.
S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

Seed packets and bags. Catalogue, clasps and commercial envelopes, printed or plain. "If it's a Spangler bag, it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

ASTER SEED.

Not wonderful, but fresh, reliable seed of all the finest florists' varieties. Send for list. Lady Roosevelt, $4.00 per oz.
R. E. Huntington, Painesville, Ohio.

Greenhouse grown Asparagus plumosus nanus seed, ready now. 1000 seeds, $4.00; 5000 seeds, $17.50; 10,000 seeds, $32.50; 25,000 seeds, $75.00.
Ullrich's Greenhouses, Tiffin, O.

Aster seed, an extra fine mixture, $4.00 per lb. For seedsmen and retail florists to present to their customers, there is nothing better.
Altimo Culture Co., Canfield, Ohio.

Aster seed. Semple's Branching, mixed, 25c per oz.; Hohenzollern, mixed, 75c per oz.; Royal Stripe, 25c tr. pkt. Cash.
C. A. Musser, Doylestown, Ohio.

New crop early flowering single chrysanthemum seed and Gold Medal pentstemons at 25c and $1.00 per package.
Chas. H. Totty, Madison, N. J.

ONION SEED, of my own growing; sample free. Strawberry plants, leading varieties. Prices right. Edwin L. Carle, Geneva, Ohio

Asparagus plumosus and smilax seeds. All from my own plants. C. H. Gardiner, 605 Orange Grove Ave., South Pasadena, Cal.

Seeds. Berberis Thunbergii, 75c lb.; Boston ivy, $1.00 lb.; Rosa rugosa, 75c lb.
F. M. Hadden, 145 Pond St., Providence, R. I.

Native tree, shrub and plant seeds collected to order. Send for list, now ready.
L. E. Williams, Lock Box 342, Exeter, N. H.

New crop Asparagus Sprengeri seed now ready, $4.00 per lb. T. B. Shepherd Co., Ventura, Cal.

Japan clover at $4.00 per bushel (25 lbs.). Cash. Lehmann's Seed Store, Baton Rouge, La.

SHAMROCKS.

Shamrock, nice seedlings, 50c per 100.
The Kaber Co., LaPorte, Ind.

SMILAX.

Smilax, strong, 1-yr., with nice tubers, 50c per 100; $4.00 per 1000.
F. A. Baller, Bloomington, Ill.

Smilax, strong 2½-in., cut back, $1.50 per 100; $3.00 per 1000. Cash.
Addems, Morgan & Co., Loda, Ill.

Smilax, 2-in., $1.25 per 100.
Loyd C. Bunch, Fredonia, Kan.

STEVIAS.

Well rooted stevia cuttings, $1.00 per 100. Cash.
E. T. Wanzer, Wheaton, Ill.

SWAINSONAS.

Swainsona alba rooted cuttings, $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

THYME.

Thymus citriodorus aureus, golden-leaved lemon-scented thyme, 80c doz., $4.00 100.
Wild Plant Improvement Gardens, Santa Ana, Cal.

TRITOMAS.

Tritoma Pfitzerii, red hot poker plant, $6.00 per 100; $50.00 per 1000.
Thomas J. Oberlin, Sinking Spring, Pa.

VEGETABLE PLANTS.

50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto, 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
Chas. Black, Hightstown, N. J.

Asparagus roots for winter forcing; large clumps, $1.00 per doz., $6.00 per 100, $50.00 per 1000.
Rhubarb roots for winter forcing; large clumps, $1.75 per doz., $10.00 per 100.
Johnson Seed Co., 217 Market St., Phila., Pa.

Grand Rapids lettuce plants, large, transplanted plants, $3.00 per 1000; 2000 for $5.00.
Tomato plants for forcing. Lorillard and Comet, $1.00 per 100.
Whitton & Sons, City & Green Sts, Utica, N. Y.

Lettuce plants, from seed bed, 50c per 1000; transplanted plants, $1.00 per 1000. Nice plants.
Thos. Case, Columbus, Kan.

Comet tomato seed for forcing, 50c oz.
H. M. Sanderson, 111 Lincoln St., Waltham, Mass.

Comet tomato plants, 2½-in., $2.00 100. Cash.
Stephen Chase, Nashua, N. H.

VERBENAS.

Mammoth verbenas, mixed colors; fine plants, from soil, 50c per 100; $4.00 per 1000.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

Lemon verbena rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

Verbena rooted cuttings, mixed, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

VINCAS.

Vinca rooted cuttings, 90c per 100, $7.50 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. The 2½-in. are divisions of field clumps, and are strong and vigorous plants. 3-in., $3.50 per 100, $30.00 per 1000; 4-in., $5.00 per 100, $45.00 per 1000. Cash, please. Also see advs. under asparagus and ferns.
Reeser & Youngstrand, Springfield, Ohio.

Vinca minor, the hardy vinca for cemetery planting and under trees where grass will not grow. Well rooted layers, $1.50 per 100; $10.00 per 1000. E. Y. Teas, Centerville, Ind.

Field-grown vincas, large plants, for 5 and 6-in. pots, $6.00 per 100. Nothing finer at any price. Cash, please.
Ragan Bros., R. F. D. 3, Springfield, O.

Vinca variegata, well rooted two-eye cuttings, 90c per 100; $8.00 per 1000, prepaid.
G. E. Fink, Roselle, N. J.

Vinca var., thrifty, strong 3-in., ready for 4-in., $3.50 100; $30.00 1000. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Vinca variegata rooted cuttings, 90c per 100; $8.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Vinca variegata, strong, Sept. field-rooted tips, $1.00 per 100; $10.00 per 1000.
W. J. Engle, R. R. 8, Dayton, O.

Vinca variegata, from 3-in. pots, ready now, $3.00 per 100. Cash.
C. F. Mahan, R. D. No. 8, Dayton, Ohio.

Vinca variegata rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

Vinca variegata, strong 2-in., ready for 3-in., $3 per 100. Williams & Clark, Muncie, Ind.

Vinca variegata, R. C., 90c; $8.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Vinca var., 2-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Vinca variegata, 2¼-in., 2½c each.
Mosbæk Greenhouse Co., Onarga, Ill.

VIOLETS.

Violets. Rooted plants of Lady Campbell and Princess of Wales, $1.00 per 100; $9.00 per 1000. Swanley White, $1.20 per 100; $10.00 per 1000. If by mail, add 7c per 100 for postage. A. B. Campbell, Cochranville, Pa.

Marie Louise violet blooms, A No. 1 quality, $1.00 per 100; $7.50 per 1000. Cash with order, please. Order early for Valentine day. A fine crop will be ready then. Prices as above.
C. Lawritzen, Box 261, Rhinebeck, N. Y.

Dorset, large, best bloomer. Field plants, 75c 100.
F. A. Haenselman, Boulder, Colo.

MISCELLANEOUS.

For sale cheap. Surplus of single tuberoses, Black Beauty cannas, Japan iris, hollyhocks, Van Houttei spiraeas, Gen. Jacq. and Dorothy Perkins roses; all field-grown, large plants. Feverfew and geranium cuttings, and 10,000 2¼-in. geraniums, in 10 standard varieties, but mixed. What can you use?
A. H. Dailey, Knoxville, Tenn.

Vinca var., two kinds ageratums, snapdragons, fuchsias. 2-in., $2.00 per 100; geraniums, scented, 2½-in., $2.50. Rooted cuttings, vincas, 90c; tradescantias, 60c per 100.
Kate Crans, Ira, Ohio.

TO EXCHANGE.

To Exchange—Asparagus plumosus, extra fine stock, out of 4-in. fern pots, $12.50 per 100, for unrooted cuttings of May Day or Pink Delight carnations, or S. A. Nutt geraniums. Quality is our hobby.
W. C. Hill Floral Co., Streator, Ill.

To Exchange—Ferns, all the newest varieties, sizes from 2 to 10-in., will exchange for rooted cuttings of salvias, geraniums, double petunias, coleus or anything I can use. First-class stock and low prices. S. J. Hider, Hillsboro, Ohio.

To Exchange—A No. 1 rooted cuttings of carnations, Beacon, Rose-pink Enchantress, White Perfection, Enchantress, Winsor, for geraniums and newer varieties of mums.
Warwick Greenhouses, Warwick Neck, R. I.

WANTED.

Wanted—To contract to grow all kinds of vegetable plants, transplanted or not: also geraniums, coleus, cannas, salvias, verbenas, pansies, etc., for spring delivery. A 1 stock only. Correspondence solicited.
Alonzo J. Bryan, Wholesale Florist.
Washington, New Jersey.

Wanted—To buy La France violet plants from a grower located in the vicinity of Chicago. Must be healthy. State price. Address No. 170, care Florists' Review, Chicago.

Wanted—4000 S. A. Nutt and Ivy geranium rooted cuttings, good stock; also dracaenas, 5-in. State price for cash or exchange for other stock.
Wm. Eschrich & Co., North Milwaukee, Wis.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

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Wild smilax always on hand. Headquarters for this green. Get my prices on large lots.
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CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt., by mail.
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Largest gold fish hatchery in the world.

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"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

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Paper pots. 5,000 3-in., $5.00; 4-in., $7.50. Shipped flat; low freight rates.
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We make Standard Flower Pots, etc.
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Sphagnum moss, best quality, 80c per bale; 10 bales, $7.00. Cash with order.
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Ten bales sphagnum, $7.00.
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Tin foil, 10 lbs., 10c per lb.; 100 lbs., $9.00.
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TOBACCO DUST and STEMS. Dust in bags, 100 lbs., $3.00; stems in bales, 350 to 400 lbs., $2.50. Cash with order. Money back if you say so. Samuel R. Levy, Binghamton, N. Y.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

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Wm. H. Woerner, Wire Worker of the West. Manufacturer of florists' designs only. Second to none. Illustrated catalogues.
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Illustrated book, 250 designs free.
C. C. Pollworth Mfg. Co., Milwaukee, Wis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

WHITE WORMS IN BENCH.

Kindly inform us what we can do to get rid of the small white worms that are appearing in the sand in our propagating bench. They work on the ends of the cuttings, and in the case of geraniums the cuttings gradually get black spots that when scraped appear to be rotten places. The sand is new, being used for the first time with this batch, and when put in it was remarkable how clean it was. Would applications of lime water do the work? F. P. F. C.

Provided you have no cuttings in the bench, you could kill the worms either by sterilizing with steam or pouring boiling water over the bed. If you can take out any cuttings which you may have in the sand, this would prove effective. If you do not want to go to the trouble of removing the cuttings, procure a can of carbon bisulphide and bore holes twelve inches apart each way, pouring in each half a teaspoonful and immediately covering the hole. If you go over the whole bench in this way, you can destroy all worms and larvæ. Before applying it, soak the sand well with water. The carbon being of an explosive nature, do not use any naked light near it. Its use will not injure any of the cuttings in the least. For plants in benches it can also be used in a similar manner with perfect safety. I am afraid the use of lime water, while it would destroy ordinary earthworms, would not clean out the variety which is troubling you. C. W.

ANTS IN GROUND BENCH.

I have a ground bench with brick sides. There are literally thousands of ants that live among the bricks, where it is impossible to get at them. They have spread all over the house and are doing much damage. We have used air-slaked lime and other remedies, but we cannot get rid of the ants. Can you tell us how we can exterminate them? R. M. M.

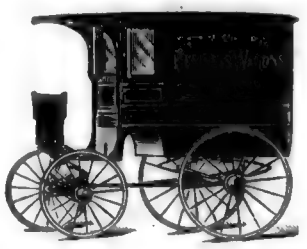
Secure some potassium cyanide and break it up fine. Handle with care, as it is a deadly poison. Mix this in powdered sugar and lay about the haunts of the ants. They will eat this greedily and thousands will be destroyed. Do not damp the mixture and be sure to keep birds and animals out of the house where it is being laid. You can lay baits of various kinds to attract the ants and then pour boiling water over them. We find the poison, however, the most effective. If a little carbon bisulphide is poured among the bricks here and there, the objectionable smell and fumes will drive away the ants. W. C.

NITRATE OF SODA FOR LILIES.

On page 25 of the Review for January 6 you recommend the use of nitrate of soda for Easter lilies that are a little behind. Will you please tell me how to use it? M. O.

A teaspoonful of nitrate of soda to a three-gallon can of water is sufficiently strong. Use it once in five or six days, but only on plants which have the pots well filled with active roots. It will do more harm than good to any which are poorly rooted. C.

Westbrook, Me.—Nathaniel W. Hannaford will close his flower shop in the west end of the town and will locate on Portland street, Portland.



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$2.00 per doz.; $20.00 per gross

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Samples sent on receipt of 16c to cover postage.

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HADLEY, MASS.

The Montgomery Co., the new corporation which has been referred to at different times in the Review, has been pushing the work of construction energetically all winter, in spite of the unfavorable weather, in order to be ready for the business of rose growing in the spring. The company purchased fifty acres of land in the eastern part of town, along which extends the state highway and the Amherst line of the Connecticut Valley street railway company. The first section of the greenhouse range will be erected by the King Construction Co. and will cover about an acre of ground. The company will grow roses for the wholesale markets of the larger cities, but will also supply whatever local demand there may be in the Connecticut valley.

Alexander Montgomery, president of the company, is a pioneer in the industry. He has made a life study of rose culture in all its forms, and is widely known as a skillful cultivator and an authority in all that pertains to the successful management of rose growing. He has built up the well-known Waban Rose Conservatories at Natick from a small beginning, until today they are among the largest and best equipped in the country. In everything that has to do with the science of rose culture he is a recognized leader. Robert J. Montgomery, secretary and treasurer of the company, was trained in the Massachusetts Institute of Technology for the profession of chemistry and has had extended experience. In business he has had valuable training through his association with a large manufacturing concern. A. W. Montgomery, general manager, is a graduate of the Massachusetts Agricultural College and has devoted much time to study of rose growing and observation of methods in various parts of the country. He has experimented considerably in the production of new and improved varieties by methods of forcing.

You Need This Paper if You Force Vegetables

The Weekly MARKET GROWERS JOURNAL is the ONLY paper published exclusively for market gardeners and truck farmers. It carries a special department devoted to the greenhouse forcing of vegetables and is the official organ of the Greenhouse Vegetable Growers' and Market Gardeners' Association of America. Recognized by Department of Agriculture and Experiment Station officials as authority on vegetable forcing.

What Eugene Davis Says

Eugene Davis, of Grand Rapids, Mich., originator of Grand Rapids Lettuce and Davis' Perfect Cucumber, writes:

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Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade

A. & C. Pearson, Lowdham, Nottingham, Eng.

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Wellesley, Mass.—Thomas Heskey, who has been foreman at the greenhouses of Tailby & Son for some time, has resigned his position and accepted another in Newton.

No order too large for us to give you prompt shipment

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1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50



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2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

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Greenhouse Heating.

PIPING IN WYOMING.

I am satisfied that I could build a greenhouse by following instructions I find in back numbers of the Review. I followed your instructions in the one I built, 16x100, and it is a success. Now I want to build one for bedding plants and carnations. It will be 23x100, with a three-quarter span to the south. It will be built against a sloping hill on the north side, and will be nicely protected. Will one flow pipe feed eleven 2-inch returns? Should I put the returns under the beds or on the side? Will eleven returns be enough? The flow will come from a different opening in the boiler than the one that feeds my vegetable house. Should I put the flow pipe underground or overhead? I use hot water heat. May I not have the highest point in the system at the boiler, using an overhead flow, the downhill system and one expansion tank for both houses? The boiler is between the houses. The required temperature is 53 to 55 degrees. The outside temperature sometimes falls to 25 degrees below zero.

What length should the rafters be on each side for a three-quarter span, and what would be the right pitch?

E. W. O.

While it would be possible to supply eleven 2-inch returns by means of one 3-inch flow pipe, it will be better to put in three 2½-inch flows, one of which can be upon each wall near the plate, and the other either under the purlin or two feet below the ridge. Under the severe conditions mentioned, it will be safer to use twelve 2-inch return pipes, instead of eleven, as suggested. If the sashbars on the south side are fifteen feet and those on the north side of the house are ten feet, it will give about the right pitch.

The best results can be obtained when the downhill system of piping is used, and one expansion tank will answer for both houses, provided it is connected at the highest point and the piping is such as to permit the air to escape from the system through the pipe which leads to the expansion tank.

WRONG SYSTEM OF RETURNS.

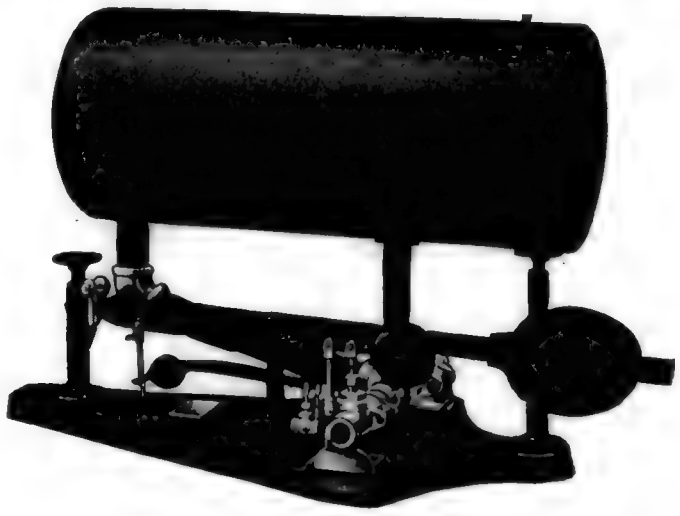
I am taking charge of a range of new houses in southwestern Pennsylvania, and we expect to add to the range in the spring. As the heating system, which was installed by a local plumber, is unsatisfactory, I should like to get your opinion. There are two houses, 23x100, running east and west, with a hot water boiler in a deep pit. A 4-inch pipe rises to the highest point, over the boiler, and from there extends to the far end, where it branches to two 3-inch returns, one under each side bench, running back to the boiler. There are six cast-iron wall radiators, 2½x11 feet, rising at intervals from this 3-inch return on each side. The return, being a continuous flow, gets hot, but it requires from three to four hours to heat up the radiators. The boiler is a 5-section Ideal, and the firebox is 3x3¼ feet. J. W. O.

The description given of the piping is not sufficiently definite to show just what the trouble is or to indicate the heating surface of the radiators. While it would not ordinarily be considered an ideal way to heat the houses, there is no reason why the water should not circulate in the radiators, provided the connecting pipes are properly put in and they are high enough above the boiler to provide for a free circulation. I infer that the radiators are but little above the level of the 3-inch return pipes, and if these returns have direct connection with the boiler it is not strange that the circulation in the radiators is slow. The correct way to arrange the piping would be to connect each of the radiators with the 3-inch main, using a 2-inch pipe if they furnish more than 150 square feet of radiating surface. There should be no direct connection of these main returns with the boiler, but there should be another return pipe on each side of the house to connect

We told you so!

F. Dorner & Sons Co., of Lafayette, Ind., winners of the Carnation Gold Medal at the Pittsburg Convention last month, are users of——————

Morehead



Steam Traps

IN the Carnation Number of the Florists' Review we stated that "back of every prize-winning carnation you will find prize-winning conditions--you will find a Morehead Steam Trap."

The "Morehead" is without any question of doubt the simplest, most durable and reliable steam trap ever made.

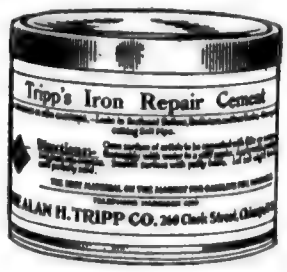
Be alive to this opportunity of saving fuel and growing better stock by joining the army of 16,000 users of Morehead Steam Traps.

You want a copy of the "Florists' Trap Book." A postal will bring it. Ask about our trial proposition.

Morehead Mfg. Co.

Dept. "M" Detroit, Mich.

FOR $1.00



We will send you by express, all charges prepaid, a one pound can of

Tripp's Pipe Joint Compound

Ground in Boiled Linseed Oil, ready to use, and a one pound package of

Tripp's Iron Repair Cement

The Alan H. Tripp Co.

260 S. Clark Street, CHICAGO

Mention The Review when you write.

the radiators with the boiler, thus forcing the water to return through the radiators. The connections with the radiators and the return pipes should be of the same size as those which take the water to the radiators. Although the desired temperature is not given, it is probable that for an average of 60 degrees it will not be necessary to have more than 1,000 square feet of radiation in the house, or perhaps not more than 700 feet in the radiators in addition to what is provided by the flow and return pipes.

CAPACITY OF BOILER.

I have a return tubular boiler, twelve feet long and three feet four inches high. It contains thirty-eight 3-inch tubes. I have eight houses, with the following piping: Seventy-five feet of 5-inch pipe, 600 feet of 2-inch, 2,600 feet of 1¼-inch and 2,500 feet of 1-inch. I should like to add another house, with 2,000 feet of 1¼-inch pipe.

Would my present boiler carry that amount of extra piping? My chimney is thirty-four feet high and twenty-two inches in diameter, inside measurement. I intend to add ten feet to its height. There is a fine draft and I have no trouble in carrying fifteen pounds of steam. I am located in Pennsylvania. E. W.

While it would be like groping in the dark to give a definite answer to this question without knowing something about the size of the houses and the temperature desired, it is probable that if there is no trouble in heating the present houses with the amount of piping mentioned, the boiler will have sufficient capacity to supply an additional 2,000 feet of 1¼-inch pipe. This is based on the assumption that the boiler has a rating of approximately forty horse-power and that it will supply about 4,000 square feet of radiation, so that there would be quite a satisfactory margin of performance above what will be required for the amount of radiation proposed.

A TRACTION ENGINE BOILER.

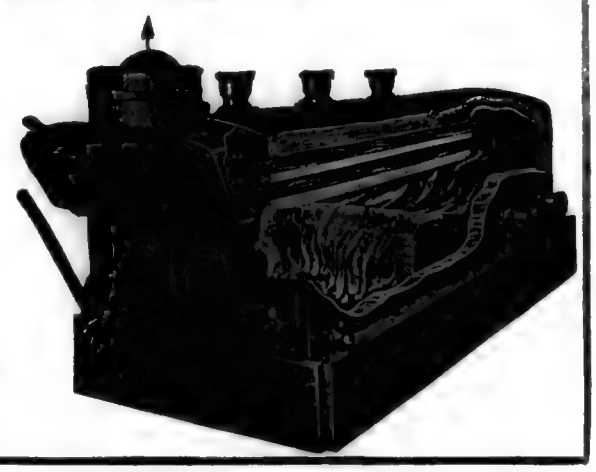
I am building a greenhouse, 20x100 feet and nine feet to the ridge, with walls of solid cement, three feet high. The west gable end is glass. The boiler house is at the northeast corner. Can I use a sixteen horse-power boiler, formerly used as a threshing machine boiler, to heat the house with hot water? If so, how large an opening will it need for the flow pipe and how many openings for the return pipes? How many flow pipes and how many returns will be needed in the house? I should like to use 2-inch pipe. I want a temperature of 60 degrees. The outside temperature in this part of Kansas is sometimes 15 degrees below zero. How deep a boiler pit will be needed? J. S.

While a traction engine boiler does not make a first-class hot water heater, it can be used for the purpose and will give satisfactory results for a house of the size mentioned if a 3-inch outlet and inlet can be provided. Instead of using 3-inch mains, however, it will be better to put in two 2½-inch flow pipes upon the plates and use eleven or twelve 2-inch returns. In case it is preferred to use 2-inch pipe for the flows, four will be required. If possible, the boiler should

THE KROESCHELL BOILER NOT CAST IRON

HAS

WATER FRONT SIDES TOP BACK



New Catalogue and prices on application.

Kroeschell Bros. Co.

444 Erie St., Chicago

"DETROIT" RETURN TRAPS in the Steam-Heated Greenhouse BETTER THAN A REBATE IN THE COAL BILL.

AMERICAN BLOWER CO. (MANUFACTURERS) DETROIT, MICH.



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WILKS Hot Water Boilers

— Are —

The Most Economical Boiler for Greenhouses :: ::

No night fireman required with our Self-feeding Hot Water Boilers.

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S. WILKS MFG. CO.

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High-Grade Boilers

Get Our Catalogue For GREENHOUSES STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

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BUY THE Taylor Automatic RETURN TRAP



AND SAVE MONEY

Write for our Guarantee and Best Prices

TAYLOR STEAM TRAP CO.

BATTLE CREEK, MICH., U. S. A.

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Steel Return Tubular Boilers

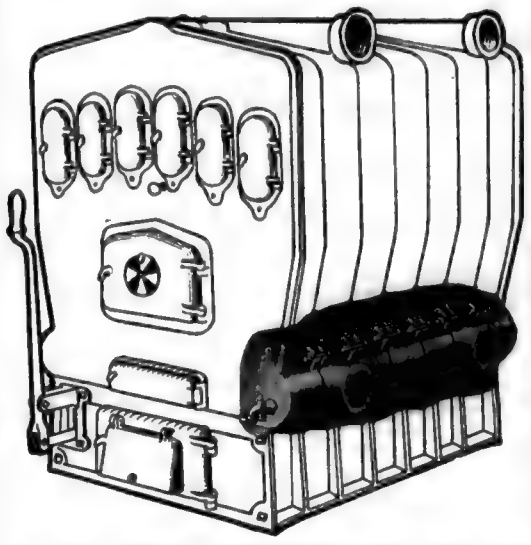
The most economical type of boiler for Greenhouse heating. Highly recommended by well-known florists.

JOHNSTON HEATING CO.

138 E. 31st St., NEW YORK

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The Burnham



Each section has separate short tie bolts, which saves much time and labor in setting up the boiler.

Send for Catalogue.

Lord and Burnham Co.

IRVINGTON, N. Y.

New York — Boston
Philadelphia — Chicago

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be sunk so that the top will be two feet below the lower end of the returns, and even more than this would be helpful.

HUDSON, MASS.

The Middlesex Coöperative Garden Co. has been incorporated, to operate in this vicinity. The capital stock is $25,000, in 250 shares of $100 each.

The officers are: Benjamin Derby, postmaster at Concord Junction, president; Albert W. Haynes, a prominent Maynard business man, vice-president; Howard A. Wilson, a Maynard and Boston lawyer, treasurer; H. Harding Hale, of this town, clerk. These officers, with Frank P. Marston, form the board of directors.

An advisory board consists of Charles W. Prescott, a well known Concord agriculturist; Representative Albert Batley, of Maynard, florist, and John R. Comley, a prominent Bedford gardener.

Prof. Alvah W. Morse, Rolla S. Lamson and others are also interested. The company has been organized to develop land in this section for market gardening, it being the intention to utilize land for the production of crops to which it is peculiarly adapted. An option on ninety-six acres of land a short distance from this town has been secured, and it is proposed to use thirty-eight acres for asparagus, for which the soil is especially suited. The remainder of the tract will be planted according to what can best be grown upon it.

ISLIP, L. I.—The greenhouse on the estate of Schuyler L. Parsons, in St. Mark's lane, was recently destroyed by fire, with a loss of about $1,000.

EAST LYNN, MASS.—Kimball Bros. are conducting a flower store at 49 Springvale avenue, near Pine Grove cemetery and about two miles from the center of the city. They are also contemplating the erection of a greenhouse. The location is considered a particularly good one for cemetery trade, as about sixty per cent of the visitors to the cemetery pass by the store.

KEEP TAB ON THE Night Temperature



Many a grower has found an immediate improvement in the quality of his stock when he put in our

IMPROVED

Recording THERMOMETER

It tells in the morning just how the temperature in the houses has varied during the night.

Illinois State Florists' Association.

Edwardsville Ill., Oct. 28, 1909.
The Recording Thermometer is working o. k. I would not part with it for twice the cost. Send me $1.00 worth of charts for the same.
J. F. Ammann.

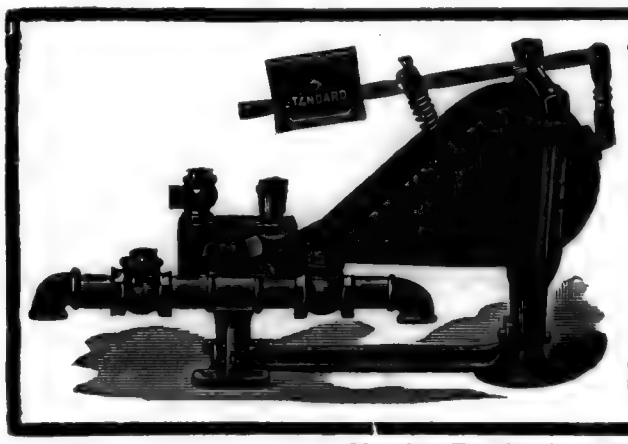
Send for Prices.

Standard Thermometer Co.

(Successors to PARKER MFG. CO.)

65 Shirley Street, BOSTON, MASS

No. 800. Mention The Review when you write.



The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

E. HIPPARD, Youngstown, Ohio

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Pipe Fittings -- Imico Boilers

FOR GREENHOUSE WORK

ILLINOIS MALLEABLE IRON CO.

1801-1825 DIVERSEY BOULEVARD — CHICAGO

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Leaks Ruin Stock

Don't Have Them

Our Emergency Pipe Clamps

are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.



Send for catalogue.

Pipe Repairs and Steam Specialties

JAMES McCREA & CO.

Manufacturers

558-560 Washington Blvd. CHICAGO

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THE SUPERIOR

GREENHOUSE BOILER

Has no Superior,
Largest Heating Surface,
Most Perfect Combustion,
Best Circulation Insured.

Write for catalogue and post yourself—you'll order no other boiler if you are looking for the best.

We carry a large stock of all kinds of

GRATE BARS

both rocking and stationary

Fire Tools, Smoke Stacks, Boiler Castings, Flue Cleaners, Etc.

Send for catalogue and prices.

Superior Machine and Boiler Works

840-850 West Superior St., CHICAGO

L. D. Phone, Monroe 1008.

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ELECTRIC HOSE & RUBBER CO., WILMINGTON, DELAWARE, U. S. A.

...Rubber Hose Specialists...

Look for this Brand.

The only manufacturers devoting their entire time and attention to the manufacture of Rubber Hose.



Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

MANUFACTURERS OF ELECTRIC GARDEN HOSE

Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Write for prices.

Mention The Review when you write.

FALL RIVER, MASS.

The G. L. Freeman Co. has been incorporated here, with the object of importing, developing and selling orchids. George L. Freeman, formerly of Wellfleet, and who recently came to this city, is president, and William E. Braley is treasurer. The capital stock is $30,000.

Mr. Freeman is a leading authority on orchids. Certainly he has had extensive experience in procuring and bringing into this country varied specimens of this plant. He has made a study of orchids for years, following up an interest as an amateur by creating for himself a distinct business in seeking out, bringing to this country these plants and developing them for sale. The bulbs from which were grown many of the rarest and most valuable orchids now to be found in this country were brought in and introduced to public notice by him. His field for search has been South America. He has spent months at a time on his trips, penetrating to the wildest and least known sections of the lower part of the American continent. His experiences and adventures make highly interesting narratives.

The Freeman company has not been located here with any idea of depending upon the Fall River market for orchids. The bulbs will be collected by Mr. Freeman and his agents and the plants sent out to all parts of the country. In securing new and rare specimens Mr. Freeman often depends upon Indians native to the country into which he penetrates. These people are among his most valued assistants.

Wickford, R. I.—The greenhouse property on Hamilton avenue, owned by E. W. Edwards, Edwin Jenkins and G. H. Milton, was recently offered for sale under foreclosure and was bought in by Samuel W. K. Allen, attorney for the mortgagee.

"REVERO"

THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

Ask Your Supply Man for Revero

REVERE RUBBER COMPANY, Boston, Mass.

NEW YORK PHILADELPHIA PITTSBURG CHICAGO
MINNEAPOLIS NEW ORLEANS SAN FRANCISCO PORTLAND, ORE.

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NOXALL FLORISTS' HOSE



Furnished in any length up to 500 feet, without seam, joint or connection, ½ and ¾-in. sizes. An exceptionally high grade greenhouse hose, manufactured with a double woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover. The double woven jacket construction makes a stronger hose than can be obtained from cotton duck and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking. Noxall Hose is guaranteed to stand a pressure of 500 lbs. per square inch, although its bursting pressure is far in excess of this. Noxall Hose is made by the latest and most improved methods and its construction is the most important improvement made in the manufacture of rubber hose since Goodyear discovered the process of vulcanizing rubber 75 years ago. No hose made will give equal service for greenhouse use.

SPECIAL NET PRICES:—¾-in., at 17c per ft. in less than 500 ft. lots; 16c per ft. in reel lots of 500 ft. ½-in., at 15½c in less than reel lots; 14½c in reel lots of 500 ft.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO

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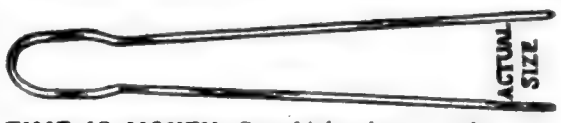
FOR WATER SUPPLY

A Standard Pumping Engine is more reliable than windmills and will furnish a much higher pressure. Catalogue on request—will tell you more.

The Standard Pump & Engine Co., Cleveland, Ohio.



Awarded diploma and medal, 1907, for the celebrated **Shower Maker, $1.00**
Dealers and jobbers, ask for sample, price and electros for catalogs.
Joseph Kopcsay, South Bend, Ind



TIME IS MONEY Save ⅓ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 15c per lb. Write for prices on larger quantities.
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Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.75; 50,000....$7.50; Sample free

For Sale by Dealers

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A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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91-93 CHAMBERS ST. NEW YORK

PHILADELPHIA, PA. PITTSBURGH, PA.
CHICAGO, ILL. PORTLAND, ORE. BOSTON, MASS.
ST. LOUIS, MO. SPOKANE, WASH. BUFFALO, N.Y.
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PILLSBURY'S CARNATION STAPLE

The best, cheapest, quickest, simplest and easiest way to fix your split carnations. No tools required.

"Just the thing we have been looking for."
Ten Eyck & Son.

"The best thing out, have thrown all other Carnation menders away." S. W. Carey.



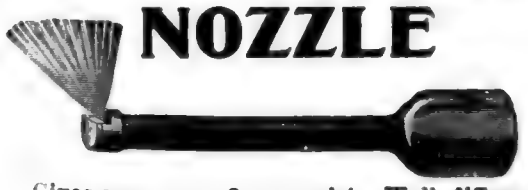
"They are the best on the market."
John Schweichler, Florist.

2000 for $1.00, postpaid.
Sample Free

I. L. PILLSBURY, Florist, GALESBURG, ILL.

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STOTT SPRAY NOZZLE



Gives a spray as fine as mist. Well diffused for insecticide purposes; it sprays under the leaves as well as over. Very economical of fluid. It cannot choke or get out of order.

Price, $1.00 each;
By mail, $1.10 each.

Stumpp & Walter Co.
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Florists' Review
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...THE NEW...

Chicago Sprayer

This Sprayer is made of aluminum and with two brass plates, one being fine and the other coarse. They can be easily removed, quickly cleaned and this sprayer will never wear out.

E. H. HUNT, Chicago, Ill.
Dear Sir:—We just want to say that your new "Chicago Sprayer" is the finest thing in that line that has ever come to our notice.
BAUR & SMITH, Indianapolis, Ind.

E. H. HUNT, Chicago, Ill.
Dear Sir:—The "Chicago Sprayer" works admirably on small plants like pansies, and equally well for spraying roses. It has my approval.
W. A. HARSHBARGER.

Sprayer face 4½ inches wide, nozzle 6½ inches long, ¾-inch pipe connection, $2.50 each.

E. H. HUNT, Established 1878
76-78 Wabash Avenue, CHICAGO

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THE MASTIN AUTOMATIC WHITEWASH AND SPRAYING MACHINE IS RELIABLE, PRACTICAL AND DURABLE

The tank is made of galvanized sheet steel, and in brass.
The pump is of brass throughout, simple and powerful.
The mixing device keeps the contents of the tank well stirred up from start to finish.
When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.
All parts are made to gauge and may be had for repairs.
Ask your dealer about our **Extension Hose, Extension Rods,** and the **Mastin Whitewash Nozzle** for Bordeaux mixture.



Sold through seedsmen, dealers in florists' and poultry supplies.

J. G. MASTIN & CO., 3124 West Lake St. CHICAGO, ILL.

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Is the STRONGEST, BEST PACKED, EASIEST APPLIED

24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
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Furnishes the Most Nicotine for the Money!

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Over 40 % Nicotine

By far the CHEAPEST.

Just Note Prices!
Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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INDIANAPOLIS.

The Market.

Business for January has been satisfactory; in some instances it has been much better than last year. Funeral work has been the best asset, while numerous social gatherings did their part. January has been an exceedingly cloudy month, there being not more than four or five days of sunshine, which caused a shortage in the rose and carnation supply. Bulbous stock is becoming more plentiful and is moving fairly well. Yellow jonquils have had heavy demand this year. Lilacs, orchids and valley are enough to go around.

Various Notes.

A wind storm last week took the roof off the potting shed of the Pahud Floral Co. It also blew down E. A. Nelson's smokestack.

A. F. J. Baur and John Bertermann have returned from the carnation convention.

While rabbit hunting recently, Chas. Knopf, of Richmond, froze both feet. He suffered considerable pain and experienced quite a little difficulty in walking for some time.

Indianapolis is to have a floral auto parade in connection with the auto show in March.

Ed Bertermann is spending a week at French Lick.

E. A. Nelson is a pigeon fancier and has gone into the business on an extensive scale. He expects to have 1,000 pairs of young pigeons by next spring.

Albert Pettit says the cloudy weather has played havoc with his sweet peas. The buds would dry up and fall off before they would have time to develop.

Ed Rankin has purchased John Rieman's wagon.

There is some talk of a commission house for Indianapolis. H. L. W.

Kill Bugs In Ground

APTERITE will do this—it's cheap—easy to use—kills Aphids, Maggots, Cutworms, Wire worms, etc. Write for our 32-page Bookle "D"—contains numerous letters from American users—it's free. A post card brings it.

William Cooper & Nephews
64 W. Illinois Street Chicago

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THE GRANITE STATE MOWING MACHINE CO.

HINSDALE, N. H., U. S. A.

Manufacturers of Granite State Lawn and Field Mowers, Capitol Trimmers and Specialties for Garden and Cemetery use.

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To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine FOR SPRAYING

FUMIGATING PAPER FOR BURNING

Fumigating Powder FOR SLOW BURNING

DUSTING POWDER FOR VEGETABLE GROWERS

You will have no trouble with insect pests if you use these products as directed. Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT
76-78 Wabash Ave. CHICAGO.

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Cane Stakes

For Your Lilies

6 to 8 ft., $7.00 per 1000

WM. ELLIOTT & SONS
42 Vesey St.,
NEW YORK, N. Y.

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KILL SAN JOSE SCALE

You need not lose your fruit crop this season. Spray your vines and plants early with a strong solution of

GOOD'S Caustic Potash Whale Oil SOAP No. 3

It will positively destroy scale, apple scab, aphis, lice, bugs, worms, white fly and all other insects and parasites which infest your trees, plants and shrubs. It contains no poisonous or injurious ingredients; no salt, sulphur nor mineral oils. It fertilizes the soil, and quickens growth. Endorsed by the

U. S. Department of Agriculture.

50 lbs., $2.50; 100 lbs., $4.50; larger quantities proportionately less.

Write for free booklet, "A Manual of Plant Diseases."

JAMES GOOD, Original Maker, 865 N. Front St., Philadelphia

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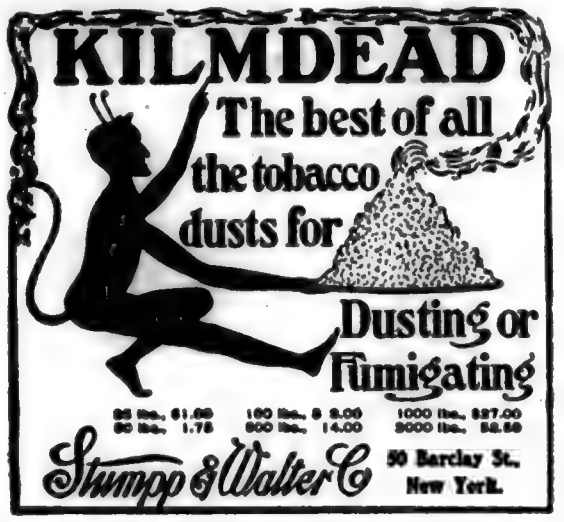
Peerless Sulphur Blower

"A great improvement over the bellows."

Price, $4.00 F. O. B. Chicago

McMORRAN & CO. 162-166 N. Clinton St. CHICAGO, ILL.

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Green Flies and Black ones too

are easy to kill with

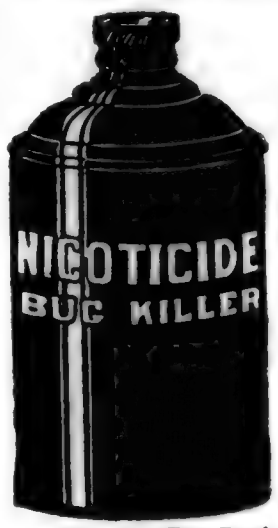
The Fumigating Kind Tobacco Powder

$3.00 per bag 100 lbs.

Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

THE H. A. STOOTHOFF CO.,
MOUNT VERNON NEW YORK.

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THE BEST Bug Killer and Bloom Saver

Drop us a line and We will prove it

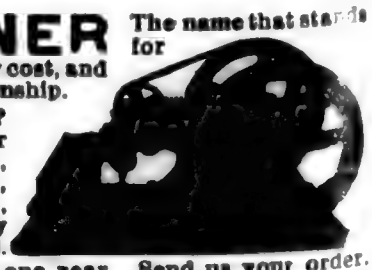
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Owensboro, Ky.

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STEINER The name that stands for big power at low cost, and perfect workmanship.



How is this? A 2½-H. P. air cooled engine, set on skids, wired and piped, complete, ready to run for $81.50. Guaranteed for one year. Send us your order.

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"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12 50
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.
New York Office: 20 E. 42nd Street

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3 00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x36	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	3.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO

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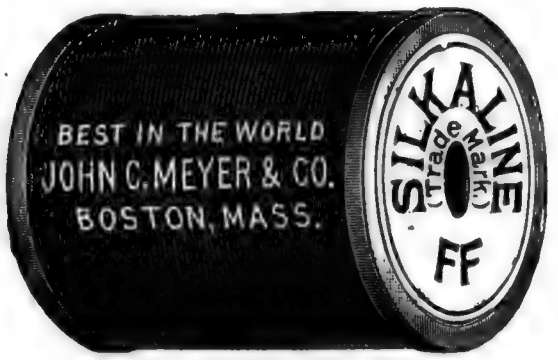
THE HOME OF
HIGH-GRADE, WATERPROOF
Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.**
Samples and prices sent on application.

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16-22 S. Peoria Street, CHICAGO, ILL.

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Meyer Green Silkaline



For sale by all responsible houses throughout the country. Be sure that each spool is marked

Meyer Green Silkaline

and take no other Price, $1.25 per lb., 8 spools to the lb. 16 oz. actual weight of thread.

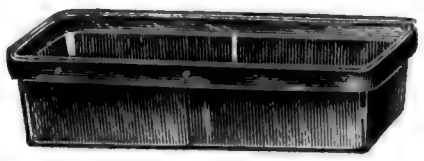
Meyer Violet Thread, for bunching violets, $1.25 per doz. spools, of 500 yards each.

Manufactured by

JOHN C. MEYER & CO.
1445 Middlesex St., LOWELL, MASS.

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Pansy and Verbena Baskets



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000 ..... $ 9.00
Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000 ..... 15.00
Detachable wire handles for either of the above, per 1000 ..... 2.00

Have ten other sizes. Send for descriptive circular.

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Concrete Steel Benches

After three years' experimenting and putting to actual test, we are prepared to book your orders for our Steel Forms, by which means you can erect the neatest, most durable bench known to the grower today. Many perfectly pleased and satisfied customers on our books.

We invite correspondence.

Wilson-Hoyt Co., 1 Madison Avenue, New York

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Illinois Self-Watering Flower Boxes



Pat. Jan. 29, 1907; June 22, 1909.

Not an experiment, but a tried and proven success. Reservoir in bottom supplies sufficient moisture to last 10 to 20 days. This is sub-irrigation perfectly applied.

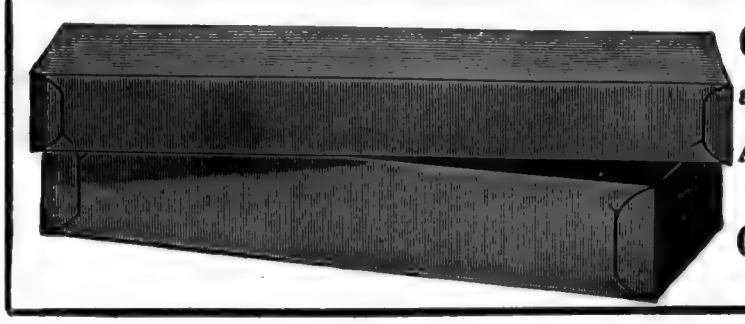
Indorsed by prominent florists everywhere. Your customers will not complain of the plants you sell them if set in these boxes.

37 styles and sizes in stock. Specials made to order for any purpose. Write today for illustrated catalogue and price list.

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THE CONARD & JONES CO., WEST GROVE, PA., Distributors for N. Y., N. J. and Pa.

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Cut Flower and Design Boxes

All sizes, lowest prices

Write

C. C. POLLWORTH CO.
MILWAUKEE

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DETROIT.

The Market.

January, 1910, appears to have been a good month with nearly everyone. The one trouble we all experienced was getting stock, roses especially. There has been much call for funeral work, and when you have to pay 5 cents and 6 cents for roses and cut them short for trimming a pillow or other design, it puts a big dent in the profit on that piece. It has been impossible to get good Beauties in our city for some time. The stems are usually weak and the flowers crippled; in fact, one of our leading retail men had to resort to stiffening the stems with wire.

The steadily increasing quantity of bulbous flowers is somewhat relieving the cut flower situation. Carnations are again more plentiful and the quality good. Smilax is quite scarce here lately.

Various Notes.

Chas. Plumb is cutting some fine Killarney and Richmond, as is evidenced by the stock seen at the Michigan Cut Flower Exchange.

A Northern touring car has been added to Robert Watson's line of equipages. Mr. Watson is also talking auto delivery, and no doubt will soon be building a private garage.

Robert Klagge is building up a reputation as a valley grower. His valley is first-class, long stem, nice foliage and well grown.

Breitmeyers are showing some pretty table decorations in their window from time to time, which attract many who would otherwise pass by without stopping. H. S.

Lake Geneva, Wis.—At the meeting of the Foremen's and Gardeners' Association of Lake Geneva, January 15, a handsome silver cup, beautifully engraved, was presented to James Livingston, head gardener for Mr. Potter. The cup was offered by Arthur T. Boddington for the best twelve varieties of sweet peas. It must be won three times in order to become the property of the winner.

DO YOUR PLANTS AND FLOWERS EAT ENOUGH?
DO YOU GET A TOP PRICE MARKET?



Grain fed sheep manure is Nature's fertilizer, possessing in excess those elements necessary for hardy plant life in readily available form. The large percentage of humus also makes available dormant elements in the soil.

By special process the raw material from covered pens only is dried, ground, weed seeds destroyed and packed in 100 lb. bags.

Sheep's Head brand trade-mark guarantees it to be unadulterated, reliable, safe, quick acting and a perfect plant food for plants of all kinds.

Send postal for our interesting booklet describing supply, making and applying; also prices.

WRITE TODAY.

Natural Guano Company, 300 Montgomery Ave. AURORA, ILL.

Fertilized Flower Pots



For Growing and Shipping Plants

Made of Extra Heavy Manila Waterproof Cardboard, Fertilized, Wire-stitched Seams, Perfect Drainage and Shipped Flat

If you grow Tomatoes or Pot Plants you cannot afford to pass over this.

These square pots economize space, give more room to the roots than the tapering round pots. In setting out plants the pots are not removed. Simply unlock the bottom flaps and turn them up (see cut), allowing the roots to grow down.

Size	Gross Weight per 1000	250	1000
2¼-inch	about 30 lbs	$1.00	$3.00
3 -inch	about 40 lbs	1.50	4.50
3½-inch	about 50 lbs	1.75	5.50

In setting out plants unlock the bottom, pull pot up one inch, and you have a wall to protect the roots against grubs and worms.

STUMPP & WALTER CO.
50 Barclay St., New York

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WIZARD BRAND MANURES

Dried, screened and packed in bags of 100 lbs. each.

PULVERIZED SHEEP MANURE
PURE - UNIFORM - RELIABLE

A strong and quick acting manure, highly recommended for carnations and chrysanthemums.

SHREDDED CATTLE MANURE
Easy to Handle and Apply

Stronger and better in every way than rough manure. Lasts much longer on the benches. Unequaled for mulching and feeding roses, liquid manuring and mixing with bench and potting soil. Used by all the largest growers.

Ask your supply man or write us for circulars and prices.

...THE...
Pulverized Manure Co.
33 Union Stock Yards
CHICAGO

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Florists' Refrigerators

Write us for catalogue and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.

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GET OUR PRICES ON
Galvanized Wire Rose Stakes and Tying Wire
IGOE BROTHERS
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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Evans' Improved Challenge Ventilating Apparatus.
Write for Illustrated Catalogue.
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Ventilating Machinery
The original machine with self oiling cups. The most powerful least complicated, very compact with ease of operation.

The New Duplex Gutter
Over six miles in use and highly recommended by all. The only DRIP PROOF gutter on the market.

The Standard Return Steam Trap
It has no equal for simplicity of its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio

Always mention the Florists' Review when writing advertisers.

Insure Yourself Maximum Crops of Excellent Quality by Feeding and Nourishing your Plants with

Evergreen Brand Fertilizer

Specially manufactured for growing Flowers, Ferns, Palms, Etc.

Its recommendation is based upon careful, extended and disinterested experiments, showing that this material is a nourishing, easily-available food for crops.

It consists of about half animal matter and half minerals, treated and refined; thus it is free from all deleterious substances and will not burn or injure the most delicate plant root, unless an extraordinary amount is applied at one time.

It is immediately available, and its effect upon most crops may be noticed within six days after its application.

It prevents the onslaughts of plant diseases or insect pests.

It will greatly benefit all greenhouse crops, notwithstanding the richness of the prepared soil, since it furnishes all the plant food elements in available forms and sufficient quantities to meet the needs of the plants.

It should receive careful attention, because its right use permits not only an economical utilization by the plant, but a control of its growth; it may be used in such a way as to change the natural tendency and thus improve it for specific uses; thus, in addition to the increase in yield which it produces, it enhances its market value.

Its uniform action seems to be to stimulate the capacity of the plant for absorbing water and developing foliage and stem growth, and to bring out numbers of new shoots, hence with roses and other flowering plants the best results are secured when this fertilizer is applied during the early growing period, as the energies of the plant are immediately concentrated upon developing its growth.

Can be used at any time during the growing season, dry or in solution.

Put up in 12-pound cans. Price, $2.00 each.

For sale by Leading Jobbers.

D. D. Johnson Company

Manufacturers

66 Wabash Ave., CHICAGO

CINCINNATI.

The Market.

Business last week was good, although the weather has been typically wintry. Considerable activity in all lines of cut flowers was felt and all available material was used up daily.

Roses in all grades have been scarce and, from the present outlook, there will not be an oversupply in the next few weeks, as most of the growers here are off crop.

Carnations, except a little scarcity in white, have been about enough to meet demand and commanded better prices, the best selling at $4 per hundred. Callas and Harrisii move readily at $1.25 to $1.50 per dozen. Lily of the valley were in brisk demand and top grade stock sold at $4 per hundred. Violets are steady and not overabundant; singles have the call and prices ranged from 50 cents to 75 cents. Narcissi, Roman hyacinths, daffodils, etc., have been taken more freely, owing to the shortage of other flowers, with $3 per hundred as the ruling price. All miscellaneous stock is getting a chance to move off more rapidly than usual. Asparagus, smilax and all other greens seem to have had a big demand.

Various Notes.

Several of the boys came back from Pittsburg and they speak in the highest terms of what they saw at the convention and of the treatment they received at the hands of the Pittsburg florists.

Will Sunderbruch has started to overhaul and remodel his newly purchased place at Lockland, O., formerly owned by Mr. Partridge. A force of men will get the place in shape for operation within a month.

H. Schwarz.

The Review sends Scott's Florists' Manual postpaid for $5.



HYACINTH STAKES

Just the thing for tying up Hyacinths, Tulips, Fuchsias, and all pot plants

	1000
Plain 12 in.,	$1.10
Plain 18 in.,	1.25
Green 12 in.,	1.50
Green 18 in.,	1.75

Stumpp & Walter Co.
50 Barclay Street, NEW YORK

Iron Reservoir Vases



AND
Lawn Settees,
Manufactured by
McDONALD BROS.,
COLUMBUS, O.
The largest manufacturers of these goods in America. Send for catalogue

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1361-1365 Flushing Ave., Brooklyn, N. Y.
Manufacturers and Jobbers in
Greenhouse Construction Material

Take Notice We furnish working plans with each order free. We make no charge for any information you may require while erecting your house.
Particular people will find our material, workmanship and prompt deliveries come up to their entire satisfaction.

Most complete Factory of its kind in the United States.

Established 38 Years.

Absolute Reliability.

Personal Attention Given to Every Order.



ONE OF OUR NEW ADDITIONS.

Let us quote you
LOUISIANA RED CYPRESS,
BOILERS,
PIPE,
FITTINGS,
VENTILATING APPARATUS,
GLASS,
We carry 20,000 boxes in stock.
PUTTY.

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These are the houses, 150 x 30, 7-foot sides.

What a Successful Grower Thinks of Hitchings Houses

Mr. George Schuneman, Baldwin, L. I. says: "Without an unusually light house, perfectly heated and ventilated, it would be impossible to get such results, as you can take **absolutely no chances** on sweet peas—a variation of a few degrees in heat would ruin the stock. I have never seen a house to compare with these (Hitchings) houses."

That is going pretty strong for Hitchings houses and Hitchings heating, but Mr. Schuneman ought to know—he has had other kinds of houses.

Hitchings & Company
Designing and Sales Offices: 1170 Broadway, New York
General Offices and Factory: Elizabeth, N. J.

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Manufacturers LOUISIANA CYPRESS LUMBER Lath and Shingles
Write us when you are in the market. Mention name of your dealer.
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GREENHOUSE GLASS

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for storing water, for scalding and salting, and many other purposes. Can furnish with tight cover, making it suitable for spraying, for $3.00 additional. We make all other size Tanks in any shape, for all purposes.

Steel Towers to elevate Tanks, Bells, Wind Mills, also Silos, Pumps and Gasoline Engines.

Goods guaranteed as represented, or money back.

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Has paid $116,000.00 for glass broken during the last 21 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River, N. J.

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Superior Quality **Low Prices** **Quick Delivery**

Greenhouse Glass

Write us for prices.

BAUR WINDOW GLASS CO., MANUFACTURERS, **EATON, IND.**

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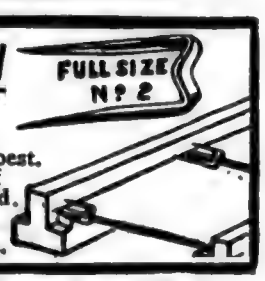


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Holds Glass Firmly
SEE THE POINTS
PEERLESS



Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cts. postpaid.
HENRY A. DREER
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16x24 double, B quality, natural gas tank hand made, in any quantity.

Write for prices.

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GLASS

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Philadelphia — New York — Chicago — Boston

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MINNEAPOLIS.

The Market.

Carnations and roses are quite scarce; in fact, all stock is scarce, though the demand is not great. Carnation day probably caused a general holding back until that day, and a resulting shortage all over. Violets and Golden Spur are about the most plentiful blooms on the market.

Various Notes.

The growers of Easter plants are making a fine showing of Easter lilies, and the prospects are for some fine, healthy plants, well developed.

The department stores sold carnations on January 29 for 18 cents per dozen.

Rumor has it that ere long the management of the Lakewood Cemetery Association will be open to a good man, as Mr. Smith intends to resign. M. E. M.

LINCOLN, NEB.

A meeting was held here January 19 to organize the florists of Nebraska into a society for the general welfare of the craft. A few of the florists are members of the Nebraska State Horticultural Society, but it seemed that they would not attend its meetings or take as much interest in it as they might. This led to the organization of the Nebraska State Florists' Society, as an auxiliary to the Horticultural Society.

The following officers were elected, to serve one year: President, Irvin Fry, Lincoln; vice-president, Louis Henderson, Omaha; secretary, Edward Williams, Grand Island; treasurer, Mr. Atkinson, David City. Directors, C. H. Green, Fremont; B. Simanton, Falls City, and Mr. Dole, Beatrice.

The by-laws and other preliminaries were perfected. The annual meeting will be held at Lincoln during the meeting of the Horticultural Society. We believe that florists generally throughout the state will take hold and push, so that in the near future we will be heard from.

Edward Williams.

Stoopville, Pa.—Mrs. Rachel C. Allen, who formerly conducted a flower store here, has gone out of the business.

Morgantown, W. Va.—W. R. P. Stewart had a fine crop of carnations at the end of January and advertised in the local paper to sell boutonnieres for McKinley day at 5 cents each. It brought quite a run of business. His regular price for carnations the year around is 75 cents per dozen. He attended the carnation convention at Pittsburg January 27.



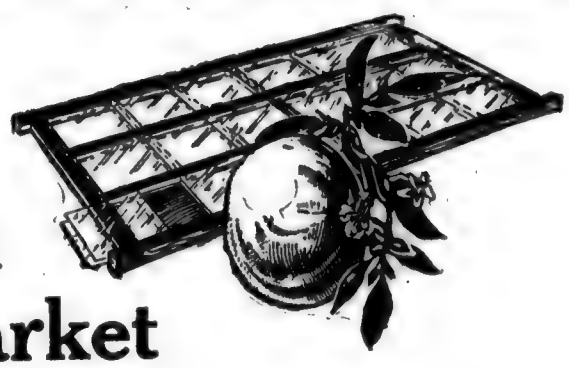
Have you been looking for a Ventilating Machine?

Here is one of the highest quality and has been proved to be the best. It is sold at reasonable prices and it excels all others in its ease of operation. Write for reasons why this machine becomes a favorite wherever it goes. Every user is an advertiser, for every user is perfectly satisfied with our line.

THE ADVANCE CO.
Richmond, Ind.

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Get the Benefit of Big Prices in the early market



The secret of success in market gardening is earliness. The Sunlight Double Glass Sash makes it easy to have the earliest and **best** plants. They will be ready as soon as the field is ready to receive them. The resulting crops will get the top-notch prices.

Sunlight Double Glass Sash lets in all the light all the time. Mats and boards for covering are no longer needed saving expense and labor.

Throughout the entire day the plants get benefit of the stimulating sunlight and earlier, better crops result.

The two layers of glass do the work. A 5/8-inch cushion of dry air between acts as a transparent blanket over the plants and protects them even in zero weather.

SUNLIGHT Double Glass Sash
for Hot-beds and Cold-frames

Agents Wanted. The wonderful success of Sunlight Double Glass Sash makes it one of the best agency propositions open to enterprising men.

Write today for information.

Get our new catalog on hot-bed sash. Prepaid freight offer. Safe delivery Guaranteed.

The Sunlight Double Glass Sash Co.

489 E. Broadway, Louisville, Kentucky

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The Greenhouse For the Commercial Man

The following are some of our customers:

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42 by 175.
F. Witthuhn.....Cleveland, Ohio
30 by 66.
F. F. Crump.....Colorado Springs, Colo.
21 by 150.
F. Hollberg.....Denver, Colo.
3, 25 by 125.
Walla Walla Floral Co., Walla Walla, Wash.
2, 32 by 200.
Cochrane & McKay.....Chicago, Ill.
2, 21 by 141.
H. E. Asplin.....Rocky River, Ohio
54 by 175.
Wm. Krieger.....Lansing, Mich.
28 by 100.
F. Tegeler.....Denver, Colo.
25 by 125.
C. F. Maier.....Denver, Colo.
2, 21 by 100.

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Costs less to erect than the wooden houses, lasts twice as long. Will quote on any part of or whole house complete, Fittings, Pipe, Wood Work, Ventilating Machinery, Hardware, etc.

IRON FRAME vs. WOOD WORK

Let us estimate on that new range, additions, etc.

King Construction Co., North Tonawanda, N. Y.

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Pat. Sept. 18, 1900
Use Our
THE JENNINGS IMPROVED IRON GUTTER.

Patent Iron Bench Fittings and Roof Supports

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Improved Vaporizing Pans for Tobacco Extracts, Etc.

Send for Circulars.

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Sash That Last differ from other sash in the way the joints are made—in the way the center brace braces—in the manner of pinning the joints—in the quality of the cypress used—in the care taken in assembling the parts.

They do not rot out at joints, will not twist and break glass. Sash we made twenty years ago are still in use, and we make them a good bit better now. It pays to buy only the best sash. There is nothing about your place that gets more hard handling and banging about.

If you want a **Double Light Sash,** there is none better than ours. We have been making them for years.

It is our Annual Offer; we make it about this time every year, to give everybody a chance to test up our Sash That Last.

The offer holds good for the month of February. It applies to our special brand of "Sash That Last."

Send us one dollar

and we will ship one of these unglazed sash to you. Examine it carefully, and give it all sorts of bang-about tests. If it isn't the best sash you ever saw, and doesn't come right up to the "scratch," ship it back and we will pay the freight, and refund your dollar.

Send us five dollars

and we will ship five Sash to you, and allow you actual freight charges, up to 40 cents per 100 lbs.

To give you an idea how far this maximum rate would carry the sash, here are the freight rates for 100 lbs. to the following points:

Portland, Me....38c Harrisburg, Pa...35c
Portsmouth, N.H.38c Baltimore, Md....35c
Bennington, Vt..38c Atlantic City, N.J.37c
Buffalo, N. Y....39c Pittsburg, Pa.....45c
Williamsport, Pa.35c Washington, D.C.45c

An unglazed sash weighs 20 lbs. To adjust the freight charges, send us the bill and we will cheerfully remit you the amount of the allowance.

To say it over again: One Sash, One Dollar—you pay freight. Five Sash, Five Dollars—and we make freight allowance.

If sash are not entirely satisfactory, send them back, at our expense, and back will come your money. The offer holds good for the month of February only.

Order at once; February will roll by before you know it.

Lord and Burnham Company

Irvington, N. Y.

New York, St. James Building
Boston, Tremont Building
Philadelphia, Heed Building
Chicago, The Rookery

The Weekly FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** at latest, instead of Wednesday morning, as many have done in the past.

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CUT out our geranium advertisement; it has done the business.—HOPKINS & HOPKINS, Chepachet, R. I.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

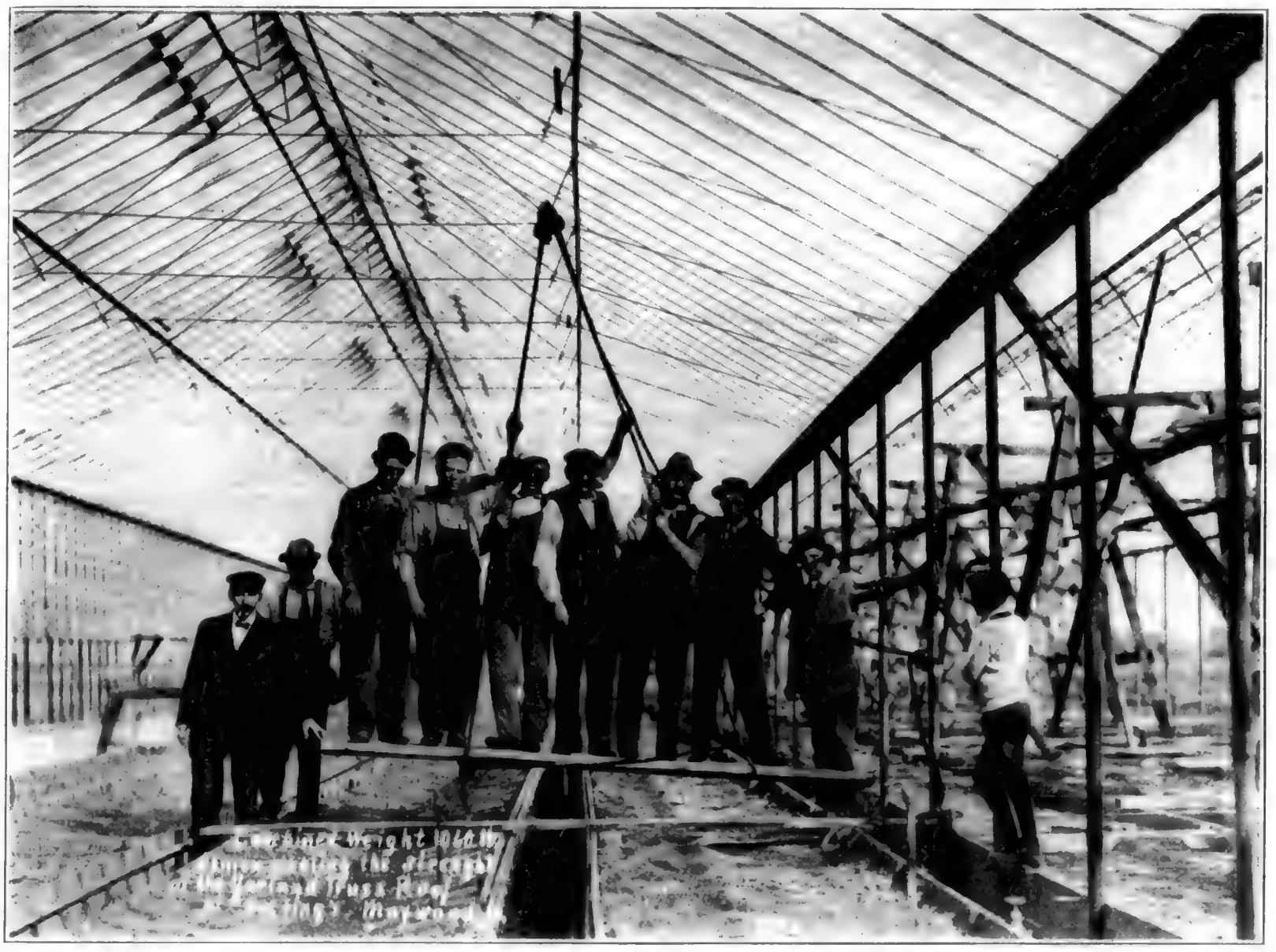
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For new structure or repairs
HOTBED SASH
In stock or any size required
PECKY CYPRESS
For benches, lasting and least expensive
THE FOLEY MFG. CO.
Western Ave. and 26th St., CHICAGO



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LARGE RUNS OF
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Get our figure
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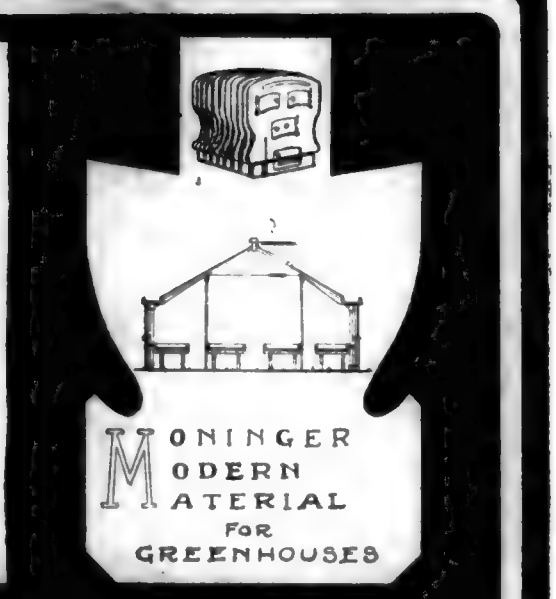
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Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, etc.

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2640 Sheffield Ave., Chicago

GREENHOUSE MATERIAL

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, FEBRUARY 10, 1910. No. 637.

CANNAS

800,000 F. O. B. New York or Chicago

We are headquarters for all the most up-to-date and leading varieties of Cannas. For varieties and prices see page advertisement of Cannas in this issue.

Our Western Agents for Cannas,

THE WINTERSON SEED CO.
45-47-49 Wabash Ave., CHICAGO, ILL.

ARTHUR T. BODDINGTON, Seedsman, 342 W. 14th St., New York

Rooted Carnation Cuttings

	100	1000		100	1000
Conquest	$12 00	$100.00	Splendor	$3.00	$25 00
Sangamo	12.00	100.00	Alvina	5.00	45.00
Mary Tolman	12 00	100 00	Aristocrat	3.00	25.00
White Enchantress	3.00	25.00	Afterglow	3.00	25.00
White Perfection	3 00	25.00	Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20 00	O. P. Bassett	6.00	50.00
May Day	6.00	50 00	Beacon	3.00	25.00
Daybreak Lawson	3.00	25.00	Victory	3.00	25.00
R. P. Enchantress	3.00	25.00	Andrew Carnegie	3.00	25.00
Winona	3.00	25.00	Gov. Deneen	6.00	45.00
Winsor	3.00	25.00			

All stock clean, healthy and well rooted.
The best that money can buy.

Chicago Carnation Co., A. T. Pyfer, Mgr. Joliet, Ill.

Ten points of excellence of the new Seedling Begonia

Glory of Cincinnati

1.—It lasts longer in the dwelling than any other Begonia.
2.—It is a most beautiful shade of soft, satiny pink.
3.—The individual flowers are much larger than those of Gloire de Lorraine.
4.—Easily propagated.
5.—Easy of cultivation.
6.—Strong, robust grower.
7.—It can be grown in a 4-inch pot to look like a plant.
8.—It flowers from October to April.
9.—Not surpassed by any other Begonia.
10.—The best plant for the Christmas Trade.

Ready for distribution July, 1910.

Prices, $1.00 each; $9.00 per dozen; $50.00 per 100.

J. A. PETERSON, Westwood, Cincinnati, O.

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The Baur Carnation Clip

The Clip That Makes Friends

Send us no money. We want your money after we have convinced you by a ten days' free trial that we have the best thing on the market for mending splits—cleverest device ever invented for the purpose. Price per outfit (1 Plier and 1000 Clips), $2 50 Clips as follows: $1.00 per 1000; $1.50 per 2000; $3.25 per 5000; $6.00 per 10,000; $12.50 per 25,000; $20.00 per 50,000.

Testimonials like these are common:

Your Carnation Clip is the finest Clip on the market.
DAVID A. DEAN.

You have the only device that does the trick successfully and with dispatch. W. R. P. STEWART.

We refit old Pliers free. Send them in and we will repair or promptly send you a new one.

BAUR FLORAL CO., Erie, Pa.

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Now is the time to get ready for your Easter trade. We have a few hundred plants to offer at the same price now as they were in the fall, which are import prices of the following varieties: Empress of Brazil, Schryveriana, Empress of India, Mme. Van der Cruyssen, Vervaeneana, Apollo, John Llewellyn, Prof. Wolters. 12-in., $7.00 per doz., $50.00 per 100. 14-in., $8.00 per doz., $60.00 per 100.

Hydrangeas

A few hundred field grown, one-shoot plants, $7.00 per 100. Satisfaction guaranteed.

Glass

16x24 ADS f. o. b. Erie or Buffalo. Let us quote you prices before you buy elsewhere.

Lilies

Giganteum, 7/9, 300 to case	$20.00	per case
" 9/10, 200 to case	21.00	"
Magnificum, 8/9, 200 to case	11.00	"
Auratum, 8/9, 160 to case	7.00	"
Album, 8/9, 225 to case	16.00	"

Carnation Cuttings

Now and later delivery. Beacon, Enchantress, White Enchantress, White Perfection, Winsor, $2.50 per 100; $20.00 per 1000. Winona, Lawson-Enchantress, $3.00 per 100; $25.00 per 1000. Georgia, $5.00 per 100; $40 00 per 1000. Pink Delight, $6.00 per 100; $50.00 per 1000. Also any other standard or new varieties at regular market prices.

Wm. F. Kasting Co., 383-387 Ellicott Street, Buffalo, N. Y.

The cleanest, strongest and best established Mums

Early Monrovia, Prime October Frost. Ready now. Assure you gilt edged blooms next October. $3.00 per 100; $25.00 per 1000.

Extra select plants of **Virginia Poehlmann,** ready now. Will give you fine flowers and long stiff stems. $4.00 per 100; $35.00 per 1000.

Edmond Albe. A big fine incurved, ready October 15. The Committee reports it "Satin-pink, score 18" (out of 20 points), with stem full count. The variety is the best pink of its date for commercial purposes.

Elise Papworth. White sweepstakes. $35.00 per 100.

E. G. HILL CO., Richmond, Ind.

Seeds for Present Sowing

Novelties for 1910	T. P.	Oz.
Aster, Crimson Giant	$0.25	$2.25
Salmon King	.25	5 00
Lemon Drop	.25	5.00
Rosy Morn	.20	2.75
Mauve Queen	.25	
Cactus flowered.	.25	
Begonia Prima Donna.	.25	
Delphinium Belladona	.25	
Gerbera Jamesoni	.25	
Stock Abundance	.25	

Well-known Varieties.	T. P.	Oz.
Ageratum, Dwarf blue	$0.10	$0.25
Alyssum, Little Gem	.10	.30
Candytuft, Empress	.05	.15
Cobaea Scandens, purple	.10	.30
Centaurea gymnocarpa	.10	.30
Lobelia Speciosa	.10	.50
Bedding Queen	.15	1.25
Salvia Splendens	.15	1.00
Vinca, mixed	.10	.50
Verbena, Mammoth	.15	1.00

Fully described in Florists' List—free for the asking.

For select strains of VEGETABLE SEEDS, Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our Market Gardeners' Wholesale List, now ready for distribution; mailed upon request.

THE W. W. BARNARD CO., SEEDSMEN, 108-110 W. Kinzie St., Chicago

LET US HANDLE A SHARE OF YOUR BUSINESS

We have an equipment second to none in the wholesale cut flower business in this market—store fitted up with every convenience for taking best care of stock—

Three Men of Experience

for years in the market, and a supply of stock that embraces every seasonable item in cut flowers and greens. We can supply anything to be had in Chicago.

Glad to hear from anyone whom we can serve.

Kyle & Foerster

W. P. KYLE JOSEPH FOERSTER

WHOLESALE COMMISSION FLORISTS

Price List

BEAUTIES	Per doz.
Long stems	$6.00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.50
Stems 16 inches	2.00
Stems 12 inches	1.50
Short stems	1.00
	Per 100
Killarney	$6.00 to $15.00
Richmond	5.00 to 15.00
Maid	5.00 to 12.00
Bride	6.00 to 15.00
Mrs. Field	4.00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common	2.00 to 3.00
Fancy	4.00
MISCELLANEOUS STOCK	
Violets, double	.75 to 1.00
" single	.75 to 1.00
Sweet Peas, fancy	1.00 to 1.50
Jonquils	3.00 to 4.00
Tulips	3.00 to 4.00
Valley	3.00 to 4.00
Easter Lilies	doz., $1.50 to 2.00
Callas	" 1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
GREENS	
Asparagus Plumosus, per string	.60 to .75
" " " bunch	.35 to .50
" Sprengeri....per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Smilax....per doz., $2.00	15.00
Ferns....per 1000, 2.00	.25
Galax " 1.00	.15
Leucothoe	.75
Mexican Ivy....per 1000, $9.00; per 100, $1.00	

Subject to Market Changes.

51 Wabash Ave.

L. D. Phone Randolph 3619

CHICAGO

There is Nothing You May Want we Haven't Got

Quality is A No. 1. We always bill all shipments at market rates. Order of us and we certainly will give you good value.

Carnations, Roses, Violets, Valley, Bulb Stock, Greens, Wild Smilax.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

48-50 Wabash Avenue, CHICAGO

BEAUTIES

We Have 'em in Quantity

We have the largest supply and the finest **Beauties** in this market—1000 to 1400 or more a day—and we want to hear from those who have not previously bought of us. The present crop will be on for at least four weeks.

Let's hear from you

We also can supply all other stock in season. A fine lot of **Carnations.**

Send along your orders for
St. Valentine's Day Violets

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 **CHICAGO**

Price List

AMERICAN BEAUTY	Per doz.
36 to 40-inch stem	$5.00 to $6.00
24 to 30-inch stem	3.00 to 4.00
18 to 20-inch stem	1.50 to 2.50
12 to 15-inch stem	1.00 to 1.25
Short stem	.75
	Per 100
Bride	$6.00 to $12.00
Bridesmaid	6.00 to 12.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
Richmond	6.00 to 12.00
ROSES, our selection	5.00
Carnations, good	1.50 to 2.00
" fancy	3.00 to 4.00
Violets	.75 to 1.00
Valley	3.00 to 5.00
Harrisii Lilies...doz., $1.50 to $2.	
Callas..... " $1.50 to $2.	
Tulips	3.00 to 4.00
Jonquils	4.00
Freesia	3.00
Sweet Peas	.75 to 1.50
Asparagus.....per string, .50	
" Sprengeri, per bunch,	.35 to .50
" Plumosus "	.50 to .75
Galax..... per 1000, $1.00;	.15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax.....per doz., $2.00	
Fancy Ferns.....per 1000 2.00	.25
Boxwood.....50 lb. case, 7.50	
Wild Smilax.....50 lb., 5.00	

Prices subject to market changes.

BEACON CARNATION CUTTINGS

We have a quantity of well-rooted cuttings from especially strong stock. These are cuttings that are sure to please.

We are making a specialty of Rooted Cuttings and believe the way to permanent success lies in sending out on every order only the kind of stock that will lead to further orders from that customer, and from those he tells about the satisfactory stock obtained from us.

Nothing Spectacular—Just the Best Cuttings that can be had, and at Right Prices.

CARNATION CUTTINGS

Clean, well-rooted stock, the kind that will make you and your friends our regular customers.

	Per 100	Per 1000		Per 100	Per 1000
Winsor	$2.50	$20.00	Enchantress	$3.00	$25.00
Beacon	3.00	25.00	White Perfection	3.00	25.00
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.50	20.00

Immediate delivery. Write for special prices on large quantities. No order too large for our facilities.

Chrysanthemum Cuttings

Now booking orders for early delivery.

WHITE	Per 100	Per 1000
Oct. Frost	$2.00	$15.00
Kalb	2.00	15.00
V. Poehlmann	2.50	20.00
Touset	2.00	15.00
A. Byron	2.00	15.00
Wanamaker	2.00	15.00
White Cloud	2.00	15.00

WHITE	Per 100	Per 1000
T. Eaton	$2.50	$20.00
Chadwick	2.50	20.00
Nonin	2.00	15.00
PINK		
Balfour	2.00	15.00
Enguehard	2.00	15.00

YELLOW	Per 100	Per 1000
Golden Glow	$2.00	$15.00
Monrovia	2.00	15.00
Oct. Sunshine	2.00	15.00
Appleton	2.00	15.00
Y. Eaton	2.50	20.00
Golden Chadwick	3.00	25.00
Halliday	2.00	15.00
Bonnaffon	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

The Ideal Red Carnation

O. P. Bassett

Rooted Cuttings
Per 100, $6.00
Per 1000, $50.00

Buy Direct of the Originators

IT has been the leading Red Carnation in this market, bringing the highest price of any and selling the best. It has paid us more money per square foot of bench than any other variety. The flowers are 3 1-2 inches in diameter, a deep, brilliant red and borne on long, stiff stems. Winner of first prize everywhere.

Bassett & Washburn

Greenhouses, Hinsdale, Ill.

Office and Store } 76 Wabash Ave., Chicago

New Carnations

NOW READY

	100	1000		100	1000
Mrs. C. W. Ward	$12.00	$100.00	Beacon	$3.00	$25.00
Alma Ward	15.00	125.00	Robert Craig	3.00	25.00
Conquest and Sangamo	12.00		Afterglow	3.00	25.00
Mrs. J. C. Vaughan	6.00	50.00	Enchantress	3.00	25.00
Bay State	6.00	50.00	Rose-pink Enchantress	3.00	25.00
Georgia	6.00	50.00	Harlowarden	3.00	25.00
O. P. Bassett	6.00	50.00	Winsor	3.00	25.00
White Enchantress	3.00	25.00	Lawson Enchantress	3.00	25.00

: : Chrysanthemums for the Commercial Grower : :

YELLOW IVORY, a fine yellow sport of the well-known Ivory; young stock, 2¼-in. pots, ready March 1, **$15.00 per 100.**

MRS. O. H. KAHN, POCKETT'S CRIMSON and **YELLOW MILLER,** fine plants, 2½-in. pots, ready now, **$10.00 per 100.**

MONROVIA, GOLDEN GLOW, MISS M. HANKEY, NELLIE POCKETT, 2¼-in. pots, **$3.00 per 100; $25.00 per 1000.**

We handle over 400 varieties of Chrysanthemums and can fill your order for any amount

Chas. H. Totty, Madison, N. J.



New Pink Carnation

SANGAMO

Has been selling in the St. Louis market for $1 more per 100 than Afterglow

The Color is Captivating

After seeing the best new varieties of this season, growing; also having seen the standard varieties growing both east and west, I do not hesitate to maintain that under equal conditions Sangamo will produce one-third more flowers from October 1 to June 1 than any variety now before the trade; and not a calyx will be split. The stock is perfectly healthy—cuttings guaranteed. Orders will be filled in strict rotation. Send your order today.

$12.00 per 100; $100.000 per 1000

A. C. BROWN, 217 South Fifth Street, Springfield, Ill.

U KNOW US! LET'S KNOW U!

M. RICE & COMPANY'S

VALUE—THE BUSINESS BRINGER

Advertising is excellent. The house which doesn't advertise nowadays is headed for "Extinction Street." We have used many forms of publicity and found that all have merit of some sort, but the best advertising of all can be summed up in two words,

"GIVING VALUE"

Give a man 100 cents' worth for every dollar, and DO IT ALL THE TIME, and he will be satisfied, and moreover he won't be quiet about it. He will tell his friends and acquaintances, and that is great advertising which doesn't cost a cent.

"VALUE" advertising is strongly in evidence in all our Extensive Lines. Our Beautiful Katalog tells all about it. Yours for the asking. It saves money for U.

Ribbon Specialists
The Leading Florists' Supply House
Importers—Manufacturers—Originators

M. RICE & CO.
1220 Race Street
PHILADELPHIA, PA.

Our Original Corsage Shields

have made a tremendous hit, combining utility and advertising value at popular prices.

Our assortment of **plain** and **chiffon and lace bordered** shields in rich and novel designs is decidedly out of the ordinary.

Florist's name stamped in gold on back **is our exclusive idea.**

All shades.

Write for sample dozen assorted (unstamped), also sample gratis showing effect when stamped.

WERTHEIMER BROS., The National Floral Ribbon House 565-567 Broadway, at Prince Street, New York

FLORISTS' SUPPLIES

Specially large and fine stock of natural preserved WREATHS, MOSS WREATHS and METALLIC DESIGNS.

L. BAUMANN & CO.
359 W. Chicago Ave., CHICAGO

JOS. G. NEIDINGER
1513-15 Germantown Avenue, PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WheatSheaves, Wicker Pot Covers, Plant Stands
Send for handsomely illustrated catalogue; can also be used as design book.

Velvet Poinsettias with Foliage
$2.00 per doz.; $20.00 per gross
NOTHING LIKE IT FOR THE MONEY
Gustave Schroeder, Artificial Flower Manufacturer
1524 Prospect Ave., Cleveland, O.
Samples sent on receipt of 16c to cover postage

Lion & Company

Manufacturers of the Colonial Brand of

RIBBONS and CHIFFONS

114-116 Spring St., New York

Send us your Catalog containing samples of 27 Qualities of Ribbons and Chiffons.

Feb. 10 Fill in your name and mail us this blank.

.....Name

.....Address

LOOK

All goods bought from our catalog will be shipped anywhere in the United States upon condition of "fire the goods back at our expense if they do not please you."

This makes the buying of our goods as safe as though you selected every piece personally from our vast stock.

THE RETAIL FLORIST.....

THE CREDIT SYSTEM.

We are wondering what our brother florists are doing nowadays with their credit business? Of course we all have the telephone, and our patrons, good, bad and indifferent, order flowers over the 'phone and either promise to pay soon or don't mention that necessary part of the transaction. Our collector gets all kinds of excuses, but not so much money as we would prefer. Wealthy or able patrons say the money is just as good as in our hand, but our help and creditors do not think so. Occasionally a plant dies and they claim it was diseased and refuse to pay.

Does any one use the "credit slip," or how do you manage them?

I would like to hear from those who have solved the problem. We feel that to refuse credit makes enemies among good people, yet our credit system is rotten.

D. B.

The REVIEW will be glad to print the letters of any who will describe their methods of handling credits.—ED.

FILLING FERN DISHES.

Work Worth Doing Well.

Of all the work that comes to a flower store, there is nothing of greater importance than the filling of fern dishes. While there may be a few downtown stores in big cities that do not do this work, in ninety-nine out of every hundred places where plants are sold to the public a steady daily business is done in filling ferneries; millions of small ferns, from 2½-inch or 3-inch pots, are required each year.

It might surprise some florists to hear the comments made on their methods of filling fern dishes; the housewife knows a well-filled dish when she sees it, and if the neighbor has secured better service than she herself it is easy to tell which florist's business has been helped and which hurt. And yet in some stores—yes, even in some of the large places—the fern dishes often are filled by a wagon driver or errand boy. In some instances the proprietor of the store is also a large grower. If so, would he leave the repotting of plants in his greenhouse to the barn man or other inexperienced help? Certainly not. Of course, it is admitted that there are drivers or errand boys who display much interest in their work and, with a little training, become quite handy around the greenhouse.

Filling ferneries is, in one sense, transplanting plants, putting more than one plant into a pot. If this is not properly done, how can the little ferns be expected to thrive, especially when all other conditions are unfavorable? Many fern dishes are much too shallow. Usually, also, they stand on a table, away from all daylight. The air in the room often is dry and much too warm to be suitable for ferns. Frequently the soil remains unwatered for a week, and then it is kept soaked for another week, in the hope of reviving the "dear little ferns."

A Wrong Assumption.

There still are florists who reason thus: "The shorter the life of plants or flowers, the greater the quantity of stock that we can sell." All the statements just made may be wasted on such reasoners. Nevertheless, the florist who so thinks is laboring under a wrong impression. The buyer of our wares will patronize the florist whose stock seems to keep best, just as the purchaser of a typewriter or sewing machine selects the one which gives the longest service.

Now, then, with the foregoing facts before us, what is the correct way to fill fern dishes? You say that everyone fills them differently. True enough; still, they all try for the same result.

The Drainage.

The question of drainage first arises. To obtain the best results, some sort of drainage should be provided. In the fern dish which will itself hold water, the lining should have a hole in the bottom, over which a piece of broken pot should be placed before filling, to keep the soil from washing through. This provides the best drainage.

When the dish is one of those open-work affairs, it will be better if the lining contains no holes. In this case a layer of chips of broken pots on the bottom of the lining will supply pretty fair drainage. Many dishes are so shallow that there is hardly room for the ferns, not to speak of the chips of pots, and in such cases you may have to dispense with the drainage entirely. If the lining is unusually deep, place a good layer of broken pots in the bottom and then enough soil to come within about two and one-half inches of the top. Then go ahead with the ferns.

Arangement of the Ferns.

The number of ferns to be put into a dish is often governed by the taste—or sometimes lack of taste—of the customer. If this matter is left to you, then place the ferns just close enough together so that the soil is pretty well hid. Be sure you do not crowd the ferns.

In filling the ordinary fern dish, I usually first select the ferns for the outside edge. Place them close to the edge of the lining, tilting them slightly toward the outside. If you are using a variety of ferns, alternate them around the edge. Such kinds as Aspidium tsussimense, Cryrtomium falcatum and some kinds of pteris, if not too large, are best suited for use as the edge plants of fern dishes for table use, as they spread pretty well.



A Well-filled Green Mat-ware Fern Dish.

After the outside plants are in position, it is well to put the center plant in place; that is, if you intend to use a cocos, pandanus, small phœnix or some similar plant in the center. Next fill the remaining space with ferns.

Condition of the Soil.

If your soil is in the right condition, it will be just damp enough so it will pack nicely and still not cling together or be lumpy. Fill in well with soil between the ferns, and then pack it together with

your fingers. This is important; pack the soil in well around every fern.

A dish filled by an experienced man will have the soil even across the top and a little below the edge of the lining after the work is finished. You may have seen dishes in which the soil was heaped around each fern, or perhaps there was a little mountain in the center, with a cocos at the peak. A dish so filled cannot be properly watered.

Various Tastes to Satisfy.

As to the arrangement of the ferns or the varieties used, this depends usually upon the wishes of your customers. Some want nothing but asparagus, while others will not have it at all. Some people like a low, even effect, while others want just the opposite. I have also run across customers who did not believe in permitting a particle of soil to show; in order to avoid this, the ferns had to be fairly packed, allowing them little chance to grow. Personally, I prefer an assortment of ferns and a loose, airy effect, even if a little of the soil does show.

There is no end to the number of pretty effects that may be obtained in a dish of fairly good size. Often three small cocos can be used in the center, instead of only one.

Depth of the Dishes.

The best depth for a fern dish is from three to three and one-half inches, giving you an inner lining about two and one-half to two and three-fourths inches deep, which will just nicely take the small ferns without disturbing the roots. Some of the dishes on the market are much too deep to look well. Unless ferns of a pretty fair size are planted in them, they will look squatty. Then, again, there are the dishes which are so shallow that it is no wonder the ferns die in them over night. If the manufacturers would confer with an experienced florist, there would not be so many nearly useless fern dishes on the market.

It will pay most retail florists to keep in stock a nice assortment of fern dishes, in qualities and styles to suit the class of trade in each community. A few of these dishes should always be kept nicely filled. They will sell readily.

Stock to Use.

It is not necessary to confine yourself to ferns. Small plants of pandanus or Phœnix Roebelenii, small kentias, dracænas, crotons, etc., can be used to good advantage in the large dishes. Baskets in the natural wood, such as birch bark, or baskets in neutral colors, or small window sill boxes, can be filled. In fact, there are many ways of using these small plants.

Some of the varieties which I have found best for use in fern dishes are: Asparagus plumosus, Aspidium tsussimense, Cyrtomium falcatum, Davallia stricta, Pteris Cretica albo-lineata, Pteris Mayii, Pteris serrulala cristata and Pteris Victoriæ.

Trifling as the business of filling fern dishes may seem, still a well-filled fern dish on some one's table is a good advertisement for the florist, one that may attract more attention than a costly calendar. Anyway, it is the little things in life that count. Hugo Schroeter.

[A little advertising will enable any retail florist to increase his business in the sale and refilling of fern dishes. Try a neatly printed circular for inclosure in your letters, bills, packages, etc. The Review will supply duplicates of either of the cuts used to illustrate this article at $2 each.—Ed.]



Fern Dish of Mexican Red Pottery.

Columbus, O.—Wm. F. Metzmaier attended the Pittsburg meeting of the American Carnation Society and thoroughly enjoyed the trip and the meeting.

ADVERTISING PAYS.

W. G. Schucht is located at Chilton, Wis., and it is not in the small towns that newspaper advertising has its greatest value; in the larger cities the newspaper reaches people who seldom would see the florist's window or hear of the florist; but even in Chilton advertising pays, for Mr. Schucht writes:

"Enclosed is a copy of an advertisement I used in a local newspaper as a forerunner for St. Valentine's day and which has brought me business I otherwise would not have enjoyed. I am running a large display advertisement this week, which will end with a special window display for St. Valentine's day. Although I am located in a community where flowers have not been bought on these special days, I can see where advertising at the right time brings great results. It was shown to me this year on McKinley day, when I had a fine run on carnations through a special window display and special advertising. I am enjoying the Review every week, and find some very helpful hints in it."

Mr. Schucht's enclosure, from his local paper, was a clipping as follows:

FEBRUARY 14th.

Just a gentle reminder
In behalf of Valentine's Day,
So think the matter over careful
And with me you will agree
That there is nothing sweeter
At this season of the year
Than a nice Bouquet of Flowers
Your Valentine's heart to cheer.
Flowers are real valentines
(Nature's product come to stay)
And you will always find them proper
To present on Valentine's Day.

W. G. Schucht, the Florist.

MAIL ENCLOSURES.

Many retail florists find it worth while to send out in each letter a neatly printed circular advertising some feature of their business. Others put circulars on the plant department in cut flower orders, and cut flower circulars in the plant orders. Of course they must be attractively gotten up. Here is one used in its mail by an Iowa concern:

CALIFORNIA-
FLOWERS—
IOWA—

Last week we told you we had flowers. We told you we could furnish the lovely part of California to you at small cost.

Some of you took the cue—and some seem to have forgotten it.

Now see here, you married men. Just a reminder to you.

Don't you remember how you used to take Her a bouquet of pretty flowers every once in a while when you was a cortin' Her.

Don't you remember how she used to put them to her lips (to smell 'em) and say

"How lovely!—and how good of you to bring them. I just adore roses!"

You kept making her say sweet things to you because you did such thoughtful things for her. But say—

How long since you carried a bouquet to Her since you married Her?

Once? Twice?—"Nope, not once"—unless you had a party.

Yes, we've got flowers for parties, too—but if I were you I'd break the ice by taking a bun home to Her a few times. Try it.

HILL CITY GREENHOUSES
Forest City, Iowa

OUTDOOR SPRENGERI.

Would the growing of Asparagus Sprengeri in the field be profitable commercially in this New England climate? If so, what size of plants should be set out and what time should they be planted out? What kind of land would be best suited to their growth? Any other information you can give on this subject will be thankfully received. F. E. S.

Asparagus Sprengeri is grown outdoors satisfactorily in Florida, but in New England I think it would be a doubtful ex-



Agricultural Building, University of Illinois, where Florists will Meet.

periment, from the fact that the growing season would probably prove to be too short.

The best method of growing this plant for sprays is to plant out the stock on the side benches of a greenhouse, using five to six inches of rich soil on the benches and planting out strong young plants from 4-inch pots. After the plants are well established, a mulching of well-rotted manure will be a help to them. In such a bench the plants may be grown for two seasons, if well fed, but would then need replanting. W. H. T.

ILLINOIS FLORISTS TO MEET.

The fourth annual convention of the Illinois State Florists' Association will be held at Champaign-Urbana, February 15 and 16. The sessions of the society will be held in Morrow hall, Agricultural building, University of Illinois. The trades display will be held in the foyer of the auditorium on the campus. The convention headquarters will be at the Hotel Beardsley. The program will be as follows:

Address of welcome, Dr. E. J. James, President University of Illinois.
Response, by P. J. Foley, Chicago.
Report of the secretary, by J. F. Ammann, Edwardsville.
Report of the treasurer, by Frank L. Washburn, Bloomington.
Report of the secretary of advisory committee for the Illinois Florists' Experiment Station, by W. N. Rudd, Morgan Park.
"The Value of the Experiment Station to the Florists, and the Duty of the Florists to the Station," by Prof. J. C. Blair, Chief Department of Horticulture, University of Illinois.
Banquet at the Beardsley hotel, Champaign, 7:45 p. m., Tuesday, February 15, members to pay for their own tickets.
Address on behalf of the Illinois Outdoor Improvement Association, by Dr. A. W. Garner.
"The Cut Flower Industry," by C. L. Washburn, Chicago.
"Our Work," by H. B. Dorner, in charge of the State Experiment Greenhouses.
Election of officers.

An opportunity will be provided for the inspection of the state's greenhouses and an explanation of the work in progress there. It is the hope of those in charge that the association will vote to make Champaign-Urbana the permanent meeting place. There are comparatively few florists in the district, so that an elaborate entertainment is impossible, but the society is well able to take care of itself in this respect and it is thought that the meetings held at the State University will be of much value to the work for floriculture. A large attendance is hoped for this season.

The officers of the State Florists' Association are: President, C. E. Gullett, Lincoln; secretary, J. F. Ammann, Edwardsville; treasurer, F. L. Washburn, Bloomington, and the following vice-presidents, George B. Franks, Champaign; A. C. Brown, Springfield; E. W. Guy, Belleville; Charles M. Dickinson, Chicago; O. B. Heinl, Jacksonville; A. R. Knowles, Bloomington; Charles Loveridge, Peoria.

PROPAGATING POINSETTIAS.

Will you kindly tell me what is the best method for taking cuttings from poinsettias? In the REVIEW for December 23, in an article entitled "Pentecost's Poinsettias," you spoke about propagating them July 15. Is July the only month in which to propagate this plant? Any information you can give me will be appreciated, as I have never handled the plant. G. K. W.

Poinsettias can be propagated from April to September. The general plan is to use the soft young growths, which root readily where they are given a little bottom heat. The favorite months for propagation are June and July. For single-stem plants for benches the cuttings can be taken in April and May, but June, July and even the first half of August answer well where dwarf plants for pans are wanted. Poinsettias are of easy propagation. Even an ordinary coldframe answers well for this purpose in summer. You will find cultural notes on poinsettias, under "Seasonable Suggestions," from time to time during the season. C.

PLANTS FOR CHRISTMAS.

Could Amaryllis formosissima, or Jacobæan lily, be had for Christmas if planted in the fall or late summer? Please give me a list of the best plants for next winter, to bloom for Christmas, and also let me know if seed of cyclamen sowed January 10 will make blooming plants for next Christmas. Could the early varieties of gladioli, planted in August, be had in bloom for Christmas? J. G.

Amaryllis formosissima is not a desirable bulb to try to flower for Christmas. The early varieties of gladioli of the Colvillei and nanus type will not flower for Christmas. These will not stand hard forcing, and are at their best from March to May.

Some of the best Christmas plants are Azalea Indica, poinsettias, Chinese primroses, cyclamen, Roman hyacinths, lily of the valley, zonal geraniums, Lorraine begonias, and among berried plants Solanum capsicastrum and Christmas peppers. Bright colored flowers are always in the best demand.

Cyclamen sown January 10 will be rather late for Christmas. They will be better in February. Another year start your seed in September, and you will then get strong plants in 6-inch pots for Christmas sales the following year. C. W.

CANNAS FROM SEED.

Will you please inform me whether cannas from seed will bloom the first season or not? If not, at what age will they flower? C. W.

Cannas from seed will bloom the first season, provided the seed is started sufficiently early. Sow the seeds now in a brisk, moist heat. C. W.



Auditorium, U. of I., Where Trade Exhibits will be Placed.



CHRYSANTHEMUM GOLDEN GLOW

I confess I felt dubious about the profitableness of the Golden Glow mum, on account of its extra earliness, since it comes into bloom when asters are plentiful on the market, but I was agreeably disappointed. The first cuts brought even better prices than the later crops last season.

We hardly understand its value yet. It will probably produce a white sport—perhaps several of them—within the next two years. In fact, there is one already, and it is not impossible that we may get a pink sport from the white. Then we shall have all the desirable colors and the mum season will be extended a month or more. It is a better finished flower than Monrovia, and the latter variety will soon be dropped in a general way.

Whether the extending of the blooming season will prove a benefit, we do not yet know. To the retailer who does his own making up there is no doubt of the benefit, but time will tell. The man who broke the record for earliness with the Golden Glow deserves a medal in his honor. E. Fryer.

PREPARING TO PROPAGATE.

With the advent of February the chrysanthemum grower, particularly the man who is growing for exhibition, begins to turn his thoughts to propagating for the coming season. The expert has doubtless had his plants in a cool, airy house, where the cuttings can make a hard, firm growth, and they are now in good shape, but many of the commercial growers simply throw their stock under the benches and leave them there until it is time to begin propagating once more. Such a method is folly, pure and simple. The cuttings are weak and the plants, because they have been growing in insufficient light, have lost most of their vitality.

There is an idea abroad that the chrysanthemum, after flowering, should have a resting season. While it does not need heat or nearly as much water as during the rest of the year, still the chrysanthemum is never dormant and there is no use of looking for good cuttings after three or four months of absolute neglect. If your stock plants are under the benches, throw out some of your violets and carnations and make room on top for the mums, where they can have a reasonable show to produce good cuttings. Anyone who has ever tried it knows that a plant that is lifted and replanted into good, sweet loam, with a fair proportion of leaf-soil and rotted manure, responds immediately. It is good policy, therefore, even though the plants are still in the benches where they were grown, to lift them, turn over the soil and replant them.

The commercial grower does not want to propagate his stock so soon for average cut flower growing, but he will find it an advantage to root the plants and set them out on a bench in a cool house, where they will, after being pinched several times, give an abundance of splendid cuttings along in May, when the stock plants are getting exhausted and not of much account. It is always a good plan, with any novelties that may be purchased, to plant them out on a bench in this manner, because they will then make a free, kind growth and can be increased quite considerably without impairing the constitution of the variety.

Chas. H. Totty.

EARLY POT PLANTS.

I have a side bench on which I would like to grow early mums, two flowers to the plant. There are only twenty-four inches of head-room in the rear of the bench and forty-two inches in the front. When shall I take the cuttings, so as to have the plants not too high by flowering time for the above bench? I have stock plants of Glory of Pacific, Polly Rose, Ivory and Pink Ivory. Are the varieties mentioned suitable for pot plants? If so, when is the right time to take the cuttings? C. B.

The varieties mentioned by C. B., if propagated in April or early May, should not grow any too tall to flower in twenty-four inches of space. So far as my own experience goes, with either Polly Rose or Pacific, I have not been able to flower them with over 2-foot stems, no matter at what time I propagated them. Nice little plants, put out in June and topped once, so as to carry two flowers, should finish well in that space, unless the bench is heavily shaded, which, of course, makes the stems pull out considerably.

The kinds mentioned are all well adapted for pot plants, and cuttings can be taken any time when good stock is available. It is simply a question of keeping the plants pinched back, and at the middle of June there are pot plants just as dwarf as anyone could wish. Plants to flower in 7-inch pots, carrying from six to twelve flowers to a plant, should be rooted not later than the end of April. For smaller stock, in 6-inch pots, carrying several flowers to a plant, they should be rooted in May or early June and would still be in ample time to produce good stock. Chas. H. Totty.

Alvin, Tex.—The jasmine business of W. A. Dennis has changed hands, and the new firm in charge is Stevens & Heller.



FISHER'S CARNATIONS.

At Peter Fisher's place, at Ellis, Mass., no matter at what time of the year the visitor may call, he always receives a cordial welcome and finds something of interest to examine. So many high-grade carnations have originated here that Ellis has secured international fame horticulturally, and that the list of good things is not yet exhausted is self-evident after a look over the seedling house. One seedling, of which Mr. Fisher has a nice batch, is a superb cerise, a big flower, with a long, strong stem and an ideal calyx—one which, if it holds good, will be heard from. There are also one or two fine scarlets which promise to beat even Beacon, a variety originating here. A beautiful white variegated variety in the way of the old Mrs. Bradt appears to be free and has handsome flowers. There are other varieties of great promise under trial. If any doubtful traits develop in any of them, however, they will never be introduced, Mr. Fisher declining to put anything on the market unless absolutely sure it is all right.

Among the standard varieties, Winona seemed to lead as a heavy cropper to date. Melody looked well, but will not be grown again. Winsor also carried a heavy crop. Rose-pink Enchantress, White Enchantress and Enchantress are all grown still and there is nothing yet in sight to beat them when well grown. White Perfection does well here and Beacon is the only scarlet grown. No. 50, one of C. W. Ward's varieties, carried a nice crop. Viola Sinclair also occupies considerable space, but was off crop at the time of our visit.

Mr. Fisher believes in early planting. The houses planted first certainly showed a big lead over the later ones, and another year every effort will be made to get planting done considerably earlier.

C.

CARNATION RUST.

Enclosed you will find some leaves of carnations that are affected with what I think is smut. Will you please tell me

what to do with it? I have only a little of it, but it seems to be general—a plant here and another there. Outside of that, the plants are in a good, healthy condition. H. C. G.

The disease you complain of is the common carnation rust. Some years ago this disease was feared by all the carnation growers, and it did great injury until we learned how to control it. Nowadays, although there are perhaps few places which are entirely free from it, it does little harm, comparatively, and it has no terrors for the expert grower.

Pick off the diseased leaves and burn them. Dust the plants with Grape Dust, or with sulphur and lime mixed in equal proportions. Then syringe as little as possible for a while. By keeping the spores dry you will keep them inactive, and therein lies the secret. A. F. J. B.

RUST ON ENCHANTRESS.

We are troubled to quite an extent with rust on our carnations, especially Enchantress. We have been taking sulphur and lime in equal quantities and dusting the plants with that, but it seems to do no good. Is there a preparation that will effectually kill this fungus? If there is, how is it used? Kindly give us any information you may have to offer. W. O. S.

Dusting with lime and sulphur should help to check the carnation rust, providing you do not undo the work by careless watering, etc. Pick off the worst affected leaves and keep the plants dry overhead, and they will soon outgrow it. Water carefully, but not too sparingly at the roots, and ventilate freely. We know of no other remedies. A. F. J. B.

CUTWORMS IN BENCHES.

I find that my benches are alive with cutworms, and I also have traced out where they came from. Last summer I bought a number of loads of rotted cow manure, and I find they came from that. I have lettuce in the benches where they are the worst, and they are also in the soil I wish to use for potting. If you can let me know at once how I may get rid of them, it will be greatly appreciated. G. L. E.

Perhaps the best means of destroying cutworms of all kinds is by poisoned baits, supplemented with hand-picking whenever it is possible to find them. A bait which is strongly recommended for this purpose is prepared as follows: One part arsenic, one part sugar or molasses and six parts bran. Mix with water until you have a mash. Spread this around where they can get it. A. F. J. B.

POTTING ROOTED CUTTINGS.

Will you be kind enough to advise as to the kind of potting soil, the temperature, watering, fertilizing and amount of exposure to the sun that are necessary for the proper growing of carnations? S. F. C.

If you had any soil left last summer when you filled your carnation beds, it will be the best potting material you can find. If you were wise you laid some hotbed sash over some of it last fall, before hard freezing set in. If you have none under cover, you can get it inside in a frozen condition. Let it thaw out and, if necessary, let it dry out somewhat, before you use it. It should be just moist enough so you can press it into a ball, but not too moist to crumble readily when broken up. Add no fertilizer at this time, but you might add a couple of shovelfuls of sharp sand to each barrow of soil.

After potting into small pots, water enough to make the water penetrate to the bottom of the pots. After that, water when the soil shows signs of getting dry. Root action is started best in a moderately moist soil. Let no sun-rays strike them for a few days; the number of days will depend on how well rooted and how well matured the cuttings were at the time of potting. As long as they are inclined to wilt, they must be shaded, but decrease the shading as rapidly as possible. You will find 50 degrees about an ideal temperature for growing young carnation plants, with a rise of 6 degrees at noon and 15 degrees on bright, sunny days. A. F. J. B.



Carnation Niagara.

SPIDER AND STIGMONOSE.

I am sending you a plant of the Beacon carnation which is affected with some disease or insects which I do not understand. Shortly after housing my carnations last summer, I noticed one plant on which the tips of the leaves were dry and yellow. I examined it closely and could find no insects. I thought then that it was caused by those little green caterpillars which hatch out sometimes in the young shoots, and which cause the tips, when they grow out, to turn yellow, but later I noticed it had spread to other plants. Then I found red spiders, which disappeared after spraying them a few times, but now I find it spread more and do not see any reason for it. L. A. G.

The specimen forwarded was badly affected with stigmonose, which no doubt was brought on by the attack of red spider. Do not propagate from any plants showing this disease and you will in course of time rid your stock of it. When propagating is done carelessly, this disease is quite destructive, as every cutting taken from an affected plant will be a diseased plant the next season.

There is also some fairy ring, which was perhaps brought on through the excessive syringing made necessary by the presence of the red spider. For this you should spray with Bordeaux mixture about once each week until you get it killed out. Paint a steam pipe with sulphur and lime and water, and ventilate freely. A. F. J. B.

CARNATION NIAGARA.

Reproduced herewith is a photograph of Carnation Niagara. This is the white seedling exhibited at Pittsburg before the American Carnation Society by E. G. Hill Co., Richmond, Ind. The variety resembles White Lawson in its general characteristics.

AMERICAN CARNATION SOCIETY

Geo. E. Buxton, Nashua, N. H., registers carnation Bon Ami, Queen x Lady Bountiful; pure white; size, three to three and one-half inches; strong, open growth; stem very stiff, twenty-four to thirty inches long; early and continuous bloomer and seldom splits. Also Granite State, Queen x Lady Bountiful; pure white; size, three to three and one-half inches; strong, upright growth, with no surplus grass; stem, thirty to thirty-six inches; seldom bursts; free bloomer.

The E. G. Hill Co., Richmond, Ind., registers Carnation Niagara, the Belle x unknown; pure white; size, three to three and one-half inches; a free grower, strong and healthy. A. F. J. BAUR, Sec'y.



STOCK FOR MEMORIAL DAY.

Could geraniums be brought into bloom by Memorial day grown outdoors in hotbeds or coldframes? What size plants should be bought, when should they be put outdoors, and what sort of treatment should they have? Can you name some in pink, white and scarlet that are stocky plants, growing to a medium height, and free flowering? I want them for a cemetery where tall growing geraniums will not do well on account of the heavy wind which usually sweeps over it. The soil is sandy, though I always make a large hole and fill it with first-class soil before the plants are set out. It is hot and they do not get an overabundance of water. I live in Portland, Me. B. M. R.

Purchase rooted cuttings or plants from 2-inch pots now and grow them in the greenhouse. If you depend on coldframes or hotbeds, it will not be safe to place the geraniums in the frames in your latitude before the middle of April. Use a foot of stable manure and leaves, well mixed and firmly tramped. Over this scatter a layer of three to four inches of fine cinders. Partially plunge the pots in this and they will grow splendidly. On the coldest nights they will need mats or board shutters for protection. As fine geraniums are grown in frames as in heated structures, but a little more care is needed in watering. In dark, damp weather use water sparingly.

Some good double bedding varieties are: S. A. Nutt, crimson scarlet; Alphonse Ricard, vermilion scarlet; Jean Viaud, rose pink, white throat; La Favorite, pure white; Mme. Landry, salmon apricot; Beaute Poitevine, light salmon. A few excellent singles are: Snowdrop, pure white; Jacquerie, crimson scarlet; Paul Crampel, brilliant scarlet; Dryden, soft crimson, white center; Granville, rose pink.
C. W.

GERANIUMS AND COLEUS.

Please tell me what causes my geranium leaves to turn brown at the ends and also what makes my coleus leaves fall off. The temperature of my house is 70 degrees in the daytime and about 60 degrees at night. The same trouble exists among all my varieties of geraniums and coleus.
A. Y.

Your house is much too warm for geraniums. Give them a temperature of 45 to 50 degrees at night and they will do much better. An insufficient water supply, lack of ventilation, unsuitable soil, or escaping coal gas in the house might each cause the trouble referred to. Avoid the use of all chemical fertilizers in the soil. In using animal manure, do not let it form over one-fourth of the compost and never use it unless old and well decayed. At the first potting no manure should be used.

The coleus should grow luxuriantly in the temperatures you name, if the soil, watering and other conditions are congenial. Coleus wants more water than geraniums and can scarcely be overwatered. Geraniums, on the other hand, must not be kept constantly damp at the root. C. W.

GERANIUM FOR NAME.

We are mailing you under separate cover a sample of geranium, which we wish you would tell us the correct name of. W. E. T.

We regret the flower and foliage were so withered as to be unrecognizable. Send another specimen and wrap some damp moss or cotton wool around the base of the stalk to help in keeping it fresh.
C. W.

RUST ON BEGONIA REX.

Will you kindly state what solution, if any, will cure rust on Rex begonias, or how to treat the plants to stop the progress of the disease? R. F. C.

We do not know of any spraying solution which will check the so-called rust on Begonia Rex. The browning of the leaves may be due to one of several causes, such as too strong sunlight, too low a temperature or dry root conditions. Rex begonias like a house where they are not exposed to direct sunlight. Such sun as we have in winter will not burn them, but our torrid summer sun will. They enjoy being sprayed overhead and it is an old fallacy that water on the foliage is harmful.

Grow your plants in a house which is shaded from strong sunlight. Keep them well watered and liberally fed with liquid stimulants, in a temperature anywhere from 50 to 60 degrees at night, and you should have no further trouble with the foliage browning. W. C.

SLEEPING IN A GREENHOUSE.

Can you please tell me what effect, if any, sleeping in a greenhouse would have on a human being? For instance, suppose a man is working part of the day and sleeping on a couch in the greenhouse at night, so as to look after the firing two or three times in the night, and the couch is alongside of 800 or 900 narcissi in bloom. Would the fragrance of the blossoms affect the sleeper in any way?
C. K.

There need be no more fear of injurious effects from working or sleeping in a greenhouse than in a factory or other building where the temperature and atmospheric conditions are similar, and so far as there being any danger from sleeping in a room with several hundred plants, it would be a benefit rather than likely to do harm, as during the day the plants will take up the carbon dioxide which has been given off by the man, thus purifying the air. Certain plants, like Primula obconica, appear to develop a poisonous principle which has an irritating effect upon the skin of some persons, but except for this I would not look for any injury from plants or from working or sleeping near them.



RAISED VS. SOLID BENCHES.

The authors of some of the recent articles appearing in the trade papers seem to be of the impression that a solid bench is unquestionably superior to the old-fashioned raised, board bench. Directions have been given for constructing the solid benches with cinders, etc. Soil, climate, the crops to be grown and the cost of construction must all be taken into consideration in debating this question.

Our own experience and conclusions may be of some use to the beginner. About fifteen years ago we constructed solid benches in some of our houses, by making 12-inch side boards filled with cinders, and on the top of this we placed our soil, thus raising the bench about eighteen inches above the walk.

In about nine houses we first filled in twelve inches of soil or cinders, and placed on top of this common drain tile, close together, using 3-inch, 4-inch and 5-inch tile. On top of this we put the side boards. In a number of the houses we retained the old board benches.

The result with just the common cinders for drainage was unsatisfactory with both roses and carnations. After two years' use they were discarded and tile were put over the cinders. After this change we noticed a marked improvement in the plants.

Though we were not satisfied that the tile construction was as good as the raised wood bench, we reasoned that as each house was wholly constructed with one kind of benches, the difference in crops might be accounted for by conditions other than the benches. Therefore we re-

moved from several all-tile-bench houses one entire bench and substituted a pecky cypress raised bench. This was done in both carnation and rose houses.

This winter White Killarney fills a house containing one tile bench and one raised wood bench. Bridesmaid is planted similarly. At the present time the crops on the wooden benches are decidedly the best. Each year the raised wooden bench makes the better showing until well into the spring. After that the tile bench has the advantage of the wood bench, and is more easily cared for.

If any person will take a bench of Killarney and, for six weeks during the winter, use a heating pipe under one side of the bench and not the other side, he will discover a decided improvement in the side that has received the heat, as compared with the other side. We are convinced, beyond question, that the grower who wants winter flowers should use the raised bench with heating pipes underneath, which he can use at any time.

Carnations present a different question, and we are still trying both makes of benches. We will not discard the tile benches, but will not build more at present.

I can understand that in a higher altitude, where the air is more rare and the evaporation is more rapid, or in a drier climate, experience might be different from ours. Even the soil might have certain ingredients that would make a difference. W. J. VESEY, JR.

VIBURNUM UTILE.

One of the new hardy plants from western China, which has this season been distributed in the trade by James Veitch & Sons, the well-known British firm, is Viburnum Utile, shown in the accompanying illustration. This is an evergreen species with ovate coriaceous leaves, dark glaborious green above and tomentose beneath. The flowers are white and freely produced in terminal corymbs. The time of flowering is early in April. Those who have seen the plant flowering in the Coombe Wood nursery of Veitch & Sons consider that the neat and bushy habit renders it a most desirable addition to the list of hardy flowering shrubs, and the Gardeners' Chronicle in a recent issue commented that "the glossy leaves, pure white flowers, floriferousness and neat appearance of this shrub will undoubtedly gain for it many admirers," when it becomes known. It has not hitherto been illustrated in America.



Viburnum Utile.

SEASONABLE SUGGESTIONS

Heliotropes.

It is always safe to propagate heliotrope plants liberally, for who is there with any garden who does not want at least one or two of them? There should now be a good batch of cuttings on the stock plants. These in three weeks, in a warm cutting bench, will be fit to pot off to 2½-inch pots. Given a later shift to 3-inch pots and pinched a couple of times, they will make fine, bushy stock for May sales. Propagation of heliotropes is timely right up to the middle of April. Nice little plants can be had rooted even that date.

Azaleas.

The azaleas for Easter should now be placed in a slightly warmer house. As a rule, six weeks in an average night temperature of 58 to 60 degrees will suffice to bring any of the naturally late varieties into bloom, but there are some sorts, such as Deutsche Perle, Mme. Petrick, Apollo and a few others, which will require but little forcing. It is always better to hurry them now, rather than later in the season, as a few days in a cold house before being sold makes them better fitted to withstand vicissitudes of temperature. Spray the plants over twice a day during the bright weather. Discontinue this as soon as the flowers begin to open. Pinch out any young growths the plants may make before flowering and never allow any of the bulbs to become dry.

Spiraeas.

Plants of Spiræa Japonica, grandiflora, Washington and astilboides should now be in a warm house and starting nicely. As they grow rapidly, see that they get a fresh stand every few days. The pots fill with roots quite fast, and as a consequence copious waterings are needed. As has been previously stated, it is safer not to use any tobacco smoke where spiræas are growing, their foliage being quite susceptible to injury.

Dutch Bulbous Stock.

It is a month too early to start narcissi, tulips and hyacinths for Easter. Let them remain where they are until early in March. Look over the flats and pans, and water any showing the least signs of dryness at the root. A batch of Gladiolus The Bride and Spanish iris should be housed once a week, to allow of a steady succession of spikes for cuttings, La Reine tulips, Golden Spur narcissi and other market favorites should be brought in every week.

Ten Weeks' Stocks.

From the middle to the end of February is a suitable time to sow a good

batch of ten weeks' stocks for flowering at Memorial day. The choicer the strain, the less liability there will be of an overwhelming preponderance of singles. White, lavender, blue and scarlet are the most desirable colors to grow. Sow the seed in a warm house, but remove to cooler quarters soon after germination. Stocks, if grown warm, will be lanky and valueless. At all stages of growth they want cool treatment and an abundance of fresh air.

Lilium Candidum.

The Madonna lily is less of a factor now at Easter than some years ago. This is largely due to the growers purchasing the old and worthless type, which makes big bulbs and has narrow foliage, weak stems and poor flowers. The broad-leaved variety is so superior to the other type that no one who has once grown it will ever want to see the other again. If you can see the buds peeping in the ends of the shoots of your candidums by February 20, you can have them in flower by giving them an average night temperature of 60 degrees. This is rather warm treatment for this lily, but as Easter comes unusually early, it is necessary to subject it to harder forcing than usual. Feed the plants liberally, as they are stronger rooting subjects than the longiflorums. Do not allow any aphis to get a foothold on the plants. A spraying with a nicotine solution once a week will keep these pests in the background.

Genistas.

Genistas do not take kindly to forcing. The cooler they are grown the better. Presuming that the plants wanted for Easter have been stored in a cold cellar or pit and kept just clear of freezing, they should be moved into a cool greenhouse about February 15. They will not require a higher night temperature than 45 degrees. The warmer they are grown, the more speedily will the flowers shake off and fade. They can hardly be overwatered, and it is important that there be no opportunity for them to dry out, as one thorough drying means that the plants might just as well be thrown on the rubbish heap.

Ficus Elastica.

If there are any old plants of Ficus elastica carrying an abundance of cuttings, it is a good time now to root a number of them. A month ago would have been even better, but with a good bottom heat possible for some weeks yet, there will be no trouble in rooting them. A good plan is to put each cutting in a 2-inch or 2½-inch pot, filled with sphagnum and sand. Tie up the leaves, so that they will go closer in the propagating bed. Plunge to the brim in sand. Soak well and keep watered right along. Of course there should be no sun allowed to strike them, and the brisker the bottom heat the quicker they will root. In summer the ringing method of propagation is to be preferred, but at this season we find the other plan better and we lose very few cuttings. Choose the warmest part of the propagating bench and do not be afraid to keep it well soaked with water.

Adiantums.

It is a good plan, when the fronds have been pretty well cleaned off any of the adiantum plants, to cut off the balance and keep the pots tolerably dry for two or three weeks. A rest always makes them start away more vigorously and any repotting required can be done during the resting period. A favorite practice is to divide the plants when they have become unwieldy. We have never found that these divisions make nearly so good plants as such as are grown from seedlings. It is a mistake to suppose that peat in any form is required for adiantums. They grow far better in good fibrous loam to which has been added some leaf-mold, spent hotbed manure and sand, and when the pots are well filled with roots a watering with cow or sheep manure once in eight or ten days will greatly benefit them. These remarks refer principally to A. cuneatum, A. gracillimum, A. hybridum and that useful variety, A. Croweanum.

Show Pelargoniums.

With the lengthening days and increased solar heat, show pelargoniums are making rapid headway and will require quite frequent spacing. Unless wanted in flower late, pinching should now be discontinued. Potting should be attended to. It is not a good plan to permit the plants to become potbound before shifting them. It is surprising how speedily they will get into that condition, unless carefully watched. For a final potting, a compost containing two-thirds turfy loam, one-third old cow manure and a 4-inch pot of fine bone to each two bushels of soil, answers well. Drain efficiently and ram the soil in the pots firmly. Grow cool and airy. Spray once a week with a nicotine solution, and you should have some splendid plants for May sales. Do not do any propagating now; the proper time is in August.

TEXAS HANDICAPS FLORISTS.

Restricts Supplies of Its Citizens.

The Commissioner of Agriculture of the State of Texas, that great commonwealth in which all-wise solons once passed a law decreeing that railroad trains must under no circumstances be more than a half hour late, has undertaken the enforcing of a legislative enactment which will put the florists of the state to great inconvenience. The law, in brief, is interpreted to provide that shipments of greenhouse plants originating outside the State can not be admitted to the State unless the shipper has first filed with the Texas authorities a certificate of inspection and paid a license fee of $5.

The florists in the State of Texas never have been able to grow all the stock they need, and doubtless never will be able to make supply fit the varying demand, any more than the florists of other States are able to do, and the effect of the law as interpreted will be to handicap the citizens of the State, rather than to help or protect them.

The act in question is the Orchard and Nursery Inspection Law, passed March 11, 1909, but it is only recently that attempt has been made to enforce its provisions as against florists. Now those who ship greenhouse plants from outside of Texas to florists in that State receive letters from the Commissioner of Agriculture similar to the following:

Information has come to this office that you have made a shipment of floral plants, or nursery stock, to Texas, without shipping tag showing a printed copy of the Texas permit authorizing you to transact business in this state.

I am enclosing you a copy of the Texas Orchard and Nursery Inspection Law, which you will please read carefully.

I beg to advise you that any further shipments received in this state will be held up subject to inspection. All express agents have been notified to that effect, and any such inspection will cost a local inspection fee in addition to the fee required for taking out permit in this state.

Please read the law carefully and you will ascertain exactly what is necessary for you to do to comply with our law.

Awaiting your prompt and early reply before taking further steps with reference to your previous shipments, I beg to remain most truly yours,

ED. R. KO[illegible].

The paragraphs of the law which bear on the florists of the country, but more especially on those of the State of Texas, are as follows:

Section 3. No individual, partnership or corporation outside the state shall be permitted to ship nursery stock into this state without first filing with the Commissioner of Agriculture a certified copy of his or their certificate of inspection issued by the proper authorities in the state in which the proposed shipment originates. This certificate must show that the stock to be shipped has been examined by the proper officers of inspection in that State or province, and that the stock is apparently free from all dangerous insect pests or contagious disease; and that when fumigation is required by the Commissioner of Agriculture, that the stock shall be properly fumigated. Immediately upon receipt of the filing with the Commissioner of Agriculture of this certificate, he shall, in addition, make such further investigation as to the moral standing and integrity of the applicant as will satisfy him that the applicant is entitled to receive a certificate. A fee of $5 shall be required from the applicant, upon receipt of which the Commissioner of Agriculture may issue a certificate permitting the applicant to ship into the State. Each box, bale or package of nursery stock from outside the State shall bear a tag on which is printed a copy of the certificate of this State, and also a copy of the certificate of the State in which it originates.

Another section is held to class greenhouse plants as nursery stock. It is as follows:

Section 8. The term, "nursery stock," within the meaning of this act, shall include all fruit trees and vines; shade trees and forest trees, whether such shade or forest trees be especially grown for sale in a nursery, or taken from the forests and offered for sale; all scions, seedlings or propagation stock; all classes of berry plants, roses, evergreens, shrubbery or ornamentals, also such greenhouse plants, cut flowers taken from plants, bushes, shrubs or other trees growing in this State, which may be a medium for disseminating injurious insect pests and contagious diseases.

The commissioner thinks the law is plain as defining greenhouse plants as nursery stock, but he has not yet read the law as declaring that cut flowers are nursery stock, although the words "cut flowers" immediately follow the words "greenhouse plants" in Section 8. The meaning of the law is somewhat obscured by its phraseology, but it seems questionable if the courts would uphold the commissioner's interpretation. Even the commissioner does not consider the possibility of cut flower shipments harboring injurious insects as warranting requiring their certification, even if the words do appear in the law, and it is open to question if greenhouse plants ever were known to carry insects sufficiently injurious or diseases sufficiently contagious to bring them within the meaning of a statute designed to protect a State against San Jose scale. As a matter of fact, some of the leading States of the Union, floriculturally speaking, do not inspect greenhouses or consider any of the insect pests or diseases of greenhouse plants as of sufficient importance to require legislation against their spread.

But a test of the Texas law, or its interpretation, if ever made, will have to be instituted by the florists of Texas rather than by outsiders. Few florists ship enough greenhouse plants to Texas to make it worth while for them to take out a Texas license, even at the small cost of $5—all that the most of them will do is to require cash in advance on all shipments to Texas and let the customer in Texas fight it out with the local authorities.



New York and New Jersey Plant Growers' Association Dinner, Hotel Astor, New York, February 2, 1910.

NEW YORK.

The Market.

The week opens with zero weather, the coldest of the season. Values fell gradually last week, but the market cleaned up daily. No special events relieved the monotony of the week, but for the last two days before Lent begins several dinners, receptions and society weddings were listed.

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batch of ten weeks' stocks for flowering at Memorial day. The choicer the strain, the less liability there will be of an overwhelming preponderance of singles. White, lavender, blue and scarlet are the most desirable colors to grow. Sow the seed in a warm house, but remove to cooler quarters soon after germination. Stocks, if grown warm, will be lanky and valueless. At all stages of growth they want cool treatment and an abundance of fresh air.

Lilium Candidum.

The Madonna lily is less of a factor now at Easter than some years ago. This is largely due to the growers purchasing the old and worthless type, which makes big bulbs and has narrow foliage, weak stems and poor flowers. The broad-leaved variety is so superior to the other type that no one who has once grown it will ever want to see the other again. If you can see the buds peeping in the ends of the shoots of your candidums by February 20, you can have them in flower by giving them an average night temperature of 60 degrees. This is rather warm treatment for this lily, but as Easter comes unusually early, it is necessary to subject it to harder forcing than usual. Feed the plants liberally, as they are stronger rooting subjects than the longiflorums. Do not allow any aphis to get a foothold on the plants. A spraying with a nicotine solution once a week will keep these pests in the background.

Genistas.

Genistas do not take kindly to forcing. The cooler they are grown the better. Presuming that the plants wanted for Easter have been stored in a cold cellar or pit and kept just clear of freezing, they should be moved into a cool greenhouse about February 15. They will not require a higher night temperature than 45 degrees. The warmer they are grown, the more speedily will the flowers shake off and fade. They can hardly be overwatered, and it is important that there be no opportunity for them to dry out, as one thorough drying means that the plants might just as well be thrown on the rubbish heap.

Ficus Elastica.

If there are any old plants of Ficus elastica carrying an abundance of cuttings, it is a good time now to root a number of them. A month ago would have been even better, but with a good bottom heat possible for some weeks yet, there will be no trouble in rooting them. A good plan is to put each cutting in a 2-inch or 2½-inch pot, filled with sphagnum and sand. Tie up the leaves, so that they will go closer in the propagating box. Plunge to the brim in sand. Soak well and keep watered right along. Of course there should be no standing allowed to strike them, and the brisker the bottom heat the quicker they will root. In summer the ringing method of propagation is to be preferred, but at this season we find the other plan better and we use very few cuttings. Choose the warmest part of the propagating bench and do not be afraid to keep it well soaked with water.

Adiantums.

It is a good plan, when the fronds have been pretty well cleaned off any of the adiantum plants, to cut off the balance and keep the pots tolerably dry for two or three weeks. A rest always makes them start away more vigorously and any repotting required can be done during the resting period. A favorite practice is to divide the plants when they have become unwieldy. We have never found that these divisions make nearly so good plants as such as are grown from seedlings. It is a mistake to suppose that peat in any form is required for adiantums. They grow far better in good fibrous loam to which has been added some leaf-mold, spent hotbed manure and sand, and when the pots are well filled with roots a watering with cow or sheep manure once in eight or ten days will greatly benefit them. These remarks refer principally to A. cuneatum, A. gracillimum, A. hybridum and that useful variety, A. Croweanum.

Show Pelargoniums.

With the lengthening days and increased solar heat, show pelargoniums are making rapid headway and will require quite frequent spacing. Unless wanted in flower late, pinching should now be discontinued. Potting should be attended to. It is not a good plan to permit the plants to become potbound before shifting them. It is surprising how speedily they will get into that condition, unless carefully watched. For a final potting, a compost containing two-thirds turfy loam, one-third old cow manure and a 4-inch pot of fine bone to each two bushels of soil, answers well. Drain efficiently and ram the soil in the pots firmly. Grow cool and airy. Spray once a week with a nicotine solution, and you should have some splendid plants for May sales. Do not do any propagating now; the proper time is in August.

TEXAS HANDICAPS FLORISTS.

Restricts Supplies of Its Citizens.

The Commissioner of Agriculture of the State of Texas, that great commonwealth in which all-wise solons once passed a law decreeing that railroad trains must under no circumstances be more than a half hour late, has undertaken the enforcing of a legislative enactment which will put the florists of the state to great inconvenience. The law, in brief, is interpreted to provide that shipments of greenhouse plants originating outside the State can not be admitted to the State unless the shipper has first filed with the Texas authorities a certificate of inspection and paid a license fee of $5.

The florists in the State of Texas never have been able to grow all the stock they need, and doubtless never will be able to make supply fit the varying demand, any more than the florists of other States are able to do, and the effect of the law as interpreted will be to handicap the citizens of the State, rather than to help or protect them.

The act in question is the Orchard and Nursery Inspection Law, passed March 11, 1909, but it is only recently that attempt has been made to enforce its provisions as against florists. Now those who ship greenhouse plants from outside of Texas to florists in that State receive letters from the Commissioner of Agriculture similar to the following:

> Information has come to this office that you have made a shipment of floral plants, or nursery stock to Texas, without shipping tag showing a printed copy of the Texas permit authorizing you to transact business in this state.
>
> I am enclosing you a copy of the Texas Orchard and Nursery Inspection Law, which you will please read carefully.
>
> I beg to advise you that any further shipments received in this state will be held subject to inspection. All express agents have been notified to that effect, and any such action will cost a local inspection fee in addition to the fee required for taking out permit in state.
>
> Please read the law carefully and advise us ascertain exactly what is necessary to be done to comply with our law.
>
> Awaiting your prompt and early reply before taking further steps with reference to your previous shipments, I beg to remain most truly yours.
>
> ED. R. KE

The paragraphs of the law which bear on the florists of the country, but more especially on those of the State of Texas are as follows:

> Section 3. No individual, partnership, corporation outside the state shall be permitted to ship nursery stock into this state without first filing with the Commissioner of Agriculture a certified copy of his or their certificate of inspection issued by the proper authorities of the state in which the proposed shipment originates. This certificate must show that the stock to be shipped has been examined by the proper officers of inspection in that State, province, and that the stock is apparently free from all dangerous insect pests or contagious disease; and that when fumigation is required by the Commissioner of Agriculture, that the stock shall be properly fumigated. Immediately upon receipt of the filing with the Commissioner of Agriculture of this certificate, he shall in addition, make such further investigation as to the moral standing and integrity of the applicant as will satisfy him that the applicant is entitled to receive a certificate. A fee of $5 shall be required from the applicant, upon receipt of which the Commissioner of Agriculture shall issue a certificate permitting the applicant to ship into the State. Each box, bale or package of nursery stock from outside the State shall bear a tag on which is printed a copy of the certificate of this State, and also a copy of the certificate of the State in which it originates.

Another section is held to class greenhouse plants as nursery stock. It reads as follows:

> Section 8. The term "nursery stock," within the meaning of this act, shall include all species of trees and vines; shade trees and forest trees, whether such shade or forest trees be especially grown for sale in a nursery, or taken from the forests and offered for sale; all scions, seedlings or propagation stock; all classes of berry plants, roses, evergreens, shrubbery or ornamentals, such greenhouse plants, cut flowers taken from plants, bushes, shrubs or other trees grown in this State, which may be a medium for disseminating injurious insect pests and contagious diseases.

The commissioner thinks the law plain as defining greenhouse plants as nursery stock, but he has not yet read the law as declaring that cut flowers are nursery stock, although the words "cut flowers" immediately follow the words "greenhouse plants" in Section 8. The meaning of the law is somewhat obscure by its phraseology, but it seems questionable if the courts would uphold the commissioner's interpretation. Even the commissioner does not consider the possibility of cut flower shipments harboring injurious insects as warranting requiring their certification, even if the words appear in the law, and it is open to question if greenhouse plants ever are known to carry insects sufficiently injurious or diseases sufficiently contagious to bring them within the meaning of the statute designed to protect against San Jose scale. As a matter of fact, some of the leading States of the Union, floriculturally speaking, do not inspect greenhouses or consider any of the insect pests or diseases of greenhouse plants as of sufficient importance to require legislation against their spread.

But a test of the Texas law, or its interpretation, if ever made, will have to be instituted by the florists of Texas rather than by outsiders. Few florists ship enough greenhouse plants to Texas to make it worth while for them to take out a Texas license, even at the small cost of $5, all that the most of them will do is to require cash in advance on all shipments to Texas and let the customer in Texas fight it out with the State authorities.



New York and New Jersey Plant Growers' Association Dinner, Hotel Astor, New York, February 2, 1910.

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ent center the activities that have dominated and developed for a quarter of a century in this important department of the florists' business.

Mr. Hunter, for many years with J. H. Small & Sons, New York, and formerly in the wholesale business with Mr. Hammond, was run over February 4 by an automobile. A rib was broken and he was badly shaken, but is progressing nicely towards recovery.

George Saltford has been serving his country on jury for the last three weeks. Interesting cases, involving all manner of crimes, make a return to the wholesale flower business seem like a rest.

Flowers are being suggested in many of the florists' retail windows for St. Valentine's day. Heart-shaped boxes are the principal kind to be used. The custom of sending flowers on that day is growing rapidly.

John A. Foley, of Lecakes & Co., has added another wagon to his express enterprise.

Myer Othile, of A. J. Guttman's staff, celebrated his thirty-first birthday Saturday, February 5. He is now one of the veterans.

G. E. Bradshaw has gone up higher in the Coogan building, to the second floor. B. S. Slinn, Jr., needs all of his big store for his violet shipments.

The last reports from John Reimels, who was taken suddenly ill at Pittsburg, are encouraging, and his full recovery is assured.

Charles A. Krick is now proprietor of the business of the late W. C. Krick, Brooklyn, having purchased the interest of his mother. Mrs. Krick starts in a few days for a visit among relatives in southern California.

J. Austin Shaw.

KANSAS CITY.

The Market.

Good roses are not plentiful and American Beauties are scarce. Carnations are abundant but prices are good, from $3 to $4 per hundred. Narcissi are plentiful but Roman hyacinths are scarce. Daffodils and jonquils are making their appearance and sell well. Tulips are not very plentiful. There are quite a few violets on the market and they meet with ready sale.

Azaleas seem to be a glut and the demand after Christmas seems to be getting less every year. Primroses are selling well at 50 cents a pot, but cyclamens seem to go rather slow.

Funeral work is keeping up well and some of the florists have as much at times as they can handle. The weather has been fine, with good sunshine, and all stock is taking on a better hue.

Various Notes.

The Wm. L. Rock Flower Co. greenhouses are a pretty sight. The carnations are in full crop.

James Payne's show window was well decorated last week. His Primula obconicas seem to be perfection.

There is a rumor that in the near future there will be built a large plant to raise cut flowers for the Kansas City market. All we can say is that there is room for such a place that can grow first-class stock and can furnish it when needed.

The Geo. M. Kellogg Flower & Plant Co. is established in its new quarters at 1123 Grand avenue. It is a large room and the new fixtures are fine. The location is more central and the manager is catering for more retail business.

Your correspondent made a visit to the W. A. Rule farm, which is located a mile and a half south of a small town named Dodson, a suburb of Kansas City. There are 240 acres in this farm. Ed Pratt, formerly a florist of this city, is superintendent. He has built three large greenhouses, one 30x250 and two 28x250, heated by steam. Everything is up to date. Mr. Pratt is growing one house in tomatoes, which are eight feet tall, grown to single stem, and there are about 2,000 plants in this house, loaded with fruit from the bottom to the top. He is now picking ripe tomatoes, from fifty to 120 pounds a day, and brings them to the city in an automobile. The present price is 20 cents a pound, wholesale. He also has part of one house in sweet peas, in full bloom ever since Christmas. He picks from 2,000 to 3,000 a day. One florist takes them all at 75 cents per hundred. Part of this house is in leaf lettuce and beets. The third house is in head lettuce, which is fine. His stock plants of mums are looking well and he expects to plant about 25,000 for the Kansas City market. He has plans drawn for a large violet house which will be built this summer. He also expects to plant a large lot of snapdragon for cut flowers. They have an abundance of water, a large lake within 150 feet of the greenhouses. There are five acres of water in this lake, which is stocked with fine fish. There is a boathouse with a gasoline launch to use in the summer, also a bath house. A steam pump stands on the shore that forces the water to a big reservoir upon a hill ninety-five feet above the lake. The water for the greenhouses is taken from this and the force on the water is good. They have also a garage for three automobiles, next to the boiler room, heated by steam. All bunching and packing is done in this large room, which has a cement floor. The soil on this farm is excellent. Mr. Pratt attends to the marketing of the output and his foreman, Walter Bridges, oversees all of the work and men. They have six men at present. A large ice house by the lake contains 8,000 tons of ice twelve inches thick.

W. H. H.

AMERICAN ROSE SOCIETY.

The executive committee and other members of the American Rose Society have held two conferences in New York in regard to the details of the coming rose show. The total amount of prizes offered in the schedule reaches some $1,500. In conjunction with the rose show the Horticultural Society of New York has a preliminary prize schedule, the total of which comes to $700.

S. S. Pennock-Meehan Co., Philadelphia, offers a special prize of $25 to be awarded in the discretion of the committee.

Moore, Hentz & Nash, New York, offer a silver cup valued at $50 for the best six roses, two to be white and four to be red, pink or yellow, American Beauties excepted.

Wm. F. Kasting Co., Buffalo, offers a prize of $25 wherever it can be best used.

The Toronto Horticultural Society offers its silver and bronze medals.

Arthur T. Boddington, New York, offers a cash prize of $25.

Stumpp & Walter Co., New York, offers a special prize, for private gardeners only, for twenty-five Richmond roses, $10 and $5.

A valuable paper is being prepared by W. S. Sibson upon northern Pacific coast roses.

The Horticultural Society of New York will issue jointly with the American Rose Society the Preliminary Prize List and rules within a few days. Joseph A. Manda has been appointed superintendent of exhibits.

AMONG BOSTON GROWERS.

Backer & Co., of Billerica, are among the best known of the carnation specialists shipping their cut to the Boston market. Their new scarlet seedling, Red Prince (Manley x Queen), was carrying a tremendous crop when seen, but E. T. Wheeler, of the firm, said it was off crop as compared with Christmas. It has a long, wiry stem and is of clear scarlet color. A seedling with some Prosperity blood in it is grown in quantity. It has some color in midwinter, but comes pure white later. It has an ideal stem and is fragrant. Outside of a tendency to split at times, it would seem to be a valuable thing. While the greater part of the bench space is devoted to home raised seedlings, Variegated Lawson, Winsor, Ruby, May Day, Pink Delight, Beacon and other standard sorts are also grown. The grower, Gustave Thommen, believes there is a good field open in the hybridization as against cross fertilization of carnations, and is intending to follow this upon the same lines as A. C. Zvolanek in producing his winter race of sweet peas. With this object in view, he has procured seeds from Italy, Germany, France and Spain of various species of dianthus which he intends to work with. Many of these are now almost in flower, and it will be possible to start hybridization soon. The getting away from the constant in-breeding and the infusion of other blood is an interesting experiment, the results of which will be watched with much interest.

L. E. Small, of Tewksbury, has a nice house of sweet peas, from which he has been cutting since August, the variety Mrs. A. Wallace being specially good. A house of Carnation Fair Maid looked well. Winsor, Fenn, Beacon, Queen and White Fair Maid are also grown. A bench of Dimorphotheca aurantiaca was just coming into flower, and its beautiful orange flowers should sell well. Single and double violets and marguerites are also grown here.

At Albert Roper's, Fair Maid, one of Mr. Roper's introductions, fills two houses and is found a paying sort. This variety, carried over two years in the same benches, has netted $1.50 and $1 per plant, a record which would be hard to beat. Considerable space is devoted to the new scarlet seedling, William Penn. It has been Mr. Roper's intention to disseminate this variety in 1910 but some stem-rot showed itself, and unless this has disappeared by another season it will not be sent out. Several long benches are planted with Bay State, sent out in 1909 and winner of the gold medal at the last convention of the American Carnation Society. One or two other seedlings are grown in quantity, while a bench containing a considerable number of new seedlings is interesting. Some have the earmarks of good things.

Forest City, Ia.—Willard Secor, of the Hill City Greenhouses, is vice-president general of the National Society of the Sons of the American Revolution.

Preliminary Premium List, Second National Flower Show, Boston, Spring, 1911.

FLOWERING PLANTS. MISCELLANEOUS.	1st	2nd	3rd
Acacias, best 18 plants, not less than 4 vars.	$ 60.00	$ 40.00	.....
Acacias, best 6 plants, not less than 3 vars.	30.00	20.00	.....
Acacias, best 3 plants, one or more vars.	20.00	15.00	.....
Acacia pubescens, best specimen plants	25.00	15.00	.....
Acacia paradoxa, best specimen plants	15.00	10.00	.....
Acacia, any other species or var., best specimen	15.00	10.00	.....
Allamanda, best specimen plant, any variety	15.00	10.00	.....
Amaryllis, best 36 plants, not less than 18 vars.	35.00	25.00	.....
Amaryllis, best 12 plants, not less than 9 vars.	15.00	10.00	.....
Anthurium, best 6 plants, not less than 3 vars.	25.00	15.00	.....
Anthurium, best specimen plant	10.00	5.00	.....
Antirrhinum, best 12 plants in variety	10.00	5.00	.....
Azalea Indica, best 24 plants, not less than 6 vars.	75.00	50.00	.....
Azalea Indica, best 12 plants, not less than 6 vars.	50.00	30.00	.....
Azalea Indica, best 6 plants, not less than 3 vars.	25.00	15.00	$ 10.00
Azalea Indica, best 3 plants, not less than 3 vars.	15.00	10.00	5.00
Azalea Indica, best specimen plant, pink or rose	15.00	10.00	5.00
Azalea Indica, best specimen plant, white	15.00	10.00	5.00
Azalea Indica, best specimen plant, any other color	15.00	10.00	5.00
Azalea mollis, best 12 plants, not less than 4 colors	25.00	15.00	.....
Azalea pontica or rustica, 12, not less than 4 vars.	25.00	15.00	.....
Begonia Gloire de Lorraine, best 6 plants	15.00	10.00	.....
Begonias, flowering, best 6 plants, 6 vars.	15.00	10.00	.....
Boronia, best 6 plants, not less than 2 vars.	15.00	10.00	.....
Bougainvillea, best 6 plants	25.00	15.00	.....
Bougainvillea, best specimen plant	15.00	10.00	5.00
Calceolaria, shrubby, best 6 plants	15.00	10.00	.....
Calceolaria hybrida, best 6 plants	15.00	10.00	.....
Camellias, best 12 plants, not less than 6 vars.	35.00	25.00	.....
Camellias, best 6 plants, not less than 3 vars.	25.00	15.00	10.00
Camellias, best specimen plant	25.00	15.00	10.00
Carnations, best 12 plants in pots	15.00	10.00	.....
Cineraria hybrida, best 6 plants	15.00	10.00	5.00
Cineraria stellata, best 6 plants	15.00	10.00	5.00
Clerodendron, best specimen plant	15.00	10.00	5.00
Crassula coccinea, best 3 plants	15.00	10.00	.....
Cyclamens, best 36 plants	50.00	30.00	.....
Cyclamens, best 12 plants	20.00	15.00	10.00
Chorizema, best 4 plants	25.00	15.00	.....
Chorizema, best specimen plant	15.00	10.00	.....
Ericas, best 24 plants, not less than 6 vars.	50.00	30.00	.....
Ericas, best 6 plants, not less than 3 vars.	20.00	15.00	.....
Erica melanthera, best 6 plants	20.00	15.00	.....
Ericas, any species, best specimen plant	15.00	10.00	.....
Flowering shrubs, best 12 plants, standard or tree form, not less than 6 vars.	30.00	20.00	.....
Fuchsias, best 6 plants, not less than 6 vars.	15.00	10.00	.....
Fuchsias, best specimen plant	10.00	5.00	.....
Gardenias, best 6 plants	15.00	10.00	.....
Gardenias, best specimen plant	10.00	5.00	.....
Genistas, best 12 plants	35.00	25.00	.....
Genistas, best 6 plants	20.00	15.00	10.00
Genistas, best specimen plant	15.00	10.00	5.00
Flowering Plants, best group arranged for effect, with palms and other foliage plants, to cover not less than 200 square feet	100.00	75.00	.....
Forced Shrubs, best group forced shrubs and herbaceous plants (hardy trees and vines admissible), arranged for effect, to cover not less than 200 square feet	100.00	75.00	.....
Hydrangeas, best 12 plants, not less than 3 vars.	35.00	25.00	.....
Hydrangeas, best 6 plants, not less than 2 vars.	25.00	15.00	.....
Hydrangeas, best specimen plant	15.00	10.00	5.00
Lilacs, best 12 plants, not less than 3 vars.	25.00	15.00	.....
Lilacs, best 3 plants, one or more vars.	10.00	5.00	.....
Marguerites, best 6 plants, not less than 2 vars.	15.00	10.00	.....
Marguerites, best 3 plants	10.00	5.00	.....
Marguerites, best specimen plant	5.00	3.00	2.00
Rhododendrons, best 24 plants, not less than 6 vars.	60.00	40.00	.....
Rhododendrons, best 12 plants, not less than 3 vars.	30.00	20.00	.....
Rhododendrons, best specimen plant, red or crimson	25.00	15.00	10.00
Rhododendrons, best specimen plant, pink or lavender	25.00	15.00	10.00
Rhododendrons, best plant, white or nearly white.	25.00	15.00	10.00
Rhynchospermum, best specimen plant	15.00	10.00	5.00
Spiræa, or Astilbe, 12 plants, not less than 3 vars.	15.00	10.00	.....
Wistaria, best specimen plant	10.00	5.00	.....
Geraniums, best 12 plants, not less than 12 vars.	15.00	10.00	.....
Primula Kewensis, best 12 plants	10.00	6.00	4.00
Primula obconica, best 12 plants	10.00	6.00	4.00
Primulas, best 24 plants, not less than 6 species.	15.00	10.00	.....
Schizanthus, best 6 plants	10.00	5.00	.....

FLOWERING PLANTS. BULBS.	1st	2nd	3rd
Hyacinths, best 8 10-inch pans, distinct vars.	$ 25.00	$ 15.00	$ 10.00
Hyacinths, best 3 10-inch pans, white	10.00	6.00	4.00
Hyacinths, best 3 10-inch pans, pink or red	10.00	6.00	4.00
Hyacinths, best 3 10-inch pans, light blue	10.00	6.00	4.00
Hyacinths, best 3 10-inch pans, dark blue	10.00	6.00	4.00
Hyacinths, best 50 single pots, not less than 12 vars.	25.00	15.00	10.00
Lilies, best display to cover not less than 100 square feet. Foliage plants may be used for effective arrangement	50.00	30.00	.....
Narcissus, Large Trumpet, 12 10-in. pans in 12 vars.	20.00	15.00	10.00
Narcissus, Short or Medium Trumpet, best 12 10-inch pans, 12 vars.	15.00	10.00	5.00
Narcissus, best 3 10-inch pans, Glory of Leiden	5.00	3.00	2.00
Narcissus, best 3 10-inch pans, Bicolor or Victoria.	5.00	3.00	2.00
Narcissus, best 3 10-inch pans, Empress	5.00	3.00	2.00
Narcissus, best 3 10-inch pans, Emperor	5.00	3.00	2.00
Narcissus, best 3 10-inch pans, Golden Spur	5.00	3.00	2.00
Narcissus, best 3 10-inch pans, double Von Sion	5.00	3.00	2.00
Narcissus, best 3 10-inch pans, any other double	5.00	3.00	2.00
Tulips, Early Single, 15 10-inch pans, distinct vars.	20.00	15.00	10.00
Tulips, Early Single, 8 10-inch pans, distinct vars.	15.00	10.00	5.00
Tulips, Early Single, best 3 10-inch pans, white	5.00	3.00	2.00
Tulips, Early Single, best 3 10-inch pans, pink	5.00	3.00	2.00
Tulips, Early Single, best 3 10-inch pans, scarlet or crimson	5.00	3.00	2.00
Tulips, Early Single, best 3 10-inch pans, yellow.	5.00	3.00	2.00
Tulips, Early Single, 3 10-in. pans, any other color.	5.00	3.00	2.00
Tulips, Early Double, best 6 10-inch pans, not less than 3 vars.	15.00	10.00	5.00
Tulips, Darwin, best 12 10-inch pans, 12 vars.	20.00	15.00	10.00
Tulips, Cottage or Late, other than Darwin, best 12 10-inch pans, 12 vars.	15.00	10.00	5.00
Miscellaneous Bulbs, best collection, arranged for effect, other foliage plants admissible, to cover not less than 150 square feet	50.00	30.00	.....

FLOWERING PLANTS. ORCHIDS.	1st	2nd	3rd
Orchids, best collection, arranged with foliage plants for effect, to cover not less than 100 square feet. For commercial growers only	$100.00	$ 75.00	$ 50.00
Orchids, collection, 12 plants, 12 distinct vars.	50.00	30.00	.....

FLOWERING PLANTS. ORCHIDS—Continued.	1st	2nd	3rd
Orchids, best collection, arranged with foliage plants for effect, to cover not less than 100 square feet. For non-commercial growers only.	$100.00	$ 75.00	$ 50.00
Cattleya Trianæ, best specimen plant	25.00	15.00	10.00
Cattleya Schroederæ, best specimen plant	25.00	15.00	10.00
Cattleya, any other variety, best specimen plant.	25.00	15.00	10.00
Cypripedium, best collection, not less than 25 vars.	50.00	30.00	.....
Cypripedium, best 6 plants, 6 vars.	25.00	15.00	.....
Cypripedium, best specimen, any var.	10.00	5.00	.....
Calanthe, best 6 plants in variety	15.00	10.00	.....
Cœlogyne, best 6 plants	25.00	15.00	.....
Cœlogyne, best specimen plant	15.00	10.00	.....
Dendrobiums, best 12 plants, 12 vars.	25.00	15.00	.....
Dendrobium nobile, best specimen plant	10.00	5.00	.....
Dendrobium Wardianum, best specimen plant	10.00	5.00	.....
Dendrobium, best specimen plant, any other var.	10.00	5.00	.....
Hybrid Orchid, best plant raised in this country	15.00	10.00	.....
Lælia anceps, best specimen plant	10.00	5.00	.....
Lælia anceps alba, best specimen plant	10.00	5.00	.....
Lælia, best specimen plant, any other var.	10.00	5.00	.....
Odontoglossum, best specimen plant, any var.	10.00	5.00	.....
Oncidium, best specimen plant, any var.	10.00	5.00	.....
Phalænopsis, best specimen plant, any var.	10.00	5.00	.....
Vanda, best specimen plant, any var.	10.00	5.00	.....

FLOWERING PLANTS. ROSES.	1st	2nd
Best display in pots or tubs, any or all classes, to occupy not less than 300 square feet, arranged for effect	$200.00	$150.00
Best 12 climbing or rambling, 6 or more vars.	60.00	40.00
Best 6 climbing or rambling, 3 or more vars.	30.00	20.00
Best Crimson Rambler, specimen plant	10.00	5.00
Best Lady Gay, specimen plant	10.00	5.00
Best Dorothy Perkins, specimen plant	10.00	5.00
Best Trausendschon, specimen plant	10.00	5.00
Best Debutante, specimen plant	10.00	5.00
Best Hiawatha, specimen plant	10.00	5.00
Best climbing, any other var., specimen	10.00	5.00
Best Baby Rambler, crimson, 6 plants	10.00	5.00
Best Baby Rambler, pink, 6 plants	10.00	5.00
Best Baby Rambler, white, 6 plants	10.00	5.00
Best collection of hybrid perpetuals, not less than 15 plants, not less than 6 vars.	25.00	15.00
Best collection of standard or tree roses, 12 or more plants, 6 or more vars.	25.00	15.00

FERNS.	1st	2nd	3rd
Adiantum Farleyense, best specimen	$ 5.00	$ 3.00	$ 2.00
Adiantum cuneatum or its var., best specimen	5.00	3.00	2.00
Adiantum, best specimen, any other var.	5.00	3.00	2.00
Aspidium, best specimen	10.00	6.00	4.00
Cibotium Schiedei, best specimen	20.00	15.00	10.00
Davallia, best specimen, any var.	15.00	10.00	5.00
Gleichenia, best specimen	10.00	6.00	4.00
Nephrolepis exaltata and its vars., best display, one of each, pots not to exceed 8 inches in diam.	25.00	15.00	10.00
Nephrolepis Bostoniensis, best specimen	10.00	6.00	4.00
Nephrolepis Scottii, best specimen	5.00	3.00	2.00
Nephrolepis Piersoni, best specimen	10.00	6.00	4.00
Nephrolepis Piersoni elegantissima, best specimen.	5.00	3.00	2.00
Nephrolepis Whitmani, best specimen	5.00	3.00	2.00
Nephrolepis, best specimen any other var.	5.00	3.00	2.00
Polypodium, or Goniophlebium, best specimen	15.00	10.00	.....
Stag Horn Fern, best 6 plants, in var.	15.00	10.00	5.00
Stag Horn Fern, best specimen, any var.	5.00	3.00	2.00
Tree Fern, best specimen	25.00	15.00	.....
Fern, best specimen, any other var.	10.00	6.00	4.00

Fern, best specimen, new var., not in commerce, Silver and Bronze medals.

PALMS AND FOLIAGE PLANTS.	1st	2nd	3rd
Arecas, best pair	$ 25.00	$ 15.00	.....
Arecas, best specimen	15.00	10.00	.....
Cocos Australis or its vars., best specimen	15.00	10.00	5.00
Cocos plumosus, best specimen	15.00	10.00	5.00
Kentia Belmoreana, best pair	25.00	15.00	10.00
Kentia Belmoreana, best specimen	15.00	10.00	5.00
Kentia Forsteriana, best pair	25.00	15.00	10.00
Kentia Forsteriana, best specimen	15.00	10.00	5.00
Phœnix Rœbelenii, best pair	15.00	10.00	5.00
Phœnix rupicola, best specimen	15.00	10.00	5.00
Phœnix Canariensis, best pair	15.00	10.00	5.00
Phœnix reclinata, best pair	15.00	10.00	5.00
Palms, other than above, 12 plants, 12 vars.	35.00	20.00	.....
Bay Trees, best display	100.00	75.00	.....
Bay Trees, best pair, pyramidal	15.00	10.00	5.00
Bay Trees, best pair, standard	15.00	10.00	5.00
Bay Trees, best pair, columnar	15.00	10.00	5.00
Box Trees, best display	75.00	50.00	.....
Box Trees, best pair, pyramidal	10.00	5.00	.....
Box Trees, best pair, standard	10.00	5.00	.....
Box Trees, best pair, bush	10.00	5.00	.....
Araucarias, best 6 plants, 3 or more vars.	15.00	10.00	5.00
Crotons, best display	50.00	35.00	.....
Crotons, 25 plants, 25 vars., in not over 6-inch pot	25.00	15.00	.....
Crotons, best 6 plants, 6 vars.	15.00	10.00	.....
Cycad, best specimen, any variety	20.00	15.00	.....
Dracænas, best 12 plants, 6 or more vars.	25.00	15.00	10.00
Dracænas, best specimen, green	5.00	3.00	2.00
Dracænas, best specimen, red	5.00	3.00	2.00
Dracænas, best specimen, any other color	5.00	3.00	2.00
Ficus elastica or elastica variegata, best specimen	10.00	6.00	4.00
Ficus pandurata, best specimen	10.00	6.00	4.00
Heliconias, best 4 plants in var.	25.00	15.00	.....
Nepenthes, best 3 plants, 3 vars.	15.00	10.00	.....
Nepenthes, best single specimen	10.00	5.00	.....
Pandanus Veitchii, best specimen	5.00	3.00	2.00
Pandanus, best specimen, any other var.	5.00	3.00	2.00
Greenhouse or Stove Foliage Plants, 6 plants, 6 vars	25.00	15.00	.....
Cacti and other Succulent Plants, best collection, not less than 50 vars.	30.00	20.00	.....
Economic Plants, collection, not less than 30 vars.	50.00	35.00	.....
Banana Tree, best specimen in fruit	10.00	5.00	.....
Lemon Tree, best specimen in fruit	10.00	5.00	.....
Orange Tree, best specimen in fruit	10.00	5.00	.....
Conifers, best collection in pots or tubs, not less than 25 vars.	75.00	50.00	25.00
Conifers, best 6 specimens	30.00	20.00	.....
Conifers, best 3 specimens	20.00	15.00	.....
Conifers, best 2 specimens	15.00	10.00	.....
Conifers, best single specimen	10.00	5.00	.....

Any exhibit of merit not included in above schedule will be properly recognized, especially any new, rare or meritorious plants.

Additions may be made to this schedule later on, if found advisable. Cut flower schedule will appear later.

F. R. PIERSON, Chairman.

Tarrytown, N. Y.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

RESULTS.
We give them. You get them.
We both have them.

RETAILERS like Carnation May Day because of its superior keeping qualities.

ANONYMOUS inquiries are not answered. Sign your name if you expect attention.

J. A. VALENTINE says that the selling prices of florists' products have not advanced in proportion to the cost of high living.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

DON'T substitute. The fact that you gave a better variety, or a higher priced sort, as often is the case, does not count in the average purchaser's mind; what he wants is what he ordered or his money back—promptly.

FINDS IT SUFFICIENT.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

I have saved every copy of the Review issued since I first subscribed, several years ago, and would not take $1 (the price of a whole year's subscription) for any one copy. The Review is the only florists' paper I take, as it is quite sufficient and covers the ground in an up-to-date manner; it is beyond comparison with any sample copy of other florists' papers I have ever seen.—H. C. Smith, Mgr., Colville Nursery and Greenhouses, Colville, Wash., Feb. 3, 1910.

OBITUARY.

Eugene K. Diemer.

Eugene K. Diemer, aged 39 years, head of the Diemer Floral Co., St. Louis, Mo., died last week after a lingering illness. He leaves a wife and son to mourn his loss. The funeral took place from his late residence, 1805 South Broadway, Friday, February 4. Quite a few in the trade were in attendance. Mrs. Diemer will continue the business.

COUNCIL OF HORTICULTURE.

The National Council of Horticulture held a meeting at the Congress hotel, Chicago, January 17, 1910. There were present C. E. Kendel and C. Cropp, from the American Seed Trade Association; E. D. Smith and W. N. Rudd, from the Society of American Florists; J. H. Burdett, of the press bureau service; J. C. Vaughan, chairman, and H. C. Irish, secretary. Letters or telegrams were read from J. Horace McFarland, J. Otto Thilow, F. R. Pierson and C. L. Watrous.

The term as delegates at large of Professors W. B. Alwood, S. A. Beach and S. B. Green having expired, Professors Alwood and Beach were elected to succeed themselves and Professor J. C. Blair, of Urbana, Ill., was elected to succeed Professor Green. It was announced that C. Cropp and C. E. Kendel were the authorized representatives in the council from the American Seed Trade Association, J. Otto Thilow, E. D. Smith and W. N. Rudd from the Society of American Florists, C. L. Watrous and Guy A. Bryant from the American Association of Nurserymen, H. S. Watson and J. F. Wilson from the National Nut Growers' Association.

The secretary reported $183.22 on hand and $200 available from the American Seed Trade Association, or a total of $383.22 for the current year's work.

J. H. Burdett made a report on the press bureau work. The secretary was instructed to ask the assistance of experts in the preparation of articles and to arrange a schedule for their distribution as soon as practicable. Some sixty subjects were suggested, one-half of which the members present pledged to prepare. It was arranged to send out at least ten installments this spring, beginning the latter part of February.

H. C. IRISH, Sec'y.

THE TAX ON GROWING STOCK.

Readers of the REVIEW may remember that a recent number of the paper—the issue of January 13—contained a letter from Christ. Winterich, of Defiance, O., giving a brief account of his experience in connection with the taxation of the stock in his greenhouses. In another letter, just received, Mr. Winterich speaks of the urgent need of a general agitation of this subject, and suggests that it would be an excellent topic for discussion at the next convention of the S. A. F. Mr. Winterich also encloses a letter which was written to him by James R. Norton, of Akron, O., and which reads substantially as follows:

"I noticed in the REVIEW your letter under the head of 'Tax on Growing Stock.' Now, growing stock in greenhouses is not taxable, according to the statutes of Ohio. They wanted to tax me here, in Akron, but I went to the board of review and made a kick and they admitted they could not tax the growing stock in my greenhouses, though they could tax my tools. There was a florist in Youngstown, O., who was threatened with a tax on his house of Easter lilies, but he took the matter into court and the judge threw the case out, on the ground that no valuation could be placed on the lilies or on other growing stock."

CHICAGO.

The Great Central Market.

Supplies were on the upgrade all last week, and prices naturally traveling in the opposite direction. Beauties and roses held their own in good shape, the principal weakness being in carnations. It has happened now for several weeks in succession that the early part of the period would see a stiff carnation market, with such an increase in supply that the later days brought a slump. Each week of the last three or four this condition has become more pronounced. Last week the weakness in prices was accentuated by the sudden drop in the temperature, which shut off all the buyers who do business outdoors and also cut down the transient trade which on Saturday takes immense quantities of stock, especially carnations, out of the Greek stores.

The present week opened with the market much easier than it has been on any recent Monday. The supply of Beauties is not large, but the demand seems to have fallen away to a point where moderate receipts suffice to satisfy the buyers. The price already was weaker February 7, and the prospect for the first

WE ARE STRONG ON THE STOCK YOU NEED FOR

Valentine's

Mail, Telegraph or Telephone Orders Filled Promptly

The Violet is the Special Valentine's day flower, and we handle the cream of the crops, certainly the finest violets in the market and probably the largest supply west of New York. But Sweet Peas, bright colored Carnations, Tulips, and all spring flowers are called for in large quantities February 14. We have all these in abundant supply and fine quality, especially the Sweet Peas. Mexican Ivy for green to go with the flowers.

Carnations

You will find our Carnations splendid stock—the best varieties in each color—and the quantity sufficient to take care of the largest orders. We want to hear from large users of Carnations who have not previously bought of us. We can make it interesting for all such—not the cheapest, but the best Carnations on this market, and the largest supply.

Sweet Peas

We are now handling large quantities of long, fancy Peas, in white, pink, lavender, and a few of fancy colors. The way the stock is coming in indicates we are going to repeat our last season's great success with this specialty. If your trade likes fine peas, better get in touch with us.

Roses

Richmond is abundant and our crops of all other Roses are on the increase. The call for our grade of Killarney is so strong that early orders are advisable, but we are meeting all requirements in pretty good shape. Plenty of Roses expected in a few days.

Green Goods

You can get of us all the Smilax that you need, nice, long, heavy strings. Also the popular green, Mexican Ivy, of choice quality. If you want the best ferns in the market order here.

Bulb Stock

We have all bulb stock in quantity; Tulips, in yellow, white and pink (Novelty); choice Jonquils and Daffodils, also fancy Freesia, Paper Whites and Romans, Easter Lilies and Callas. Glad to have your orders.

Fancy Valley Always on Hand

We handle the **"Chicago Market Brand"** exclusively. From the recognized leading commercial grower of Valley in the west. Many leading stores will use no other. We can supply any quantity.

PRICE LIST

	Per doz.
AMERICAN BEAUTY	
Long stems	$6 00
Stems 36 inches	5.00
Stems 30 inches	4.00
Stems 24 inches	3.00
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
	Per 100
Killarney, special	$15.00
" select	$10.00 to 12.00
" seconds	6.00 to 8.00
Richmond, special	10.00 to 12.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
Maid and Bride, special	12.00 to 15 00
" " select	8.00 to 10.00
" " seconds	5.00 to 6.00
Mrs. Field	4 00 to 12.00
My Maryland	4.00 to 12.00
CARNATIONS	
Common and split	1.50 to 2.00
Select, large and fancy	3.00
Red, " " "	3.00 to 4.00
MISCELLANEOUS STOCK	
White Lilac....per bunch, $1.50	
Violets, fancy N. Y. doubles	.75 to 1.00
" " single	.75 to 1.00
Sweet Peas, fancy	1.50
" " medium	1.00
" " short	.50 to .75
Daffodils, Jonquils	3.00
Tulips, white and yellow	3.00 to 4.00
" pink (Novelty)	4.00
Valley	3.00 to 4.00
Easter Lilies.....per doz., $2.00	15.00
Callas....per doz., $1.50 to 2.00	
Mignonette, per doz., 50c to 75c	
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
Daisies	1.00 to 1.50
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	.35 to .50
" Sprengeri....per 100	2.00 to 5.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax.....per doz., $1.50	10.00
Ferns.....per 1000, 2.00	.25
Galax " 1.00	.15
Leucothoe " 6.50	.75
Mexican Ivy.....per 1000, $7.50; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

VIOLETS For St. Valentine's Day
FEBRUARY 14
We are headquarters on these in the St. Louis Market.
Fine home grown stock in CARNATIONS in all varieties.
Wm. C. Smith Wholesale Floral Co.
WHOLESALE FLORISTS 1316 Pine Street, ST. LOUIS, MO.

few days of Lent was for a declining Beauty market. Many houses report Richmond as hanging fire, and prices have been below those of white or pink roses of equal grade. The rose market is easier, but with no great increase in supplies as yet. Killarney, indeed, continues decidedly scarce. The wholesalers, however, have nearly all come to one mind as to the prospect. They figure that, all the growers having been off crop at one time, it only needs a little bright spring weather to set them all cutting heavily from the new crop now about due. Indeed, the average wholesaler who gives thought to the future is looking for an unwieldy glut of both roses and carnations, the date of its arrival depending largely upon the weather. Wintry weather means its postponement, bright spring days its early arrival.

Lent began February 9, but it no longer cuts much figure in the flower market. Whatever reduction in demand Lent has occasioned has been more than made up for by the increasing importance of St. Valentine's day. There is a large amount of business booked for February 11 to 13. Violets, of course, have the largest part of this special demand, but sweet peas, which are in increased supply, also share in this special call. Tulips, jonquils and daffodils also are wanted, while red and bright pink carnations have been ordered freely. Violets have had several weeks of rather slow business, and the wholesalers hope to make up a little lost time for the growers this week.

Sweet peas are coming in much more heavily; all it will take is a little bright weather to make the peas both abundant and fine. Jonquils are much more plentiful than heretofore. These flowers have sold for $5 and $6 per hundred until the last few days because of the percentage of loss the growers sustained on their first batches. Daffodils are now available in quantity. Tulips have been selling steadily, but not at fancy prices; it has taken special fancy stock to get above $4 per hundred. Easter lilies and callas are abundant and there is plenty of valley. Freesia is selling slowly. Not so many Paper Whites are seen. The green goods situation is receiving more attention. There is now not much call for strings of asparagus, but bunches of plumosus and Sprengeri, especially the former, are in good request and bringing good prices. Smilax of good quality is available in fair quantity. Many of the wholesalers are wondering what they are going to do with their boxwood. Mexican ivy also is in large supply. Picking over ferns is a daily occupation.

Club Meeting.

Installation of officers drew an exceptionally large attendance at the meeting of the Florists' Club at the Union restaurant, February 3. President Asmus began his second term and E. F. Winterson, who has been treasurer for so long his reëlection is taken as a matter of course, started another year. L. H. Win-

Aphine on Ferns

J. F. ANDERSON
2,000,000 Ferns Grown Annually. Fern Specialist 500 Varieties of Ferns in All Sizes.

Short Hills, N. J., January 31, 1910.

APHINE MFG. CO., Madison, N. J.

Gentlemen:—Kindly ship me at once, by U. S. Express, two gallons of Aphine. The last gallon received from you has been thoroughly tested and proved to be a most effective exterminator of all such insects to which ferns are subjected. If your preparations are of uniform strength, a solution of one to fifteen will be safe on the most delicate ferns. Yours respectfully,
J. F. ANDERSON.

The manufacturers of Aphine guarantee a uniform product at all times, and if directions are carefully followed, that it will do all we claim for it.

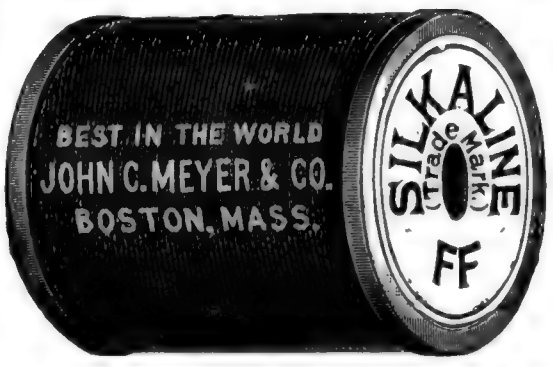
A Public Aphine Test

Will be held in Philadelphia on Saturday, February 12th, 1910 (Lincoln's Birthday), from 2 to 5 p. m., at the new seed store of
HENRY F. MICHELL CO., 1018 Market Street.
You are cordially invited to be present and to submit any plants, shrubs, or stock that may be infested with insects or disease, so that we may demonstrate to you the wonderful merits of this new insecticide discovery—Aphine.

Aphine Manufacturing Company
Madison, New Jersey

Mention The Review when you write.

JOHN C. MEYER & CO., of Lowell, Mass.



were the first to introduce the
Meyer Green Silkaline
which will not rot or fade while strung up in greenhouses. It is also used for tying bouquets and general Florists' use.
The Meyer Violet Thread
for tying Violets.
Price of both, $1.25 per lb., 16 oz. of actual Thread per lb.
JOHN C. MEYER & CO.
1445 Middlesex St., LOWELL, MASS.

Mention The Review when you write.

FANCY FLOWERS

WHITE LILAC
The finest flower of the season now in steady supply.

ROSES
Beauties, the finest Killarneys in town, choice Bride and Maid. When you want good roses, or many roses, or short roses, order of us.

ORCHIDS
Special fine Cattleyas, also Dendrobiums and other seasonable varieties.

CARNATIONS
We believe there is no house in the United States handling more Carnations than we handle. Glad to quote special prices on large lots. Good stock, $2.00 to $3.00 per 100.

VIOLETS
You'll need large quantities for Valentine's Day. We have quality and quantity.

BULB STOCK
Headquarters for Jonquils, Daffodils, Paper Whites, Freesia, Tulips; also Easter Lilies and Callas. We always can supply you.

VALLEY
Always in stock. Good Valley, $3.00 to $4.00 per 100.

WILD SMILAX
Always on hand; one case or a carload. Finest stock in the country. Also all other greens of best quality.

Farleyense, the finest of all greens, $8.00 to $12.00 per 100.

If you haven't our Catalogue handy—a complete line of Supplies—send for it.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

CARNATIONS

Now is the time to push your Carnation sales—when you can get of us such fine stock at such reasonable prices as now prevail.

Roses more abundant—we can fill all orders.

All Spring flowers in large supply.

Send along your orders.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

	Per doz.
BEAUTIES	
30 to 36-inch	$3.00 to $5.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00
ROSES (Tea)	**Per 100**
Bride and Maid	$6.00 to $10.00
Richmond, Killarney	6.00 to 12.00
White Killarney	6.00 to 12.00
My Maryland	6.00 to 12.00
Perle	5.00 to 8.00
Roses, our selection	4.00
CARNATIONS, medium	2.00
" fancy	3.00
MISCELLANEOUS	
Harrisii Lilies	15.00
Valley	3.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00
Romans	3.00
Jonquils	5.00 to 6.00
Mignonette	4.00 to 8.00
Sweet Peas	.75 to 1.00
Callas	15.00
GREENS	
Smilax Strings per doz.,	1.50 to 2.00
Asparagus Strings each,	.50 to .60
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.35 to .50
Adiantum per 100,	.75 to 1.00
Ferns, Common per 1000,	2.00
Galax "	1.00
Leucothoe	.75
Boxwood lb., 25c	
Wild Smilax $2.50, $3.50 and	4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write

terson was returned to the office of secretary after a year's rest, the only really new officer being Vice-President H. E. Philpott, one of the club's suburban members. He was at Tacoma, Wash., that night, and telegraphed his regrets. President Asmus appointed his standing committees as follows:

Good of the club—Herman Schiller, Frank Pasternick, John P. Degnan.

Sports—T. C. Yarnall, A. Zech, Frank Ayers.

Transportation—E. F. Winterson, M. Barker, F. Lautenschlager.

The good of the club committee was instructed to prepare a ladies' night for the March meeting. Something elaborate is expected, because a good appropriation was made with the understanding that the club pay half the expenses and that the sale of tickets cover the other half. For this event H. N. Bruns, A. C. Kohlbrand and Duncan Robertson were added to the committee.

Edward J. Fichter, J. F. Dumke and William Graff were elected to membership and Joseph Straus, of the A. L. Randall Co., was proposed.

C. W. Johnson discoursed on the Pittsburg meeting of the Carnation Society and J. C. Vaughan spoke for the Illinois State Florists' Association and the necessity for supporting the asking for an appropriation from the legislature in the interest of the experimental greenhouses at the State University. There was a meeting of the advisory committee of the state association at the Union restaurant the following evening to consider ways and means.

It is planned to take a good delegation to the meeting of the state society at Champaign next week, leaving Chicago at 9:40 a. m., February 15, on the Illinois Central railroad. The fare is only $2.55 each way.

Refreshments were served as usual.

Various Notes.

John Orsesky died Thursday at St. Bernard's hospital, after only four days' illness with appendicitis. Everyone who fails to recognize him by his full name will know him as "Whitey." He had worked in the city store of Wietor Bros. for seven years, and was known and liked by everyone who frequents the market. He was at work on the Sunday preceding his death. The funeral was held from

VIOLETS For St. Valentine's Day, February 14

Our Violets are Famous. Home Grown—they have a Violet Odor

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
CARNATIONS, the stock that fears no competition. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write

the family home, 3203 Fox street, February 7. There were many flowers.

The George Wittbold Co. has been forcing quite a little more white lilac than was needed for its own retail stores. This has been consigned to Percy Jones, E. C. Amling and others.

The board of directors of the Flower Growers' Market corporation met recently and elected the following officers: President, Walter Tonner; vice-president, Frank Beu; treasurer, Miss Hertha Tonner; financial secretary and manager, John Sinner; recording secretary, Alex. Henderson. Mr. Tonner some time since ceased to operate his greenhouses; he is now employed in the Northwestern freight house.

W. E. Lynch, at E. H. Hunt's, says it does not take an expert to tell when the violet growers have been fumigating with hydrocyanic acid gas.

A. Lange had six men at Ottawa, Ill., the other day, putting up one of the most elaborate wedding decorations he has executed this season.

Frank Johnson, of the A. L. Randall Co., is calling on customers in Toledo and Detroit this week.

Mr. and Mrs. C. W. McKellar find much of special interest at the Coliseum, where the automobile show is on. The Wittbold Co. had the largest decoration of the season there this week.

Kyle & Foerster state that three of the big houses of the Benthey establishment at New Castle are to be planted to Beauties this season.

The Poehlmann Bros. Co. is beginning to cut choice cattleyas in considerable quantity. August Poehlmann says they will add to the orchids this season so that they will have two large houses of them next year.

Bassett & Washburn say that lilies this winter have paid them better than lilies usually have at Easter.

Phil Schupp, at J. A. Budlong's, says he looks for an early and large increase in the rose supply.

It is reported that Fred Lieberman, of the Vaughan & Sperry staff, committed matrimony Thursday evening, February 3.

E. E. Pieser, of Kennicott Bros. Co., says that the Saturday before Ash Wednesday for uncounted years has been the busiest Saturday of the season with them, larger sales than any other Saturday, unless a holiday made extra business. This year the Saturday before Ash Wednesday fell February 5. It was a big day all through the market, but wa cut into by the extremely cold weather, which shut off the buyers who take th cheap stock and tone up the market.

The Chicago Rose Co. has bought the ice-box formerly used by the Benthey Coatsworth Co., and it is being removed

WESTERN

ORCHIDS

Chas. W. McKellar

51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, February 14, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,	$6.00 to	$ 7.50
Laelia alba, white	"		6.00
Dendrobium Formosum, white,	"		6.00
Cypripediums, green, per 100, $15.00	"		2.00
Assorted, selected flowers	Per box,	$5.00 to	25.00
Gardenias	Per doz.,	2.00 to	4.00
AMERICAN BEAUTY—Specials	"	5.00 to	6.00
30 to 36-in	"	3.00 to	4.00
20 to 24-in	"	2.00 to	2.50
15 to 18-in	"	1.25 to	1.50
Shorter	"	.75 to	1.00
Killarney, special	Per 100	12.00 to	15.00
" select	"	8.00 to	10.00
" seconds	"	5.00 to	6.00
My Maryland, special	"	10.00 to	12.00
" select	"		8.00
" seconds	"	5.00 to	6.00
Richmond, special	"	10.00 to	12.00
" select	"	6.00 to	8.00
" seconds	"	3.00 to	5.00
Mrs. Field	"	5.00 to	12.00
Bridesmaid	"	5.00 to	12.00
Bride	"	5.00 to	12.00
ROSES, our selection, mixed	"		5.00
CARNATIONS			
Select	Per 100,		$ 2.00
Fancy	"	$3.00 to	4.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,	.75 to	1.00
" single	"	.75 to	1.00
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $1.50 to $2.00		
Callas	" 1.50 to 2.00		
Sweet Peas	"		1.00
Bouvardia	"	4.00 to	6.00
Paper Whites and Romans	"		3.00
Jonquils	"	3.00 to	4.00
Tulips	"	3.00 to	4.00
Daffodils	"	3.00 to	4.00
Mignonette	"	4.00 to	5.00
Freesia	"	3.00 to	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
" "	Per bunch,	.35 to	.75
" Sprengeri	"	.35 to	.75
Adiantum	Per 100,	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.00
" " "	Case 10,000,		7.50
Leucothoe	Per 100,		.75
" bronze	"		1.00
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.
Subject to market changes

CHAS. W. McKELLAR
51 Wabash Ave., CHICAGO

Mention The Review when you write.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

CARNATIONS

Are in good crop and quality of the highest--none better can be grown

Fancy Roses

Our Roses are fancy quality, no matter what the length of stem--the best Roses that can be produced. If you want something out of the ordinary, order our "extra special" grade. Nothing like them on this market.

Orchids—Special fine Cattleyas, $6.00 to $9.00 per doz.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$6.00 to $3.00
36 inch	5.00
30-inch	3.00
24-inch	2 50
18 to 20-inch	2.00
15-inch	1.50
Short stem	1.00

ROSES	Per 100
Maid, Bride, Perle, select	$12.00
" " " long	10.00
" " " medium	8.00
" " " short	6.00
My Maryland, extra select	15.00
" long	12.00
" medium	$8.00 to 10.00
" short	6.00
Richmond, Killarney, W. Killarney ....select	15.00
" " " long	12.00
" " " medium	8.00 to 10.00
" " " good short	6.00
Good short stem Roses	6.00

Our Extra Special grade of Roses charged accordingly.

CARNATIONS	Per 100
Extra fancy	$ 4.00
First quality	3.00
Splits	2.00
HARRISII	15.00
TULIPS	4.00
DAFFODILS, JONQUILS	4.00
NARCISSUS PAPER WHITE	3.00
SWEET PEAS	$0.75 to 1.50
VALLEY	3.00 to 4.00
VIOLETS	.75 to 1.25
MIGNONETTE, large spikes	6.00
FREESIA	3.00 to 4.00
ADIANTUM	1.00
ADIANTUM CROWEANUM, fancy	1.50
SMILAX per doz., $2.00	
SPRENGERI, PLUMOSUS SPRAYS	3.00 to 4.00
PLUMOSUS STRINGS each, 60c	
FERNS per 1000, $2.00	
GALAX " 1.00	
LEUCOTHOE " 7.50	1.00
Wild Smilax per case 5.00	

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

to the new store of the Chicago Rose Co., in the basement at the northeast corner of Wabash avenue and Randolph street. John Kruchten bought the tables from the Benthey-Coatsworth store.

The E. F. Winterson Co. is getting new flooring this week. Mr. Winterson has been a tenant of the McCormick estate for nearly seventeen years.

Weiland & Risch say their lilies never looked as well as they do this season. Since last year they fitted up a special lily house, where they can make it as hot as there is any reason for doing.

Peter Reinberg has opened his campaign for reëlection to the council. It looks as though he may be practically unopposed, although he is a democrat and his is otherwise a republican ward. The Municipal Voters' League, in its report on a candidate, says: "Peter Reinberg —Finishing third term; record of quiet efficiency and steady support of worthy measures in committee and in council; a reliable alderman."

Norby & Hoefle, Des Plaines, are picking some specially good sweet peas.

D. D. Johnson Co., 66 Wabash avenue, is supplying various experimental stations with its Evergreen Brand fertilizer and has received a number of decidedly favorable reports. A small quantity will be sent free of charge when requested by the party in charge of any such station.

Bertermann Bros. Co., Indianapolis, sent an exhibit of four dozen of their new yellow carnation, James Whitcomb Riley, to be shown at the Florists' Club's meeting, but by mistake they sent them Tuesday of this week, when the meeting occurred February 3. The flowers were exhibited by Bassett & Washburn at their store and were much admired by a large number in the trade.

Visitors: B. Eschner, of M. Rice & Co., Philadelphia; C. W. Anderson, Racine, Wis.; C. E. Gullett, Lincoln, Ill.;

Colorado Carnations

We are now getting the best and largest cut we have ever had :: Can fill any order

The Pikes Peak Floral Co.
Colorado Springs, Colo.

Mention The Review when you write.

Peter Schaefer, Kankakee, Ill.; H. B. Dorner, Urbana, Ill.

Bowling.

The Violets lead the Florists' League, with the Carnations and Orchids running a close race for second. Of the individual members of the teams Al Fisher has the high average. Victor Bergman, with a greater number of games, is second, and John Zech third. There was a light attendance February 3. The scores follow:

Violets.	1st	2d	3d	Orchids.	1st	2d	3d
Bergman	160	119	151	Huebner	166	138	160
Johnson	118	132	144	Graff	134	176	117
Kruchten	146	111	115	Byers	186	145	169
Yarnall	143	160	167	Zech	179	165	165
Total	507	522	577	Total	665	674	615

Roses.	1st	2d	3d	Carnations.	1st	2d	3d
Goerisch	154	178	145	Farley	148	180	192
Lorman	177	128	107	Ayers	169	148	153
Pieser	119	115	108	Krauss	143	136	118
Wolf	166	162	179	Pasternick	118	126	180
Total	616	570	539	Total	578	590	642

BOSTON.

The Market.

Business continues quite satisfactory. There are, of course, off days, but the general tone is good. Carnations are now finer than at any other time, and prices on them have not changed materially. Violets, on the other hand, are coming into a heavier crop and show a weakening tendency. The singles are now remarkably fine, and the crop in the bulk of greenhouses should this season last until Easter. Roses are not in heavy crop, and are moving satisfactorily, Beauties, Killarney and White Killarney particularly so. More Easter lilies are arriving, also callas, with prices about the same.

Dutch bulbous stock is much more abundant and a little lower in price. Golden Spur narcissi sell well. Princeps and ornatus move slowly. Marguerites are arriving a little more freely. There is a great difference in the quality of these. There is no trouble in selling any of them. Some good antirrhinum and mignonette are seen. Freesia is somewhat on the wane. Wallflowers, myosotis, ten weeks' stocks, English primroses, calendulas, pansies and other spring flowers are coming in more freely. Adiantum is temporarily rather short, but Asparagus Sprengeri and plumosus are in good supply. Gardenias continue in demand, while cattleyas and dendrobiums are selling well.

We Are Strong

On all ROSES and CARNATIONS
Quality Unsurpassed

IN ROSES we can furnish Mrs. Jardine, My Maryland, Killarney, Richmond, Maid, Bride, Kaiserim, Gate, Perle.

CARNATIONS, leading varieties of excellent quality.

SPRING STOCK
Tulips, Daffs, Jonquils, Narcissi, Valley, Violets, Pink and White Sweet Peas.

GREENS OF ALL KINDS.

J.A.BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty..... WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

Various Notes.

There is a growing feeling in favor of holding the forthcoming S. A. F. national show in Horticultural and Symphony halls, bridging the avenue between the two halls. For the construction of special gardens some weeks of preparation are necessary. At Mechanics' hall this would be out of the question. These special features, such as Dutch and Italian gardens, are what draw the crowds, far more than long tables of roses and carnations or stereotyped groups of plants.

George E. Buxton announces that for the coming national show he will offer $25 in gold, to be divided into three prizes for the best vases of 100, fifty and twenty-five blooms of Carnation Bon

CARNATIONS

A large crop of fine quality now on.

CURRENT PRICE LIST

Beauties	Doz.
Extra long	$6 00
36-inch stem	5.00
30-inch stem	4.00
24-inch stem	3.00
20-inch stem	2.50
18-inch stem	2.00
15-inch stem	1.50
12-inch stem	1.25
Short stem	1.00

	Per 100
Richmond	$6.00 to $12 00
Killarney	6.00 to 12 00
Chatenay	6.00 to 12.00
Field	6 00 to 12.00
My Maryland	6 00 to 12.00
Uncle John	6.00 to 12.00
Bride	6.00 to 12.00
Maid	6.00 to 12.00
Ivory	6.00 to 12.00
Sunrise	6.00 to 12.00

	Per 100
Gate	$6.00 to $12.00
Perle	6.00 to 12.00
Roses, our selection	**5.00**
Carnations	2.00 to 3.00
Harrisii	15.00
Valley	4.00
Violets	1.00
Adiantum	1.00
Asparagus, per bunch,	.50
Ferns, per 1000,	2.00

PETER REINBERG, 35 Randolph Street, **Chicago**

Mention The Review when you write.

Easter Lilies

We are cutting now an average of 1000 Lilies per day. Very choice stock, large flowers, long stems and fine foliage. They are the best flowers in the market and are in great demand during this severe shortage of Beauties and Roses. We are selling them at $12.00 per 100 or $1.50 per doz. Buy direct of the grower and get fresh stock.

American Beauties, Roses, Fancy Carnations,
Tulips, Daffodils, Valley, Easter Lilies and Greens.

Write us for our Weekly Price List. We keep you posted on the market.

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

Mention The Review when you write.

Ami, $15 for the first prize, $8 for the second prize and $2 for the third prize. He does this to set the ball a-rolling for the biggest and best show ever held in the United States.

R. C. Bridgham, of the Newtonville Avenue Greenhouses, has purchased the stock and good will of Albert Scott, florist at 67 Beacon street, Boston, and will continue the same as a high grade flower store, paying special attention to wedding, reception and dinner decorations.

Remember the club meeting February 15. The Cottage Gardens Co. will send several of its novelties, while quite a number of other new varieties are promised. Mr. Goddard's paper will undoubtedly bring out a lively discussion, and carnation night promises, as usual, to bring out a record attendance. All exhibits from a distance addressed to Horticultural hall, Boston, and express prepaid, will be carefully staged and well cared for.

John K. M. L. Farquhar spent a few days in New York this week on business, returning via Lenox.

William Whitman, M. Sullivan, gardener, showed half a dozen fine cinerarias of the large flowered type at Horticultural hall February 5, which were awarded a gratuity.

Recent changes among prominent gardeners include Thomas Howden, of Whitinsville, who assumes charge April 1 of an extensive new estate being laid out for Henry Hornblower, at Plymouth, Mass.; H. Terry, of Hingham, Mass., goes to manage R. H. White's estate at Chestnut Hill, his place in Hingham being taken by Henry T. May, now with William Downs at Chestnut Hill.

The North Shore Horticultural Society held its annual banquet in Lee's hall, Manchester, February 4. Over 200 were in attendance, including several from Boston and vicinity. It was a thoroughly enjoyable affair in every respect. Following the banquet came speech-making, songs and other entertainment, the rest of the evening being given up to dancing.

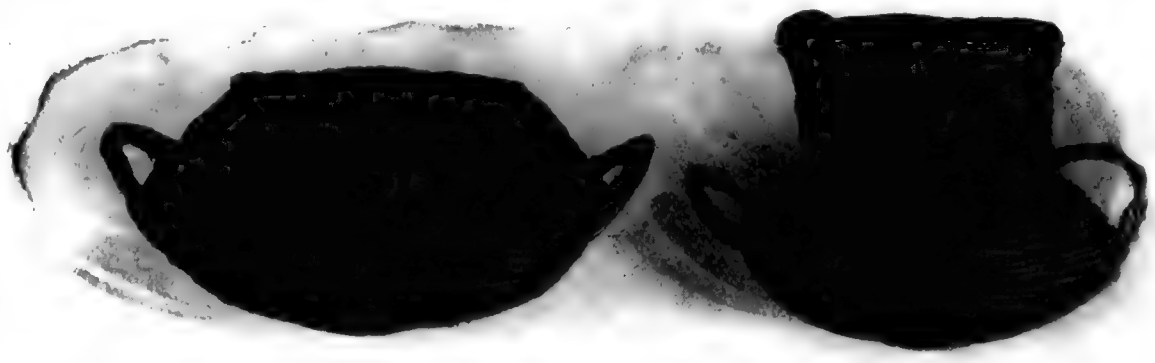
John W. Duncan, the recently elected club president, hopes to be able to attend the coming club meeting. Sickness at home prevented his attending the annual banquet. Mr. Duncan expects to leave about March 1 for his new post in Spokane, Wash.

Philip L. Carbone is away on a European trip. His business shows a continued increase since his new store in Boylston street was opened. It is hoped that Mr. Carbone will make a fine exhibit at the forthcoming national show.

Mann Bros., of Randolph, are handling quantities of well grown Lilium speciosum at present. They are also bringing in fine lots of cut lilac.

William H. Elliott and Alexander Montgomery expect to attend the rose convention in New York February 16. Several other local growers are also planning to be on hand.

January proved 3½ degrees warmer than the average for the last thirty-eight



No. 73 Arab No. 78 Persian

Florists' Baskets

These baskets are especially suitable for palms and ferns, though when filled with roses or other large flowers, are strikingly beautiful. Brighten up your stock with some of our new ideas in baskets for your Easter trade—any that do not please, you may return—try a few.

Madison Basketcraft Co., Madison, O.

Send for finely illustrated catalogue.

Mention The Review when you write.

THE HOME OF

HIGH-GRADE, WATERPROOF

Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.**

Samples and prices sent on application.

A. A. ARNOLD

16-22 S. Peoria Street, CHICAGO, ILL.

years. February is at present giving us some good, seasonable winter weather, which should last till the middle of March, if the ground hog theory proves correct. Candlemas day could hardly have been clearer. February 7 was one of the coldest mornings of the winter.

Robert Laurie, traveling salesman for W. W. Rawson & Co., lost a splendid collection of nerines during the January cold wave. They were in a greenhouse at his home in East Mansfield, and steam went down during a night of 10 degrees below zero, while Mr. Laurie was out on the road, destroying every bulb. In addition to a fine collection of named varieties, there were many choice seedlings of Mr. Laurie's raising which could not be duplicated.

The H. E. Fiske Seed Co. is having an exceptionally good call for both flower and vegetable seeds. They carry many special lines for trade growers, and are building up a first-class business.

James Wheeler, for the last twenty-two and one-half years superintendent for Joseph H. White, Brookline, has purchased thirty-two acres of excellent land in Natick, Mass., and will start in business there on his own account April 1. A greenhouse 60x300 will be erected the present season for carnations. Phloxes, peonies and other perennials, as well as choice trees and shrubs, will later be grown. The site is an ideal one and Mr. Wheeler's skill as a grower leaves no room for doubt that he will succeed in his new venture. As an active worker and past president of the Gardeners' and Florists' Club and Massachusetts Horticultural Society, the name of James Wheeler is a familiar one.

The severe cold wave February 7 descended unheralded and caught some growers napping. We have not, however, heard of any serious damage. A number of cut flower shipments arrived in a frozen condition.

Massachusetts Horticultural Society.

The midwinter show at Horticultural hall, February 26 to 28, promises to be equal in magnitude to the regular spring exhibition, which is this year to be omitted, owing to the big orchid show following so closely after its usual date. Quite a number of new classes have just been added, which should appeal especially to commercial growers. These are as follows:

Carnations	1st	2d	3d
50 blooms, white	$ 6.00	$4.00	$3.00
50 blooms, flesh pink	6.00	4.00	3.00
50 blooms, light pink	6.00	4.00	3.00
50 blooms, dark pink	6.00	4.00	3.00
50 blooms, scarlet	6.00	4.00	3.00
50 blooms, crimson	6.00	4.00	3.00
50 blooms, white variegated	6.00	4.00	3.00

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
36-inch stems	5.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride, fancy	$8.00 to $12.00
" good	6.00
Bridesmaid, fancy	8.00 to 10 00
" good	5 00 to 6.00
Killarney, extra fancy	12.00
" fancy	8.00 to 10.00
" good	5.00 to 6.00
White Killarney, fancy	10.00 to 12.00
" " good	6.00 to 8.00
Mrs. Jardine, extra fancy	12.00
" fancy	8.00 to 10.00
" good	6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	5 00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	5.00 to 6.00
Perle	10.00
Roses, our selection	6.00
CARNATIONS, fancy	3.00
" good	2.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies ...per doz., $2.00	
Sprengeri, bunch, $0.50 to 0.75	
Ferns.... per 1000. 2.00	
Galax.... " 1.00 to 1.50	

All other stock at lowest market rates.
No charge for packing.
Prices subject to change without notice.

Mention The Review when you write.

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4 50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9 00
20x20x8	10.00
24x24x8	12 50
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.

Box No. 200, CASTORLAND, N. Y.

New York Office: 20 E. 42nd Street

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3 00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3¼x5x30	3.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.

COLUMBUS, OHIO

Always mention the Florists' Review when writing advertisers.

Long Distance Phone, Central 6004 Established 1894

E. F. WINTERSON CO.

45, 47, 49 Wabash Avenue, CHICAGO

Wholesale Cut Flowers and Florists' Supplies

VIOLETS

FOR VALENTINE'S DAY. The finest stock in the west. Order of us and you will not fail to please your trade.

$6.50 to $7.50 per 1000; Special Fancy, $10.00 per 1000

Also a good supply of all other Cut Flowers in season

Emerald Green Carnation Fluid

For St. Patrick's Day Green Carnations Use

AJAX FLOWER DYE

The only Dye on the market that will color a beautiful **Emerald Green** and still allow the flower to retain its natural appearance. Money refunded if not satisfactory. Complete instructions free.

Per quart, by express, $1.00

For Valentine's Day

Heart-shaped Boxes, covered with **Fancy Gilded Paper, showing various flowers.** Also **Red Heart-shaped Boxes.** These are very attractive for your **Best Retail Trade.** We have them in two sizes. Include some in your order.

FANCY GILT HEART-SHAPED VIOLET BOXES

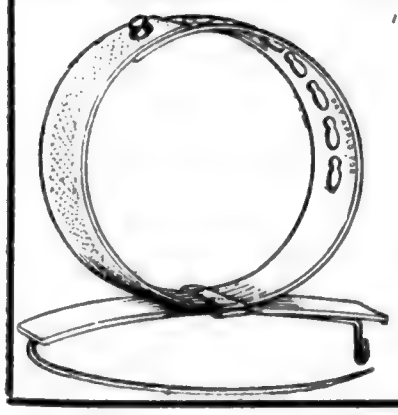
No. 1—Appropriate for 50 violets .....20c each; $2.40 per doz.
No. 3—Appropriate for 200 violets.....30c each; 3.60 per doz.

RED HEART-SHAPED VIOLET BOXES

No. 1—Appropriate for 50 violets.....$1.80 per doz.
No. 3—Appropriate for 200 violets..... 3.00 per doz.

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Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

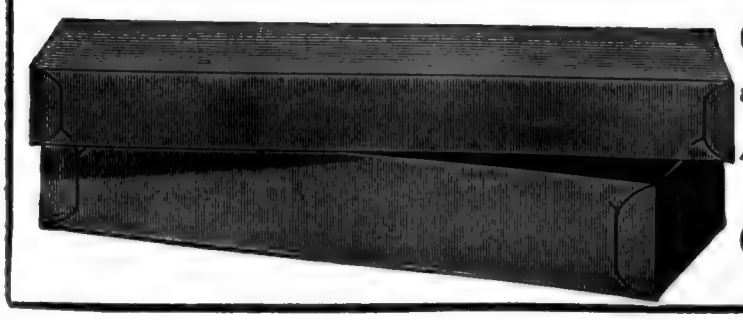
Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, **25c each,** by mail postage paid. **By the dozen, $3.00,** postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.



Cut Flower and Design Boxes

All sizes, lowest prices

Write

C. C. POLLWORTH CO.

MILWAUKEE

Mention The Review when you write.

Krick's Florist Novelties



Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands,** and the **Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. Just the thing for plant growers; will sustain a weight of 100 lbs.

1164-1166 Greene Ave., BROOKLYN, N. Y.



Mention The Review when you write.

Carnations	1st	2d	3d
50 blooms, yellow variegated.	6.00	4.00	3.00
50 blooms, mixed (private gardeners only).....	6.00	4.00	3.00
100 blooms, any one variety with foliage	12.00	8.00	6.00
Roses	**1st**	**2d**	**3d**
25 Killarney	$12.00	$ 8.00	$6.00
25 any other pink variety.....	12.00	8.00	6.00
25 Richmond	12.00	8.00	6.00
25 White Killarney	12.00	8.00	6.00
25 American Beauty.....	15.00	10.00	
25 any other variety.....	12.00	8.00	6.00
Miscellaneous	**1st**	**2d**	**3d**
100 Princess of Wales violets	$ 4.00	$ 3.00	$ 2.00
100 any other single violet..	4.00	3.00	2.00
100 Lady Hume Campbell violets	4.00	3.00	2.00
100 any other double violet..	4.00	3.00	2.00
25 spikes of mignonette....	5.00	3.00	2.00
25 spikes of antirrhinum....	5.00	3.00	2.00
25 spikes lily of the valley	5.00	3.00	2.00
Best arranged basket of flowers for retail florists.....	15.00	10.00	5.00
Best group of flowering and foliage plants covering 100 square feet of floor space, silver medal	40.00	30.00	20.00
Three palms, distinct varieties, not less than eight feet high.....	15.00	10.00	5.00
Twelve hard-wooded plants (azaleas, acacias, ericas, etc.)	20.00	12.00	8.00

Silver medals are also offered at this show for the best new carnation and rose not yet in commerce, also for display of sweet peas. There are also numerous classes for bulbous plants, cyclamens, etc. Premium lists will be forwarded on application to W. P. Rich, 300 Massachusetts avenue, Boston.

It was voted at the last meeting of the board of trustees to suspend all exhibitions for 1910 after the orchid show in May. Extensive repairs to the interior of the building are being planned, and these will occupy some months. The convention and show of the American Peony Society will, however, be taken care of.

W. N. CRAIG.

Niessen's News Column

ACACIA

Pubescens.
$2.50 per bunch.

If your customer calls for an attractive arrangement of flowers in yellow, something out of the ordinary, nothing fills the bill like Acacia. Exquisitely dainty, yellow flowers, borne on sprays of various sizes, covered with an abundance of delicate, green foliage. Our supply of this novelty is not equaled.

Carnations

Good stock, our selection of colors,
In lots of 500 and over,
$3.00 per 100.

Our supply of carnations consists largely of the better varieties. Our growers have, in quality, surpassed their production of other years. We can truly say that never before have we offered better quality, or larger values. Red carnations, Beacon, Victory, Bassett, etc., we have in quantity. An order for a few thousand of them we can fill at short notice.

SPRING FLOWERS

	Per 100.
SINGLE DAFFODILS	
Golden Spur	$4.00
Princeps	3.00
TULIPS	$2.50— 4.00
Fancy Doubles	4.00— 5.00
DAISIES, White	2.00
DAISIES, Yellow	3.00
VALLEY	3.00— 4.00
FREESIA	2.00— 3.00
SWEET PEAS, choice	1.00
	Per Bunch.
PANSIES, per hundred	$8.00
LILAC	1.00
PUSSY WILLOW	.50
PUSSY WILLOW, per doz.	5.00

DOUBLE AND SINGLE

VIOLETS

$7.50 per 1,000.

Quality all that can be desired. Can ship them to you the same day they are picked. They couldn't be fresher.

White Killarney Rose

PLANTS, Waban strain.

2-inch pots, per 100.....$ 8.00
2-inch pots, per 1,000..... 70.00

ROOTED CARNATION CUTTINGS

See our advertisement among the classified ads. Strong, clean, healthy cuttings, that we guarantee to give satisfaction.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

Easter Lilies

We are the recognized headquarters in Philadelphia for high-grade Easter Lilies. We have them in quantity throughout the season and can supply your orders for selected blooms, each stem carrying a small number of large, well-hardened flowers.

Stems of good length, foliage perfect, price $1.50 per dozen; $10.00 per hundred.

DAFFODILS, GOLDEN SPUR, very fine, in quantity.
WHITE TULIPS, pure white; long stems for cut flowers; short stems for design work.
SPRING FLOWERS in quantity.
WILD SMILAX for the decorator.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

"When the days begin to lengthen the cold begins to strengthen." The closing week of the social season has been marked by an active demand for all varieties of flowers that was insufficient to hold prices firm in the face of the increasing supply. The decline was most noticeable in carnations, in sweet peas, in violets, and, greatest surprise of all, in Beauties. It is probable that the decline in Beauties was quite as much due to the fact that the average quality was hardly up to the mark as to anything else; a flower must inspire admiration to become popular. The carnation market held well February 3, but increased receipts the next two days were more than the market could stand, despite excellent buying. The little additional activity occasioned by the close of the season was more than offset by the extraordinarily cold weather, which destroyed transient business.

Sweet peas, although quite as good as they were a week ago, have dropped back to $1 and sometimes 75 cents, due to increased receipts. The consumption is large. Violets have become quite plentiful and, while they sell well when the weather permits of street wear, extreme cold is most prejudicial to the violet. Spring flowers are better and more plentiful. Golden Spur is the daffodil of the day. The transactions in this variety alone have been heavy. Both yellow and white tulips can be had in quantity; they are not especially popular. Freesia is obtainable in quantity, the good stock going well.

The sales in greens have been enormous, asparagus leading the way, with adiantum an active factor at good prices.

To return to the more-sought-after flowers, Killarney is the leading rose and the quality of some of the stock is worthy of admiration. Richmond and Bride come next. Cattleyas are quiet; the heavy crop has been marketed and the moderate supply is about equal to the demand. Gardenias and valley, while much used, show no special change from the report of two weeks ago. Cyps are pretty nearly over. The supply of Easter lilies has been decreased by the temporary elimination of an important factor. Callas are becoming more plentiful.

The Storm.

Sunday morning, February 6, saw the severest storm that has visited this city in two years, a severe northerly gale increasing the distress of the zero temperature that came with it. The storm raged with great severity all night, causing anxiety in all the greenhouses near the city, but so far as learned everyone withstood the cold successfully. There were several close shaves, one instance being reported where the temperature of the house fell to 34 degrees, due to insufficient boiler capacity. The temperature moderated the following morning and with it the gale.

Carnation Pink Delight.

It may be of interest to carnation growers who were unable to attend the Pittsburg convention to know that of the carnations introduced a year ago none is in such lively request as Pink Delight. Pink Delight, an introduction of Fred Dorner & Sons Co., is a shade or two brighter than Enchantress, a little smaller in size, fragrant and long stemmed, especially so in the fall, when long-stemmed carnations are scarce. It is commanding $1 more today in the Philadelphia market than any other variety, saving possibly a few fancies. The stock is so scarce in comparison with the demand that none of the growers will take orders for Pink Delight unless with it come orders for some of the varieties they are most anxious to sell. Samuel S. Pennock, in speaking of this variety, called especial attention to the fact that it is a good keeper, a quality of first importance in every commercial variety.

Dorothy Gordon is Popular.

Joseph Heacock was asked, on his return from the carnation convention in

OUR SPECIAL

For this and next week will be a box of either 500 or 1000 of our best quality Carnations, our selection as to colors, but a splendid assortment of the fancy grades.

Price, $2.50 per 100.



SPECIAL REBATE

A discount of $1.00 on every 500 Carnations if this ad. is mentioned when ordering.

Acacia..... $2.50 per bunch
Single Daffodils (Emperor), fine large flowers, $4 00 per 100: $30.00 per 1000
Pussy Willow.....$6.00 per doz. bunches
Special price in quantity.
Sweet Peas, extra long.....$1.50 per 100
Sweet Peas, long and medium.. 50c, 75c and 1.00 per 100
White Lilac.....$1.00 and $1.25 per bunch
Paper Whites and Romans.....$2 00 and $3.00 per 100
Valley.....special, $5 00; extra, $4.00; No. 1, 3.00 per 100
Freesia.....special, 4.00: extra, 3.00; No. 1, 2.00 per 100

P M QUALITY

Daisies (white).....$2.00 per 100
Daisies (yellow)..... 3.00 per 100
Mignonette, splendid spikes.....$3 00 and 4 00 per 100
Gardenias.....special, $1.00; fancy, $3.00; 1st, $2.00
Cypripediums.....$15 00 per 100
Cattleyas.....$7.50 per doz.
Cattleyas..... 50.00 per 100
Double Violets (Lady Campbell)..... 7.50 per 1000
Single Violets (Princess of Wales and California), $5.00 per 1000.

RIBBONS. Some of the choicest novelties, exclusive patterns, an endless variety to choose from. **SUPPLIES OF ALL KINDS.**

——CATALOGUE ON REQUEST——

Open 7 a. m., close 6 p. m. Not open for business on Sundays Not responsible for flowers after delivery to express company

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street :: :: PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write.

Pittsburg, how the carnation growers liked his new carnation, Dorothy Gordon. Mr. Heacock said the interest taken in the new variety had been most encouraging. Everyone who saw it seemed to be interested and appreciative of its fine points.

Speaking about Dorothy Gordon, Mr. Heacock said that he firmly believes this variety to be the most profitable carnation ever introduced. It has been so with him, he said, and he sees no reason why it should not be so with other growers. When asked how the orders for the young plants are coming in, Mr. Heacock said that over 100,000 rooted cuttings had already been ordered. Of these, 70,000 have been sent out. When asked whether the supply would keep pace with so heavy a demand, Mr. Heacock said he felt confident that February and March, usually the heaviest months in carnation plant buying, will find sufficient cuttings of Dorothy Gordon at Wyncote to meet all requirements.

Coal.

Smith, Lineaweaver & Co. report the car situation as easier in both anthracite and bituminous regions. The tie-up experienced by the railroads following the storms of several weeks ago is gradually being overcome. The Pennsylvania railroad is now carrying coal readily, but the Baltimore & Ohio is still experiencing some difficulty is supplying cars. The orders for anthracite coal, steam sizes, are rather in excess of the supply, but all orders are being filled that have been placed a little in advance. The delay is greater in the bituminous fields. Business is active. Prices have not materially advanced.

The February Meeting.

The essayist of the evening sat down and one speaker after another rose to discuss the question of the hour, until

The Florists' Supply House of America

We are daily receiving large consignments of

EASTER GOODS

From abroad; many of these are going out immediately on their arrival to fill advance orders. Many more are here ready for your order.

Easter, always the greatest floral festival of the year, promises to be unusually popular this season. It is of first importance to you to have an ample supply of the best stock to show your customers. You cannot get this anywhere else so perfect as from us, for two reasons – we have the stock and we want to sell it; that means our goods are first-class, our prices reasonable.

Among our novelties for this season are new styles in

IMPERIAL CHINAWARE

Admitted everywhere to be the prettiest china novelty ever introduced, beautiful for table decorations and for favors.

New Pot Baskets, very choice, strawboard, with tall square and round handles, white, pink, moss green, Nile green, lavender and yellow, for all size pots from 5-in. to 12-in.; you will want this sterling novelty.

Fancy Baskets in many new and pretty designs.

Crepe Papers, water-proof, pleated, all the leading colors: our papers increase the value of pot plants fifty per cent.

Pot Covers, just name the size of the pot you wish to cover and we will send you the proper basket to fit it.

Everything in Florists' Supplies. **Send for Our Illustrated Catalogue.**

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

ten or more had been heard. Some were serious, some witty, some sauced business with fun. The members were served with wheat and chaff, it being left to each member to sift one from the other. The various branches of the florist tree were fairly, evenly distributed. Each branch advocated its side with a fervor born of total disregard of opposing interest. The value of these discussions is enormous; no one can listen to them without deriving food for thought, with certain benefit therefrom.

Various Notes.

Albert M. Herr, of Lancaster, Pa., will speak on "Carnations" before the Florists' Club March 1.

C. H. Twinn, North Tonawanda, N. Y., is in this city looking after the interests of the King Construction Co.

Samuel F. Lilley, the youngest commission merchant in this city, is the latest nominee for membership in the Florists' Club.

John R. André, Doylestown, Pa., has shown marked ability as a Killarney specialist this season.

C. S. Levis, Aldan, Pa., has been making a success of his sweet peas this winter. Mr. Levis purchased the greenhouses of W. C. Smith, Sixtieth and Market streets, erecting them in good shape on his new place at Aldan, last fall.

Godfrey Aschmann has his 5,000 lilies, multiflorum, giganteum and Formosa, in excellent condition, nicely timed for Easter. His other stock looks well.

Frank Gall, until recently manager of the Century Flower Shop, has succeeded Frank S. Jackson as manager of the Thornhedge Nurseries. Mr. Gall will produce for three stores, no small undertaking. His friends are confident that he can make good in his new place.

R. Schoenhut, of Buffalo, N. Y., visited this city February 7.

H. Bayersdorfer & Co. have a new imported pot cover that recommends itself to everyone who sees it, for business reasons.

A. C. Brown, Springfield, Ill., sent a vase of his new carnation, Sangamo, to the Florists' Club meeting February 1. Unfortunately, it failed to reach the city

BERGER BROTHERS

WHOLESALE FLORISTS

1305 Filbert Street, Philadelphia, Pa.

Spring Flowers

Everybody likes a hustler. They want someone who will spare no pains to get an order out as ordered, in number, quality, and time. We want your orders and will do our very best to fill them just as you wish; doesn't matter whether the orders be small or large, they are welcome and will have our best attention.

Daffodils, Tulips, Easter Lilies, Violets, Selected Carnations

Have you called at the most centrally located florists' house in Philadelphia? If not, come; we shall be glad to see you.

Mention The Review when you write.

MALINES

without any fancy names but goods of value

We are selling now, one at 8½c per yard, 30 yard pieces, in 30 different shades.

Malines come to us direct from European makers. Buying our Malines, you save all between costs, same as on our Ribbons and Chiffons.

Samples of our entire line free

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

...HERE YOU ARE...

TONE

TRADE MARK GSB

CLASS

St. Patrick Green

(The Only True Irish Color)

DARK GREEN (The color beautiful)

You have never **seen a Carnation Green** unless **you** have used **our** brand. Our coloring is not a **joke,** but is getting the business. It is scientifically prepared and sold under **a guarantee.** Used by the leading florists and dealers throughout the United States and Canada. Sent postpaid on receipt of price, $1.00 the quart. Order your supply **now** for St. Patrick's day.

We make a **Yellow, Blue, American Beauty, Orange** and **Lavender.** All colors $1.00 the quart, except Blue, which is $1.25, postpaid.

Sample of all colors FREE for the asking.

Burton-Allison Company

CHICAGO, ILL., (Formerly St. Louis) U. S. A.

P. S. Our CUT FLOWER PRESERVER is used by leading florists. It retains the natural LIFE and BEAUTY of cut flowers from 3 to 5 days longer than is possible without its use. Price, $12.00 the dozen quarts; sufficient quantity for 1200 gallons of water.

Mention The Review when you write.

THE KERVAN CO.

113 W. 28th St., NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmetto and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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CUT FLOWER BOXES

EDWARDS FOLDING BOX CO

MANUFACTURERS

PHILADELPHIA, PA.

Mention The Review when you write.

Green Carnations

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market 3 packages, 60c; $2.00 per doz. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Mention The Review when you write.

CYACEINE FLOWER COLORING

20c per quart of any color, by mail.

St. Patrick Green, Pink, Orange, Blue, Yellow, American Beauty

Remit with order. Cash or stamps.

C. R. CRANSTON, 73 Fifield Ave., Providence, R. I.

Mention The Review when you write

until the following morning. The flowers remained at the store of the Pennock-Meehan Co. until February 5, when Mr. Pennock took some of them home. They remained there two days and were in excellent condition on the morning of February 7. This indicates a good keeper.

Carmen Dengaer has succeeded Frank Gall as manager of the Century Flower Shop.

L. R. Hancock, Burlington, N. J., is once more in the fore with fine freesias.

The steamer Pisa has reached Philadelphia with many Easter novelties for M. Rice & Co.

H. Bester, Hagerstown, Md., has sent some fine blooms of his pink carnation to the S. S. Pennock-Meehan Co.

Frank L. Politis is testing the truth of the old adage that "new brooms sweep clean" in his Chestnut street store.

The American Window Glass Co. has withdrawn the 90 and 10 per cent discount from quotation, preparing, it is said, for an advance in price.

The price of linseed oil has advanced, due, it is said, to a short seed crop.

George A. Strohlein, Riverton, N. J., is expected home from Europe next week.

The term "poor relations" has become proverbial; the term "cousins," applied to sorry looking, short-stemmed American Beauties often seen at this season, is the apt invention of Charles P. Poryzees.

PHIL.

All the growers and gardeners of Philadelphia and vicinity have been sent cards of invitation to a public test of the insecticide Aphine, at the store of the Henry F. Michell Co., 1018 Market street, Saturday afternoon, February 12, from 2 to 5 o'clock. The demonstrators request that any who can do so bring insect-infested stock for treatment. A large attendance is expected.

HUDSON, N. Y.—J. Bryant, of A. H. Hews & Co., the pottery firm, was a caller at R. W. Allen's and expressed the opinion that the healthy condition of the fine orchids here was chiefly due to the excellent pots they are grown in. Admitting this to be so, the combination cannot be beaten.

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



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Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

Mention The Review when you write

Southern Wild Smilax Ferns, Pines, Palms, Holly
Louisville Floral Co., Louisville, Ala.

INDIANAPOLIS.

The Market.

Trade conditions last week were only fair. The dull weather which has prevailed during the last month has had a great effect on the supply of roses. Carnations are more plentiful, but the recent cloudy weather has weakened the stems. Bulbous stock is coming in larger quantities and is moving well.

Various Notes.

F. Harriot has purchased an automobile to use in connection with his nursery business.

B. Fohl, formerly with the Lebanon Greenhouses, has taken the position as florist at the Plainfield Reform School for Boys.

The visitors last week were: N. Gano, of Martinsville; William Dykes, with Ed Jansen, New York, N. Y.; G. L. Huscroff, with Wm. Hagemann & Co., New York, N. Y.; Joseph Rolker, of Aug. Rolker & Sons, New York, N. Y.; Mr. Knickman, with McHutchison & Co., New York, N. Y.; Charles Schwacke, with C. F. Meyer, New York, N. Y.

John Bertermann is contemplating purchasing an auto for his own use this spring.

N. Gentlemen, formerly gardener at the State House, has taken over the greenhouses recently owned by Martin Nelson.

The Indianapolis Flower & Plant Co. has been cutting some fine Bride & Maid.

H. L. W.

EASTPORT, ME.—Geo. R. Raye has opened a flower store here and will act as local agent for the greenhouses of Mitchell & Co., of Waterville, Me.

MIDDLETOWN, N. Y.—E. A. Lorentz grows good roses, preferring grafted stock. His lilies look promising for Easter.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

.... BALED SPRUCE FOR CEMETERY USE ....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Brague & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

Mention The Review when you write.

Galax, Leucothoe, Ferns, Etc.



Brilliant **Bronze Galax**.....50c per 1000; $4.00 per case of 10,000
Green Galax.....50c per 1000; 4.50 per case of 10,000
Leucothoe, green, standard length.....$2.50 per 1000
" " short beauties..... 1.25 per 1000
" bronze, good length..... 4.00 per 1000
Dagger and Fancy Ferns.....$1.25 per 1000; $5.00 per case of 5000



We can just simply fill your orders and fill them now. Quality always guaranteed.

T. J. RAY & CO., Elk Park, N. C.

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WILD SMILAX

Case or carload lots. Get my prices; it will save you money.

WM. MURPHY, 311 Main Street, CINCINNATI, OHIO

Mention The Review when you write.

Southern Wild Smilax

Gathered **for you** any day.
October 1 to Easter.
To the **Florist Trade** only.

R. M. WOMACK, Wills Point, Tex.

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FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.35 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Always mention the Florists' Review when writing advertisers.

GALAX, LEUCOTHOE SPRAYS

For size and color we challenge the country. If quality is what counts, then give us a trial. We guarantee absolute satisfaction.
Green or bronze **Galax,** 50c per 1000.
Leucothoe Sprays, green, 2 feet and up long $2.50 per 1000.
Leucothoe Sprays, 16 inches and up to 2 feet, $1.50 per 1000
Leucothoe Sprays, bronze, good lengths, $4.00 per 1000.

Liberal discount on large orders.

THE TUCKASEIGEE EVERGREEN CO.
SYLVA, N. C.

Always mention the Florists' Review when writing advertisers.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50

Boxwood
Per bunch....25c Per case of 50 lbs... 6.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$6.00

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.00

Wild Smilax
Per 25 lb. case..$3.00 Per 50 lb. case.. 5.00

WRITE ME FOR SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Street, Cincinnati, Ohio

Mention The Review when you write

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

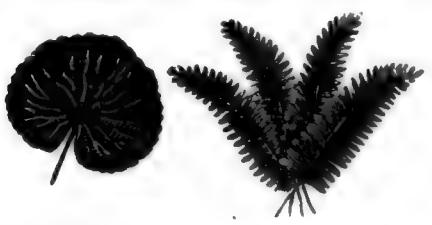
WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green.....$0.50 per 1000
Galax, bronze..... .50 "
Ferns, dagger and fancy..... 1.00 "
Green Leucothoe Sprays, regular lengths..... 2.00 "
Green Leucothoe Sprays, 10 to 15 inches..... 1.00 "
Bronze Leucothoe, regular lengths..... 2.75 "
Bronze Leucothoe, 10 to 15 in... 1.50 "

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.



GALAX LEAVES. DAGGER FERNS.

Dagger Ferns or Fancy Galax Leaves, bronze or green; all A-1 stock guaranteed. Can also send samples. Once tried you will always use our stock. **A. L. FORTUNES**
70 Liberty Street, Brooklyn, N. Y.

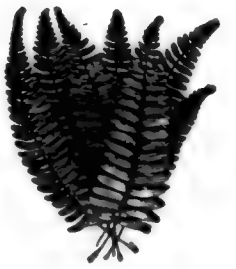
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E. A. BEAVEN, Evergreen, Ala.

HENRY M. ROBINSON & CO.

WHOLESALE COMMISSION FLORISTS
CUT FLOWERS OF ALL KINDS



Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.



15 Province St., and 9 Chapman Place, **BOSTON, MASS**

Mention The Review when you write.

J. H. VON CANON & COMPANY

Evergreens Fresh From The Woods



Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, $1.00 per 1000; 4.00 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N. C.**

Mention The Review when you write.



The best Fancy Ferns in the Market

$1.25 per 1000. If they are not first-class on receipt, don't pay for them.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

AMHERST, MASS.

Floriculture at the Agricultural College.

The short course in floriculture at the Massachusetts Agricultural College began January 4 with the registration of ten. This registration includes: Albert C. Bradstreet, Topsfield, Mass.; Lydia A. Bowser, Cohasset, Mass.; George A. Gray, Beverly, Mass.; Edward L. McCarroll, Waban, Mass.; Albert Lewis, Rockaway, Long Island, N. Y.; John L. Killam, Boxford, Mass.; Willard M. Pease, Monson, Mass.; William Scace, Pittsfield, Mass.; Edwin G. Scott, Garfield, Wash.; Edwin R. Selkregg, North East, Pa.

The class has thus far taken three Saturday observation trips, the first to the commercial range of H. W. Field, Northampton, the second to the conservatories connected with Mt. Holyoke College, and the last to the large commercial establishment of A. N. Pierson, Cromwell, Conn. On each of these trips the students have been provided with outlines and have been required to make notes on special types of construction and the different cultural methods used.

Aside from the general lectures of the course, a talk each week has been given by some practical man, on various features connected with greenhouse work. The speakers thus far have been F. J. Elder, heating expert, Lord & Burnham Co., Irvington-on-Hudson, N. Y., and Eber Holmes, Montrose, Mass., who gave an interesting and instructive talk on rose culture. On Tuesday, February 8, Peter Fisher spoke on the development of the carnation, and he will be followed February 15 by M. A. Patten, on cultural methods with the carnation. February 21 W. H. Elliott, of Brighton, will lecture on rose culture, and March 1 E. O. Orpet, of Lancaster, will speak on orchid growing. March 8 E. J. Canning, of Northampton, will speak on the work of the private gardener. It is hoped that arrangements may be made during the course to have Charles H. Totty, of Madison, N. J., talk on chrysanthemums. Edward MacMulkin, of Boston, was scheduled to lecture on the retail trade, but was prevented from doing so because of sickness.

Twenty four-year students are taking the floricultural course this year. The first half of the year has been devoted wholly to practical work, and few lectures have been given. The work has been under the direct supervision of the instructor in floriculture, and has included glazing, concrete bench construction, propagation of bedding plants by cuttings, propagation of carnations, rose grafting and design work. Saturday, January 22, a public exhibition of designs made by the students was given in French hall. Each student prepared for this exhibition a galax wreath with flowers of varying kinds, also an emblem of the various fraternal orders.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As carnation and pot plant grower; single, 33 years old; state wages. Address No. **208,** care Florists' Review, Chicago.

SITUATION WANTED—By young lady having several years' experience in a retail flower store; reference. Address No. **213,** care Florists' Review, Chicago.

SITUATION WANTED—By a thoroughly competent decorator, designer and salesman; references from former employers. Address No. **209,** care Florists' Review, Chicago.

SITUATION WANTED—By landscape engineer, German; thoroughly experienced surveyor and draftsman; landscape plans carried out. Address No. **182,** care Florists' Review, Chicago.

SITUATION WANTED—Experienced gardener, recently married, desires position on private place; first-class references. Address Johnson Seed Co., 217 Market st., Philadelphia, Pa.

SITUATION WANTED—As gardener on private place; thoroughly experienced, trustworthy, reliable man; can give best of references as to character; strictly temperate; married. Apply Rose, Box 267, No. Easton, Mass.

SITUATION WANTED—Young married man, 28 years, life experience in florist business, capable of taking charge, would like position in or near Chicago; best of references. Address No. **198,** care Florists' Review, Chicago.

SITUATION WANTED—By florist; single; 24 years old; German; strictly sober; good grower and good hustler; can take charge of private or retail place; wages $75 a month. Address No. **175,** care Florists' Review, Chicago.

SITUATION WANTED—By a grower of carnations, as section man; steady and sober; is working for one of the largest growers who has taken many prizes; good reference; state wages. Address No. **211,** care Florists' Review, Chicago.

SITUATION WANTED—By experienced grower of carnations, mums, roses, etc., as manager or foreman on a private or commercial place in the vicinity of Phila.; married; best of references; state particulars. Address No. **202,** care Florists' Review, Chicago.

SITUATION WANTED—Young man, single, age 25, wants position as orchid grower in private place; was 3 years under Chas. Bond at Mrs. Geo. B. Wilson's, Phila.; nine years' experience at gardening. Address Wm. Shaw, 732 North 41st Street, West Philadelphia, Pa.

SITUATION WANTED—By first-class rose grower; age 26; honest, sober, reliable, capable of taking charge; a position as grower under foreman or as assistant where good roses are grown; best references; state wages. Address No. **178,** care Florists' Review, Chicago.

SITUATION WANTED—By section man, as carnation grower; has worked for some of the largest growers, who have taken many prizes; can furnish reference from present employer; single and sober; state wages. Address No. **212,** care Florists' Review, Chicago.

SITUATION WANTED—Competent florist and gardener seeks position as head gardener or will take charge of greenhouses on first-class private place; Swede, 31 years of age; 16 years' experience, 10 years in America; personal references. Address No. **195,** care Florists' Review, Chicago.

SITUATION WANTED—By competent grower of roses, carnations, mums and pot plants in general, fully capable of taking charge; 15 years' experience; age 30; single; ready March 1st; best of references; please state wages and particulars in first letter. Address No. **201,** care Florists' Review, Chicago.

SITUATION WANTED—By middle-aged married man, has 20 years' experience; 7 years in America; am desirous of obtaining position with a good, reliable florist in or near Chicago; have occupied my present position for the last 6 years; can furnish best of references. Address No. **194,** care Florists' Review, Chicago.

SITUATION WANTED—By a young, all-round florist, age 23, sober, single, eleven years' experience, good references, not afraid of work, considerable experience in the growing of carnations, mums, and a general line of potted plants; state wages in first letter, with or without board and room. Address No. **200,** care Florists' Review, Chicago.

HELP WANTED—Carnation and mum grower, single, must be strictly sober. Apply N. C. Moore & Co., Morton Grove, Ill.

HELP WANTED—A day fireman; wages $12 per week; in state of Indiana; steady position. Address No. **203,** care Florists' Review, Chicago.

HELP WANTED—Experienced lady clerk for store; must be capable of making up funeral work, etc.; none but an ambitious and willing party need apply. Address Chas. Frueh & Sons, Saginaw, Mich.

HELP WANTED—Single young man with some experience in greenhouse work; must be industrious and have no bad habits; state wages wanted with board and room. Ira Clark & Co., Greensburg, Ind.

HELP WANTED—Married man as gardener on private place near Chicago. Address No. **171,** care Florists' Review, Chicago.

HELP WANTED—A good man for ferns, azaleas, mums and general greenhouse work; wages $15.00 a week. Address No. **105,** care Florists' Review, Chicago.

HELP WANTED—A first class rose grower; must be capable of taking complete charge, and one who can produce the stock; give reference and salary. Address No. **163,** care Florists' Review, Chicago.

HELP WANTED—A young man, 18 to 20 years old, one who has had 2 or 3 years' experience in potting and general greenhouse work; give reference; state salary. W. E. Trimble Greenhouse Co., Princeton, Ill.

HELP WANTED—Assistant; reliable young man with some experience as grower; competent to wait on trade when needed; retail place, 15,000 feet glass; good opening. Address No. **147,** care Florists' Review, Chicago.

HELP WANTED—Grower of bedding and potted plants for store trade; reference required; position open now; good opportunity for young man who wants to advance. Address Hubbard's Seed House, Topeka, Kan.

HELP WANTED—A first-class rose and carnation grower; one having had western experience preferred; best wages and a steady place to a man who can produce the goods; southwest; send references. Address No. **196,** care Florists' Review, Chicago.

HELP WANTED—At once; a good all-round greenhouse man for retail place; one not afraid of work, sober and reliable, able to take charge when needed; married man preferred; state wages with references in first letter. James Frost, Greenville, O.

HELP WANTED—First-class store man in St. Louis; one who thoroughly understands the retail florist business; salary $100 a month to start; don't apply unless you can come well recommended; apply at once. Address No. **179,** care Florists' Review, Chicago.

HELP WANTED—A competent and experienced gardener, married, small family, for small flower and vegetable garden on gentleman's country place; comfortable house and firewood furnished; good wages; references required. Address P. O. Box 397, Nashville, Tennessee.

HELP WANTED—An experienced seedsman with $5,000 to take an active interest in a well paying terminal shipping and retail seed and grain business in Oklahoma; excellent opportunity; no one but an experienced seedsman need apply. Address No. **189,** care Florists' Review, Chicago.

HELP WANTED—Good grower of carnations and general stock; must be a good designer, middle age, honest and reliable; able to take charge when needed; none other need apply; wages $40.00 per month, board and room; southwest Texas. Address No. **204,** care Florists' Review, Chicago.

HELP WANTED—Single grower and propagator of roses, carnations, mums and general line of pot plants, also winter vegetables, to take charge, under manager, of private plant (10,000 ft.) near Pittsburg, Pa.; state age, nationality, wages with board and room, experience and references. Box 30, Rural Delivery 1, Sharpsburg, Pa.

WANTED—Small greenhouse establishment with residence and acreage; give particulars and price. Address No. **187,** care Florists' Review, Chicago.

WANTED TO RENT—For retail purposes, two or three greenhouses in good repair, with few acres of land. Address full particulars to No. **210,** care Florists' Review, Chicago.

PARTNER WANTED—On a new place, in a city of 100,000, in southern Indiana; fine location for wholesale and retail; a good chance to get into business with small capital. Address No. **183,** care Florists' Review, Chicago.

WANTED—Positions near New York and Philadelphia for graduates of the Baron de Hirsch Agricultural School on gentlemen's estates and commercial florists, as greenhouse and garden help. Apply to H. W. Geller, Supt. Baron de Hirsch Agricultural School, Woodbine, N. J.

WANTED TO RENT—With the privilege to buy in a year or so, 15,000 to 35,000 feet of glass in good condition, with some land, dwelling, etc.; in no city less than 25,000 inhabitants; near car line; with city water and improvements; I am a grower of first-class stuff only in cut flowers, also Christmas and Easter pot plants; have a few thousand dollars to invest now, later more; please don't write or bother about old, tumbling down places; I would like to take possession April or May, latest first of June. Address No. **174,** care Florists' Review, Chicago.

WANTED TO BUY—Small greenhouse, Indiana, Ohio or Illinois preferred; must be in good running order and bear investigating. Address No. **197**, care Florists' Review, Chicago.

PARTNER WANTED—Near Chicago; large greenhouse plant; a good chance for an energetic, first-class florist; one experienced in fancy potted plants preferred; wholesale trade; best shipping point; $1200 to $1500 required. Address No. **206**, care Florists' Review, Chicago.

FOR RENT—8 houses, 100x18, with plenty of ground; on city car line. Address Mrs. E. C. Henry, Frankfort, Ky.

FOR SALE OR RENT—Greenhouse, store, dwelling and stock complete; located on main street in growing south side suburb of Chicago. Owner, 731 Barry Ave., Chicago, 1st flat.

FOR RENT—In St. Louis, 7000 feet of glass with 7-room residence; located three blocks from car line; 40 minutes' ride to wholesale houses. Address No. **214**, care Florists' Review, Chicago.

FOR SALE OR RENT—Seven greenhouses stocked with roses, Brides and Maids, in A1 condition; two 18x150; one 38x162; four 12x150; rent reasonable or price right. Inquire of Mrs. J. M. Lyons, 150 Park av., Madison, N. J.

FOR SALE OR LEASE—A well established business on main business street of thriving town of 7,000 people; 45 miles from St. Louis; 6,000 feet of glass, dwelling of ten rooms, large barn and other outbuildings; lot, 75x180 ft.; houses well stocked with carnations, bedding and decorative plants; large trade with no competition; best of reasons for selling; or will lease to responsible person; a splendid opportunity for the right party. Call or address Hibbert Floral Co., Main and Fletcher sts., De Soto, Mo.

FOR SALE—River View Greenhouses and Garden; a great bargain; private reasons for selling. W. C. Whelchel, Prop., Covington, Ind.

FOR SALE—Nurseries, greenhouse and retail business in rapidly growing town; write for particulars. H. A. Curtis The Florist, St. Petersburg, Fla.

FOR SALE—Glass, 100 boxes A. D. 16x16; 6 boxes 16x20 A. D. and 6 boxes 16x24 A. D; all new glass. Inquire of Ira H. Landis, Lancaster, Pa.

FOR SALE—1 plate glass florists' refrigerator, with steel structural work; been used about two months. Address Fort Wayne Refrigerator Co., Fort Wayne, Ind.

FOR SALE—1 large sized Morehead steam trap and No. 2 receiver; good as new; used but three years; cost $225; will sell cheap. The Fifth Ave. Floral Co., Columbus, Ohio.

FOR SALE—5,000 feet glass, well stocked with carnations, roses and pot plants; city of 20,000; greenhouse new; ground 150x425 feet. Address G. G. Tarr, Box 211, Enid, Okla.

FOR SALE—9000 feet of modern greenhouses, new dwelling and barn, 6¼ acres of good land; only 3 miles from Buffalo city line; very reasonable. Inquire Parke, Hall & Co., 72 Pearl St., Buffalo, N. Y.

FOR SALE—10,000 ft. of glass on leased land on which the lease has 7 years yet to run; located near three cemeteries and have good trade; will sell all or take partner. Address Jacob Russler, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—$1800 cash will buy a first-class florist store, good will; finest reputation, and excellent references from wholesalers, established 20 years and doing a good business; going into other business. Cella's, 2100 Columbia Ave., Philadelphia, Pa.

FOR SALE—6000 ft. glass on 1 city block, 1½ mile from center of city with 25,000; southwest; good dwelling, greenhouses good as new; splendid opportunity for florist or trucker with some money; price $4000.00, part down, balance on time at 6 per cent. Address No. **167**, care Florists' Review, Chicago.

FOR SALE—In Chicago, established retail florist, 7 greenhouses, 10,000 square ft. of glass on valuable corner, 125x165; 6 room modern residence; shows net income of over $3,000 per year; must be sold to divide estate chance of a life time; price $7,500. H. O. Stone & Co., 125 Monroe Street, Chicago.

FOR SALE—Well established florist business in R. R. div. town of about 6,000, in northeastern Indiana; well stocked for retail trade; dwelling of four rooms and cellar attached to greenhouses; hot water heat throughout; centrally located; correspondence invited. Address No. **207**, care Florists' Review, Chicago.

FOR SALE—Refrigerators: No. 1—show case form, double plate glass sides, mirror back, marble floor and base, carved wood-work, sliding doors, 11-ft. high, 14-ft. long, 6-ft. wide, price $275.00 f.o.b. Pittsburg. No. 2—McCray box, 10-ft. high by 8-ft. by 6-ft., no glass, price f.o.b. Pittsburg, $140.00. A. W. Smith Co., Keenan Bldg., Pittsburg, Pa.

FOR SALE—12 acres rich black soil, with three greenhouses, near city. H. W. Williams, 424 Fulton St., Peoria, Ill.

FOR SALE—Four greenhouses, about 7000 ft. glass; seven miles from center of city of Cleveland, on car line; well stocked; steam heat; for $4500.00 cash. Address No. **199**, care Florists' Review, Chicago.

FOR SALE—Half interest in $16,000 wholesale and retail place near Chicago; 25,000 ft. glass, stocked with roses and carnations; seven acres planted in fruit; two dwellings, horses, cows, wagons, buggy, tools, etc., $2500 cash, balance ($5500) $500 per annum, 5 per cent interest; possession March 1st. Address No. **153**, care Florists' Review, Chicago.

FOR SALE—Greenhouses, 8000 feet; one block land, 575x255; within city limits, near union depot, within ten minutes' walk of main business section; established ten years; or will go into partnership with responsible party; demand requires from 15 to 20,000 ft. of additional glass; no competition to speak of within a circle of 300 miles. Address Thomas Biernstad, Baker City, Ore.

SITUATION WANTED

By married man, 18 years' experience; can take charge private or commercial place, or will take second man or vegetable gardener on private place; first-class grower of roses carnations, chrysanthemums, palms, ferns, fruits and vegetables under glass; landscape; state wages. Address K, 596 S. Main St., Chambersburg, Pa.

Situation Wanted

By a married man as foreman or manager; a first class grower of carnations, mums and general stock; strictly sober and not afraid to work; fully capable of taking charge; can furnish excellent references from former employers; state wages in first letter; answers from up-to-date places only expected. Address Norwood O. Halbrooks, Sta. A., Box 282, R. F. D. No. 2, Columbus, Ohio.

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Wire Workers AT ONCE

Good wages! Steady work! and **extra pay for over hours.** Immediate and constant positions for good men.

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88 Rochester Ave., Brooklyn, N. Y.

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A first-class rose and carnation grower; in Pennsylvania; wages $18.00. Address No. **150**, care Florists' Review, Chicago.

Shippers, Attention

We can use to advantage, good Roses, Daffodils, Freesia, Tulips, Lilies and Greens; will either buy outright or sell on commission.

Address No. 158,
Care Florists' Review, Chicago.

FOR SALE

Well established florist business in town of 7000 in southern Indiana; consists of 3 houses—6000 sq. ft. of glass, well stocked with carnations and general line of plants for retail trade; a dwelling, seven rooms, and several acres of ground; no opposition; price, $3,500.00; part cash and rest on easy payments to suit purchaser; can give possession at once; correspondence invited. Address No. **125**, care Florists' Review, Chicago.

For Sale in Oklahoma, Greenhouses and Store

Muskogee Carnation Co. will sell up-to-date greenhouses and store to a cash purchaser; the only florist business in city of 25,000 inhabitants; the business will pay for itself in 4 years and the property will DOUBLE itself in 1 year; the finest place to be seen anywhere; come and see it for yourself, I know you will like it.

Muskogee Carnation Co.
C. E. Taube, Manager. **Muskogee, Okla.**

For Sale

One fine delivery Automobile for florists. For particulars address A. Brix Floral Co., 1518 St. Louis Ave., St. Louis, Mo.

Unexampled Chance

For a first-class grower with executive ability and capacity, to take charge of 50,000 square feet of glass most modern in construction and equipment, for growing cut flowers and plants, about to be erected in most progressive part of United States, where competition amounts to almost nothing; can sell entire product now, and plant will have to be doubled in two or three years at most with right management; if you do not possess these requirements and have not got $3000 to $5000 to take stock in the $50 000 corporation, do not reply; but if you have and can produce the goods, you get the chance of your life by addressing No. **205**, care Florists' Review, Chicago.

To Rent

A very rare opportunity

One of the most modern and up-to-date florist establishments of about 15,000 sq. ft. glass, hot water heat, Superior tubular boiler; entire place equipped with electric lights, cement walks and floors; work building 20x115 ft.; 2-story 8-room modern flat; good established business; the conveniences and accommodations to all transportation, etc., are too numerous to mention here, they cannot be excelled; if interested, an investigation will convince.

RICHARD F. GLOEDE
1405-1407 Central St., EVANSTON, ILL.

For Sale!

A Western Nursery

of 40 acres of deeded land and 40 acres of leased land; stock all salable sizes, clean and healthy, not a scale or bug on the place; the last 5 years the trade has almost doubled each year; we ship from 500 to 1200 miles north and west of us; the trade to be supplied is unlimited; a complete line of general nursery stock; we have other lines, and more than we can handle; if you want a good, sound, paying investment, we have it; we are well established and advertised; strictly a catalogue trade; has been run on the square and has a good name; will sell for cash or part cash and time on balance to the right man; must have some money and knowledge of the business.

Address
No. 68, Care Florists' Review, Chicago

Greenhouse For Sale

Sickness compels me to go to a different climate and I will sell my greenhouses, about 3000 feet of glass, all put up of the very best materials this fall, and well stocked with salable plants; also a two-story, nine-room dwelling house, heated with hot water from same boiler; good barn, new buggy and harness, one horse, barn and other buildings, nearly new; hotbeds and all necessary tools; two lots, front 130 by 200 feet; only a few rods from the business center and street car line; price $6000.00; $3000.00 down and $500.00 a year until paid; every room is furnished, nearly new; will take $200.00 extra and leave furniture, carpets and curtains; this is an ideal place for retail and can be enlarged at a very small expense; an extra good place even for a lady who likes the business; would give possession at once so as to take advantage of the spring sales; come and see, and if you don't find everything according to this adv., I will pay your fare both ways and $10.00 a day for your time; if you yourself are not interested, please clip this adv., out and give to a friend.

N. P. COLBERG, - Princeton, Ill.

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Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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We can fill your floral orders day or night for

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Always have complete stock on hand. Regular discount allowed the trade.

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Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

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Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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Near Madison Ave.

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Our exclusive location calls for best stock. Square deal guaranteed.

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Both Long Distance Phones, St. Louis, Mo.

BUFFALO.

The Market.

For the last two months we have enjoyed an ideal old-fashioned winter, with steady snow and cold, except on one or two occasions of mild spells. The coal bills tell best of the steady cold, for most greenhouses report an unusually large bill for December and January. The dark weather has also been with us, and with the exception of last week we have had little sun since early in December. As a result, roses are scarce and naturally up in price. Carnations were greatly relieved by bulb stock, which has been well received, with plenty to go around and good prices. The early bulb stock is a pleasure to handle in every way, not so long stemmed as to be weak and always good, clean flowers. They also make up and sell well in pans. Violets and valley are always in demand, but are rather short at the present time.

Carnations were much in evidence in town for McKinley day. One house supplied 20,000 for the occasion, they being used by one of the charitable institutions of the city. Girls and women were placed on the principal streets and the flowers were sold to everybody whom they could stop. This greatly affected the sale in the retail stores, but nevertheless

M. A. Bowe

IN HEART OF NEW YORK CITY

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Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

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We can refer to leading florists in all principal cities. Established 1870.

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Flowers Delivered in City or State on Short Notice

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Prompt and personal attention given your orders by expert artists.

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Headquarters for Cut Flowers and Funeral Designs

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DARDS, N. E. Cor. 44th Street and Madison Avenue, NEW YORK
Telephones 4025-4026, 38th Street,
Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.
Cable Dardsflor, Western Union — Established 1874

WARENDORFF
NEW YORK CITY.
The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.
Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.
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COVER ALL OHIO POINTS
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Long Distance Phone
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Orders Carefully Filled
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Flowers for all occasions, from cradle to grave.

E. O. LOVELL GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

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MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

CHICAGO
30% 30% 30% 30%
PLACE your Chicago orders with us. We carry the largest stock in Chicago. Located in the center of the city and in the same block with the Wholesale Flower Market. 30% discount on all orders from out of town florists.
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Washington, D. C. Blackistone Also 1601 Eutaw Place.
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C. M. SCHAEFER, Mgr.
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44 to 52 ARCADE, DAYTON, O.

Minneapolis, Minn. LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

great numbers were sold by the retailers.

Easter stock is the principal point of interest to greenhouse men just now, and the lilies are being forced to the limit. Giganteums are grown principally, and all stock looks clean and healthy. The bulk of the stock looks promising, especially the roses.

Various Notes.

The Buffalo Florists' Club held its monthly meeting Tuesday, February 1, and it was fairly well attended. Nominations were made and President Slattery's paper was read. The meeting closed with refreshments.

All the boys were pleased to hear of Wm. F. Kasting's appointment to the office of treasurer of the S. A. F.

Mr. and Mrs. David J. Scott, of Corfu, N. Y., also of the Wm. Scott Co., of Buffalo, were pleased with the arrival of a big baby boy January 3.

Joe Sangster, for a number of years with S. A. Anderson as head store man, has left and is engaged in his own business at 1291 Jefferson street. He has a

CLEVELAND
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EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

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Special Deliveries Niagara Falls and Lockport

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Write, Telephone or Telegraph.
All orders given prompt attention.

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All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by

George H. Berkley

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Write, Wire or Phone Your Orders to

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Regular discount allowed on all orders, either Plants or Cut Flowers.
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40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

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and all New England Points — T. J. JOHNSTON & CO. 171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

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neat store and is situated in a rapidly growing section. Mr. Sangster may not have the opportunity to use his artistic taste as he did with Mr. Anderson, but he is a hustler, and his success is assured.

The bowling club has changed the place of meeting to larger quarters, to accommodate the ever increasing crowds. The members are much pleased over the change, and good times are enjoyed every Monday night. R. A. S.

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Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
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Pannonia	New York	Naples	Feb. 12
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Canopic	New York	Italy	Feb. 12
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Chiyo Maru	San Fr'isco	Hongkong	Feb. 15
Awa Maru	Seattle	Hongkong	Feb. 15
Campania	New York	Liverpool	Feb. 16
Zeeland	New York	Antwerp	Feb. 16
Cedric	New York	Italy	Feb. 16
California	New York	Glasgow	Feb. 19
Friesland	Philadelphia	Liverpool	Feb. 19
Nile	New York	Jamaica	Feb. 19
Caronia	New York	Egypt	Feb. 19
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Choice Flowers always on hand. Grown here.

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Personal Attention Given Your Orders.
Satisfaction Guaranteed.

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Orders solicited for all parts of Connecticut.

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Will fill orders for the West on short notice.
Trade discounts. First-class stock.

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All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand

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Always on Time

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.

Choice Seasonable Flowers
ALWAYS ON HAND.

Hoffman FLORIST
59-61 Massachusetts Ave. for Commonwealth Ave.
BOSTON.

GEO. C. BAKER, Florist

206 E. Park Ave., San Antonio, Texas

JOHN A. KEPNER

Box 3, HARRISBURG, PA.

Wholesale or Retail. Orders Satisfactorily Filled

J. F. AMMANN — Long Distance Phones

Edwardsville, Ill. Alton, Ill.

The Fernery E. D. SCHULTHEIS FLORIST

Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.

HALL & ROBINSON, 855 St. Catherine Street, West.

Louisville, Ky.

JACOB SCHULZ, 550 So. Fourth Ave.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Feb. 8.—Lettuce, 25c to 30c case; radishes, 35c to 50c doz. bunches; mushrooms, 15c to 30c lb.

BOSTON, Feb. 7.—Tomatoes, 15c to 25c lb.; cucumbers, $3 to $12 box; lettuce, 75c to $1.25 box; dandelions, $1.75 to $2 box; mint, 50c to 60c doz.; parsley, $2 to $2.25 box; mushrooms, $1 to $2 box; rhubarb, 8c to 9c lb.; radishes, $1 to $1.25 box.

NEW YORK, Feb. 7.—Cucumbers in light supply and fancy quality would command $2. No further change in other descriptions. Mushrooms moving rather better, with sales of fancy white as high as 45 cents. Practically no lettuce coming and fancy quality would sell readily. Cucumbers, $1 to $2 doz.; lettuce, $1.50 to $2.50 strap; mint, 60c to 65c doz. bunches; mushrooms, 20c to 45c lb.; radishes, $2 to $3 doz. bunches; tomatoes, 10c to 25c lb.

TEMPERATURE FOR LETTUCE.

Please state the best night and day temperature for lettuce. J. T.

Between 45 and 50 degrees at night and 15 to 20 degrees higher on bright, sunny days suits lettuce best. About 10 degrees above night temperature is a great plenty for cloudy weather. Thermometers must face north and be protected on sides and back by some kind of a box to keep the sun from shining on the frame of the thermometer in order to get accurate temperature. H. G.

WORMS IN LETTUCE.

I am enclosing a sample of worm that has been causing trouble in one of our benches of lettuce. The worm is of a greenish yellow color and is about an inch and a quarter long and about one-eighth inch in diameter. It seems to eat into the root and then bore right up into the heart, causing the plant to die and look as if it had mildewed off or had the root-rot. The soil is two-year-old sod. If you know of any remedy, besides killing it when found, please inform me.

D. H. S.

The worm is entirely new to me and I am unable to suggest any remedy other than to look over the plants carefully a few times until about all of them are caught. You might send a sample in a small package to the Bureau of Entomology of the United States Department of Agriculture, Washington, D. C. They can, no doubt, give you the name and habits of the pest. H. G.

SIFTING RADISH SEED.

I have seen it recommended, when growing radishes, to put the seed through a sieve with a certain size of mesh. Could you advise me as to what mesh to use and also state where these sieves can be obtained? I want to grade some Lady Roosevelt aster seed also. Can you tell me what mesh this seed should be put through before putting it up for sale?

J. M.

A sieve for radish seed, to separate the large, healthy seeds from the small and crippled ones, is used by many greenhouse men who grow radishes under glass.

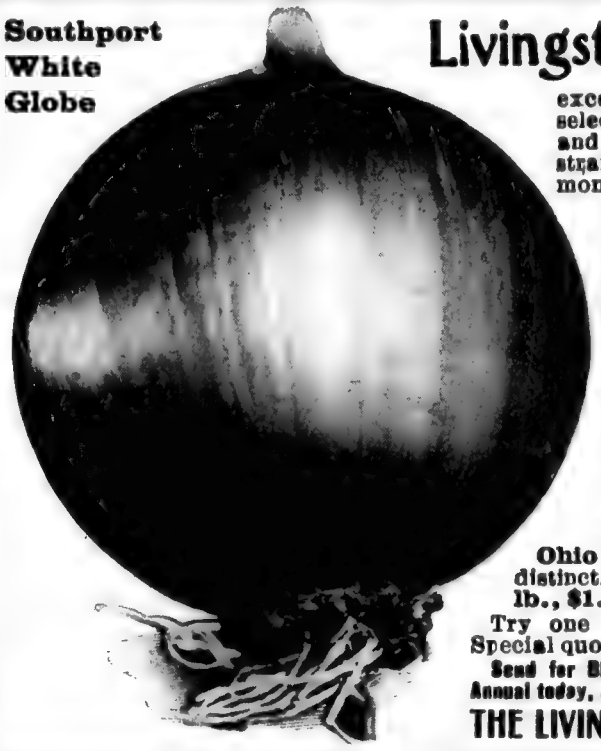
The size of the mesh should be about three-thirty-seconds of an inch, but the exact size cannot be given, on account of some radish seeds being larger than those of other lots or varieties. A good way to do is to take a small sample of your seed and try it over a piece of wire cloth, using different pieces having different sizes of mesh, until you find just the right mesh for your seed.

Usually about one-third of the best radish seed is imperfect—small and crooked—and will not make good radishes. Not only that, but some of them will not make anything, while others that do succeed are slow in growth and make misshapen, tough and decidedly poor radishes. These cull seeds, if not sorted out, will occupy bench space where good radishes could be grown. They will also make it necessary to delay replanting the house, while they are struggling along for some time after the good ones are pulled and sold.

It seems a loss to throw away a third or a fourth of the seed after paying 60 cents or 70 cents a pound for it, but it is really a way of making considerably more out of the crop. The fine, healthy, perfect seeds that stay in the sieve will all make fine, perfect radishes in the shortest time and all at once, so that they can be pulled clean within a few days after the first one is pulled, thus permitting the replanting of the beds without any delay. Prof. Bailey many years ago recommended sorting the seed by making a sieve out of a piece of sheet brass, with holes punched in it two-twenty-fifths of an inch in diameter.

As to sifting seeds for sale, I could not say, but I believe that they are never run over a sieve with a large enough mesh to let any seeds fall through.

H. G.



Livingston's Superb Onions

excel in shape, color and size. Critical selection, hand-sorting and careful planting and cultivating combine to give our Onion strains characteristics not found in the common commercial grades. We know the needs of the Onion growers and aim to develop the most perfect strains of Onions. For purity, vitality and reliability, our Onion seeds are unexcelled.

OUR GREAT SPECIALTIES

Southport White Globe, as grown on our farms, is the handsomest white Onion in existence. **Oz., 30c; ¼ lb., 85c; lb., $3.00; 5 lbs. for $14.50.**

Southport Red Globe is nearly perfect with us. Color, size and quality is "tip top." **Oz., 15c; ¼ lb., 40c; lb., $1.50; 5 lbs. for $7.00; 10 lbs. for $12.50.**

Ohio Yellow Globe, finest we know. Early, distinct, good keeper. **Oz., 15c; ¼ lb., 50c; lb., $1.75; 10 lbs. for $15.00.**

Try one packet of all three varieties for 10c. Special quotations on larger quantities.

Send for Blue List, "TOMATO FACTS" and large 130 page Annual today, addressing Desk R, for immediate reply.

THE LIVINGSTON SEED CO., Columbus, Ohio

Mention The Review when you write.



FORCING ASPARAGUS IN FOUR OR FIVE WEEKS

Long Before Fresh Green Asparagus Now Comes to Market

A complete treatise told in a simple way, full information from the time the bed is made to the end of four weeks, when asparagus is ready to be cut. Not the old French way, but a new method. Forcing asparagus in the late winter and early spring, long before the regular crop, will double your profit. The demand is always several times greater than the supply. Do not wait three years after starting your asparagus bed before cutting; cut it at the end of four or five weeks by this new, practical method. Has been thoroughly tried out and proven successful. The book also contains a way to force rhubarb without glass, and complete instructions for many diversified crops. A book that will prove of great value to both commercial and amateur gardeners Flexible bound, **$1.00;** Library Edition, **$1.25.** P paid. Order now and make an early start. Satisfaction guaranteed.

ALBERT S. DIETZMAN, - 610 4th Avenue, LOUISVILLE, KY.

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Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 112-page catalogue contains true description and no overdrawn illustrations. Our prices are right, quality considered. Market Gardeners are requested to write for our Market Garden Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE BOX 246 Established 1888 **BEATRICE, NEB.**

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co, White Marsh, Md.

Mention The Review when you write.

ST. LOUIS.

The Market.

The trade reports a good business for last week. The last of the big weddings, receptions and dinners were worked up as Lent begins this week and society will not need much in the flower line for the next six weeks. Among the downtown florists it is reported that they had a splendid week in over-the-counter sales and were busy every day with good-sized funeral orders. The wholesalers had a good supply of everything in season except roses, and they are still scarce in all varieties, but a full crop is expected during the lenten season.

Carnations are in plenty, but the prices are stiff, 2 cents to 4 cents for choice in small lots. Violets are a glut and they have been selling cheap, as low as $1.50 per thousand. There will be plenty for St. Valentine's day. All bulbous stock is selling well, with no glut, as is usual in Romans and Paper Whites. Tulips

Stokes' Tomato Introductions Have Always Been Winners

My New FLORACROFT EARLIANA TOMATO

is the earliest Tomato in existence. Is smooth, solid, prolific and with all the good points of the finest Earliana blood. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75; lb., $6.00.

STOKES' BONNY BEST EARLY TOMATO

is the finest quality and handsomest Tomato known. It is a few days later than Earliana, but is a winner everywhere. Strong vine and foliage. Very vigorous. No rot, no crack, no core. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

STOKES' JUNE PINK

The best very early Pink. I have a very choice strain. Oz., 30c; ¼ lb., 85c; lb., $3.00.

Send for Wholesale Market Garden List.

STOKES' SEED STORE, 219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

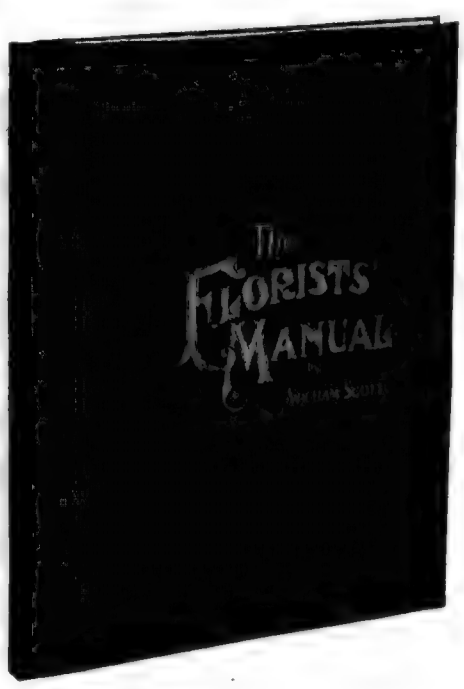
EARLY TOMATOES

In Concrete Plant Protectors

A tried and proven success. Keep out frost and draw heat. Equal for forcing to the famous bell jars used in France. Field trials show four times the yield, ripening a month ahead of season, and value increased 100 times. No blight or insects. Useful for lettuce, rhubarb, melons, etc. Hold water for irrigation. **Patent** just issued on protectors, and line wire opens or closes 100 instantly. Illustrated treatise tells how to make them quickly at 2c each, how to make molds at 25c. Also, full information about this method. Each purchaser of book has privilege to make mold and protectors. Mention this paper and **send $1.00 for book.** Money back if not satisfied.

J. H. HALEY, Seed Grower, Munith, Mich.

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The Florists' Manual

A Business Book for Business Men

Second Edition

Thoroughly Revised and Brought up to Date

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

Price, $5.00, prepaid by express or mail.

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn St., **CHICAGO**

Mention The Review when you write.

There are no **Dry Spots** with The Skinner System of Garden and Greenhouse Irrigation.

The Skinner Irrigation Co.

TROY, O.

Mention The Review when you write.

and Von Sions are now coming in. In greens there is a full supply.

Various Notes.

The leasehold and greenhouses of the Michel Plant & Bulb Co. were sold last week at the court house by Commissioner Coleman to George Waldbart for $6,500. Mr. Waldbart will stock up the place, engage a manager and grow stock for his Grand avenue store. The purchase was in cash.

The Volkman Nursery Co. succeeded the Ratermann Floral Co., doing business at 5415 Easton avenue. They will continue at the old stand, doing a general florists' business.

James Arata, manager of the cut flower department at C. Young & Sons Co., says they had a busy week in the shipping line, one order, amounting to $400 for funeral work, keeping all hands busy.

John Barnard, a well known buyer for Grimm & Gorly, has been on the sick list all the last week. His many friends in the trade hope to see him soon, as usual, in the wholesale district each morning.

Many local members of the S. A. F. were surprised at the resignation of H. B. Beatty as treasurer of the society and at the same time much pleased with his successor, William F. Kasting, who is well known in the trade here, having spent his boyhood days in this city with the old Jordan Floral Co.

We regret to announce the death of Mrs. Martha Hentschel, wife of Ernest Hentschel, florist at Webster Groves. The funeral took place Monday, February 7, from her late residence in Webster Groves. We extend our sympathy.

John Connon, at Webster Groves, is reported sick in bed all the last week. From last accounts he was improving.

Carl Beyer is another one on our sick list. His brother, Robert, who reported him sick, says he has a bad case of the gout.

William C. Smith says his firm will have a big supply of California violets for St. Valentine's day. The present weather is just right for a big crop.

Prof. William Trelease, director of the Missouri Botanical Garden, delivered a lecture last week before the South Side Self-Culture Club. His subject was "How to Make the City More Beautiful." The lecture was well received.

The Florist Ladies' Home Circle will meet Monday, February 14, at 2 o'clock, at the Washington hotel. Miss M. Meinhardt, the secretary, is visiting Chicago this week and will return home Thursday, February 10.

The Brix Floral Co. has sold its greenhouses to J. Michel, their foreman. The sale took place last week. The Brix Floral Co. will continue to operate their retail store at 1518 St. Louis avenue, where they have a large run of trade.

William Young, Jr., was elected secretary of the Florists' Bowling Club, W. C. Smith having resigned in favor of the young man, who takes a great interest in the club and has the making of a great bowler.

Fred C. Weber has resigned as treasurer of the St. Louis Horticultural Society and also resigned as a member of the executive board. Harry Young was elected treasurer and Fred H. Weber was elected as a member of the executive board. J. J. B.

BURLINGTON, VT.—John Wilson says midwinter is no time to change a boiler, but there is an end to the best. Just at a most critical time one of his gave out. Fortunately Hitchings & Co. came to the rescue with one of their tubulars, which is being quickly connected by local workmen. Old Boreas was kind. A heavy fall of snow protected the houses.

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write.

Clearing Sale

Perennial Rye Grass (Lolium perenne) Crop 1909.

The heaviest seed ever imported, weighing 26 lb. per bushel. Samples on request.

Lb., 6c.; 100 lbs., $5.50, f. o. b. New Orleans.

THE AVENUE FLORAL CO.
3442 St. Charles Ave. New Orleans, La.

Mention The Review when you write.

D. J. TAMMINGA

Onion Set Grower

Onion Sets for immediate or fall delivery. Get my prices.

10818 Michigan Ave., Chicago, Ill.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

It looks as though field corn that will test well will be in larger demand than supply.

The Chicago Tribune recently devoted a half column editorial to the seed catalogue as the first and most reliable sign of spring.

The only full page seed advertisement in the February general magazines is that of John Lewis Childs and his improved Wonderberry.

This year many seed planters will have to take seeds of a lower germination than the standard requires, on account of bad weather at time of harvest.

The Northern Wisconsin Seed Co. has been incorporated at Sturgeon Bay, Wis., with a capital of $25,000 by P. R. Cunningham, William Birdsall, Jr., and B. J. Jellinek.

The flood in Paris, France, is worrying some of the dealers on this side. The belated shipments of some important French seed crops are likely to be still further delayed if they can be forwarded at all.

No one seems to be complaining seriously of short deliveries. When the wind-up arrives there may still be a few lots available. The popular sorts are not indispensable when the situation is looked at rightly.

Knud Gundestrup, of Kirkeby & Gundestrup Co., Chicago, will, it is said, dispose of his American interests and cast his lot with the mother country again, in the spring or summer of this present year.

The much discussed high cost of living is likely to be a help to the seed trade in the same way many said the panic of 1907 was; it will make more people plant gardens and other people plant larger gardens.

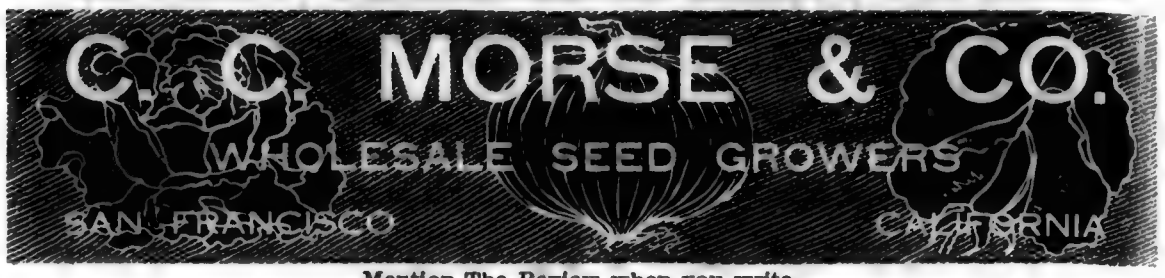
LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS **Get Our Prices** 228-230 KINZIE STREET, **CHICAGO**

Mention The Review when you write.



Mention The Review when you write.

YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalog

Mention The Review when you write.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

Mention The Review when you write.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

Mention The Review when you write.

Onion Sets - Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

Mention The Review when you write.

ONION SEED

We grow the very best strains of Yellow, Red and White Globe seed. Grown on our own farms, with special reference to the needs of the planter. We can please you.

Write for booklet and prices.

LAUGHLIN SEED CO.. Kenton, O.

Mention The Review when you write.

Metal Clasp Mailing Envelopes

LOUIS JEFFREY

78th and Brunswick Ave., PHILADELPHIA, PA.

Mention The Review when you write.

Reports from France indicate that prices on French bulbs will undoubtedly be much higher this year. Martial Bremond wrote his American agents, Ralph M. Ward & Co., under date of January 24, that the crop is poor and the farmers expect high prices for their products. Of course no definite prices have been quoted yet, but there is no doubt but that Roman hyacinths especially will be higher, and Paper Whites also. Recent

S. M. ISBELL & CO.

JACKSON, MICH.

Contract Seed Growers

BEAN, CUCUMBER, TOMATO

Radish, Pea, Muskmelon

Squash, Watermelon, Sweet Corn

CORRESPONDENCE SOLICITED.

Mention The Review when you write.

GET QUOTATIONS FROM

LANDRETH SEEDS WHICH SUCCEED

Bloomsdale Farms **BRISTOL, PA.**

Mention The Review when you write.

THE HAS. H. TILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

Main Office and Seed Farms, ORANGE, CONN

New York City Store, 82-84 Dey Street

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.

Mention The Review when you write

PEDIGREE SEEDS

Vegetable—Flower

Have You Tried Our Specialties?

Write now for our New Illustrated Catalogue.

WATKINS & SIMPSON, Limited

Wholesale Seed Merchants

12 Tavistock St., Covent Garden, London, England

Mention The Review when you write.

F. J. Grootendorst & Sons

BOSKOOP, HOLLAND

Azaleas, Rhododendrons, Clematis,

Roses, pot-grown plants for forcing.

Buxus, Conifers, Japanese Maples,

Shrubs, Palms, Bulbs, Etc.

A postal brings our catalogue.

LET US QUOTE PRICES ON YOUR LIST OF WANTS

Mention The Review when you write.

COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

P. O. Box 1250 26 Barclay St., NEW YORK

Mention The Review when you write.

FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

Mention The Review when you write.

reports from other growers all indicate the same conditions.

ONION sets are holding their own against weather and other unavoidable conditions. During January the large operators had much trouble in getting cars, but the situation in February is better in this respect. The small holders who have been expecting to see famine prices are now willing to accept reasonable offers, and a seasonable adjustment is smoothing things out. No overplus of the article is in sight, so with cars to be had, seasonable weather prevailing, and

—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

Cauliflower Seed



Wiboltt's Earliest Snowball, No. 34, at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Wiboltt's Extra Early Dwarf Erfurt, at $8.00 per lb.; 5 lbs. at $7.00 per lb.

Wiboltt's Danish Giant, "Dry Weather," at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Larger lots prices separately. We ask new customers to send cash with order.

R. WIBOLTT, Seed Grower and Seed Merchant.

NAKSKOV, DENMARK

Mention The Review when you write.

VAN GRIEKEN'S BULBS

SOUND AND WELL SELECTED

LISSE, HOLLAND

Write for Catalogue.

Camellias, Palms, Box and Bay Trees for spring or fall delivery. Imported to order; for prices, address

AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

Mention The Review when you write.

CAULIFLOWER CABBAGE Seed

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

HASSLACH

SEED GROWER

Villa Mimosa, St. Remy de Provence, France

Accepts Contract Orders for 1910 in **Aster, Balsam, Cyclamen, Phlox, Primula sinensis, Portulaca, Verbena, Zinnia, Pepper, Tomato** and every other sort of seeds.

Mention The Review when you write.

German Stock Seeds

A GRAND SPECIALTY

Price list on application.

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write.

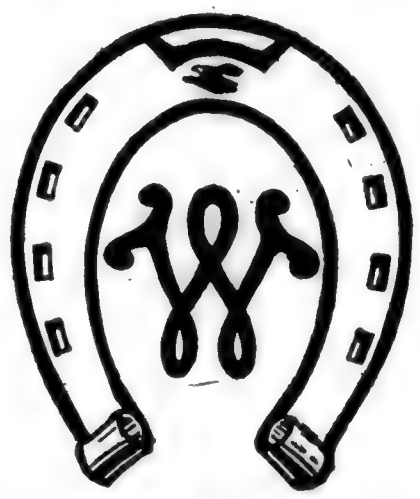
Splendid **SEED** of

Phoenix Roebelenii

Just arrived. Prices on application to

SANDER, - BRUGES, BELGIUM

Ward's Lily Bulbs



"NOT HOW CHEAP— BUT HOW GOOD"

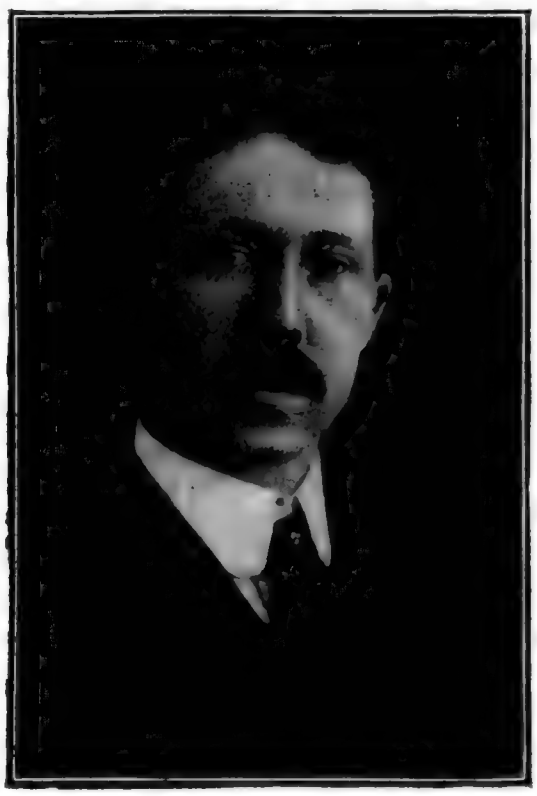
RALPH M. WARD & CO.
12 W. Broadway, NEW YORK

shippers catching up with back orders, the outlook is bright and a rising market is expected.

ARTHUR H. LUCK, manager of the seed department of the German Nurseries and Seed House, Beatrice, Neb., says January exceeded any other January since the seed department was established, both in number and value of orders.

H. E. FISKE.

H. E. Fiske, recently elected a member of the executive committee of the Gardeners' and Florists' Club of Boston,



H. E. Fiske.

is the popular and well-known head of the H. E. Fiske Seed Co., Faneuil Hall square, Boston. Mr. Fiske had a thorough training in the seed business before embarking on his own account, being for a number of years manager for W. W. Rawson & Co., who were located in the building he now occupies, prior to the disastrous fire of a few years ago. This is Mr. Fiske's first appointment to office in the local club, and the members are to be congratulated on securing him as one of their executive committee.

THE Ewing Seed Co. is the name of a new firm which has been organized in Nashville, Tenn., with W. B. Ewing at its head. Quarters have been secured at 309 Second avenue, north. Mr. Ewing was formerly manager for Wood, Stubbs & Co., of the same city.

CONSIDERING all the circumstances and the lack of concerted action, the price in the seed catalogues are quite uniform and not far from proper values. The say that the low priced man has the ad

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices; either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Boddington's White and Light. Extra selected bulbs. 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman
342 W. 14th St. NEW YORK CITY

Mention The Review when you write.

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From BELGIUM Palms, Araucarias, Bay Trees, Azalea Indica, etc.
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From ENGLAND English Manetti, selected for grafting.
From JAPAN Lilium Longiflorum Giganteum, Multiflorum, etc.

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Write for catalogues, special lists, etc., mentioning the class of stock you are interested in.

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McHUTCHISON & CO.
17 MURRAY STREET NEW YORK

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Bridgeman's Seed Warehouse
Established 1824. RICKARDS BROS., Props.
Importers and Growers of High-grade
SEEDS, BULBS, PLANTS, Etc.
37 East 19th Street, Telephone 4235 Gramercy **NEW YORK CITY**

Sow Now Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, **we shall be glad to mail one on receipt of a postal.**

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

Send for
MICHELL'S
WHOLESALE CATALOGUE OF
SEEDS, Etc.
MARKET ST. PHILA.

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Aster Seed

SMITH'S PEERLESS

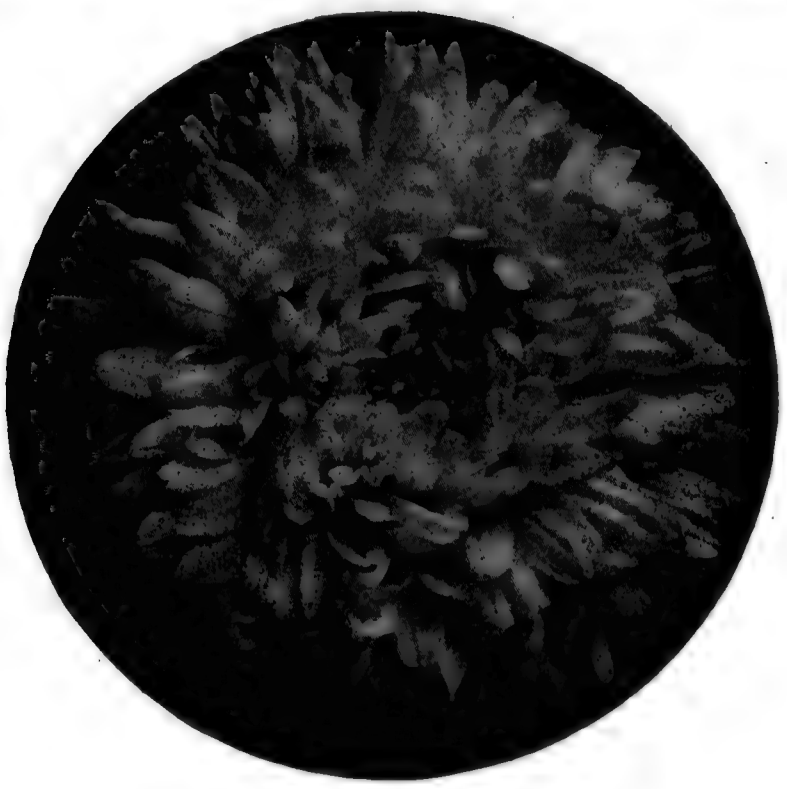
Also a good line of the late branching type for Florists and Market Gardeners.

Catalogue Free.

ELMER D. SMITH & CO.
Adrian, Mich.

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Dreer's Superb Asters



Dreer's Superb Late Branching Aster.



Crego's Giant Comet Aster.

We take special pains to secure only the very choicest Asters, and feel sure nothing finer in quality can be had at any price. We offer below a list of the very best for Florists' use. For complete list see our Wholesale Catalogue.

Dreer's Superb Late Branching Asters

The finest Aster for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September.

	Trade pkt.	Oz.
Azure Blue. A rich deep lavender	$0.25	$1.00
Pure White. Extra fine stock	.25	1.00
Shell Pink. An exquisite shade	.25	1.00
Rose Pink. A very desirable color	.25	1.00
Deep Rose. Rich and brilliant	.25	1.00
Deep Purple. Royal deep blue	.25	1.00
Lavender. A pale grayish-lavender	.25	1.00
Crimson. Very rich	.25	1.00
Finest Mixed. All the colors	.25	.75

Dreer's New Late Aster Crimson King

A superb new late branching variety, with perfectly double flowers of rich, rosy crimson, full of fire. Fine for cutting, showing up well under artificial light. 50c per trade pkt.; $3.00 per oz.

Late Aster Violet King

A new and distinct color in the Late Branching class, fine large double flowers of a pleasing shade of violet, a strong, free grower and very free flowering. 40c per trade pkt.; $2.00 per oz.

Crego's Giant Comet Asters

Magnificent fluffy flowers, averaging over 5 inches across, with long strong stems; the finest of this type. Comes into bloom in August, continuing well into September, and unlike most of the Comet sorts, stands when cut and is a good flower to ship. We offer two colors, our own saving of the highest quality.

	Trade pkt.	Oz.
Shell Pink	$0.40	$2.50
Snow White	.40	2.50

Early Wonder Asters

This is the earliest Aster in cultivation, being in full bloom when Queen of the Market is only in bud, frequently coming into bloom in late June. Very valuable for cutting.

	Trade pkt.	Oz.
Early Wonder White. Pure glistening white	$0.40	$2.00
Early Wonder Pink. A good, clear pink	.40	2.00

Dreer's New Aster Pink Beauty

A magnificent cut-flower variety, in bloom from early August until well on in September; 24 to 30 inches high; flowers average 4 inches across, on long, strong stems. Color a delicate blush pink, and pronounced by experts to be the finest pink mid-season sort yet introduced. 50c per trade pkt.; $4.00 per oz.

Queen of the Market Asters

The best and most popular early Aster.

	Trade pkt.	Oz.		Trade pkt.	Oz.
White	$0.20	$0.60	**Rose**	$0.20	$0.60
Lavender	.20	.60	**Purple**	.20	.60
Pink	.20	.60	**Crimson**	.20	.60
Finest Mixed, all colors				.15	.50

Henry A. Dreer, Seeds, Plants and Bulbs, Philadelphia

Mention The Review when you write.

vantage, and in a way he has, but only so long as his stock lasts.

W. W. RAWSON & Co., Boston, have just issued a catalogue of 108 pages devoted exclusively to dahlias and gladioli. The pages are 5x9, freely illustrated and handsomely printed. Rawson & Co. say they believe the book contains the most complete lists of dahlias and gladioli ever published, and the book will serve as a work of reference as well as a business-bringer.

THE canners are holding their annual convention at Atlantic City this week, but without the big exhibition of machinery and supplies. Several of the growers of seeds, especially peas, corn and tomato, are present or represented, but the principal interest of the canners appears to lie in getting the U. S. Department of Agriculture to inspect canneries and guarantee the purity of the output.

IN TENNESSEE.

Col. John Thompson, commissioner of agriculture in the State of Tennessee, is urging the farmers throughout the State not to purchase any seeds which do not bear the inspection tag of the State. Said he, in speaking of the enforcement of this law:

"Dealers in agricultural seeds have sold to the farmers of this country seeds without any regard to their purity. Many of these seeds contained seeds of noxious weeds. These have been sowed all over the country until the whole country has been infected and poisoned by the presence of these harmful weeds. In the past few years there has been a general outcry against this from the best farmers in all parts of the country.

"The legislatures of a few States have passed laws requiring pure seeds. The time is coming when every State in the Union will pass similar laws. The last general assembly of this State passed a seed law, which went into effect June 1, 1909, prohibiting the sale of agricultural seeds containing any seed of certain specified weeds and providing that seeds containing certain other seeds should be considered adulterated.

"The reputable seed dealers in the State are supporting the law enthusiastically. Some seed dealers outside the State are attempting to disregard its provisions and are hiding behind the laws which govern and control interstate ship-

Dreer's Tuberous Rooted Begonias

Fancy Leaved Caladiums and Tuberoses.



The Begonias and Gloxinias which we offer are grown for us by an expert who has made a specialty of this class of plants for many years. You can secure cheaper, but not better stock.

Begonias, Singles in separate colors, Scarlet, Crimson, White, Rose, Yellow and Orange, 40c per doz.; $2.50 per 100; $22.50 per 1000.

Begonias, Singles in choicest mixture, 35c per doz.; $2.25 per 100; $20.00 per 1000.
Double " separate colors, Scarlet, Rose, White and Yellow, 60c per doz. $4.50 per 100; $40.00 per 1000.

Begonias, Doubles in choicest mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

Sun-Proof Begonia, Duke of Zeppelin, 85c doz.; $6.00 per 100.
" " **La Fayette,** $1.25 per doz.; $8.00 per 100.

Frilled Begonias, in separate colors, Scarlet, White, Pink and Yellow, $1.00 per doz. $7.00 per 100; $65.00 per 1000

Fancy Leaved Caladiums, choicest standard Varieties, $1.50 per doz.; $10.00 per 100.
" " " choice new and rare varieties, $2.00 per doz.; $15.00 per 100.
" " " select new varieties, $3.50 per doz.; $25.00 per 100.

Double Pearl Tuberoses, selected bulbs, 4 to 6 inches in circumference, $1.00 per 100; $8.00 per 1000.

For a full list of seasonable Plants, Bulbs and Seeds, see our **Quarterly Wholesale Price List,** issued Jan. 1.

HENRY A. DREER, Inc., Philadelphia

THE ABOVE PRICES ARE INTENDED FOR THE TRADE ONLY

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ments, hoping to avoid the inspection tax by shipping direct to the consumers.

"It is the earnest desire of this department that farmers who want pure and unadulterated seeds coöperate with this department and refuse to buy any agricultural seeds that have not the tag and stamp required by law. This tag and stamp guarantee that the seeds have passed the inspection and come up to the requirements of the law. If the farmers will do this, they will put out of business those dealers who are trying to disregard the law. They will get what they want when they buy and pay for seeds. They will thus avoid sowing the adulterated seeds that have been prevalent in the past."

IMPORTS.

The imports of seeds through the port of New York for the week ending January 29 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Castor	2800	$12314	Hemp	1010	$10990
Caraway	300	2379	Millet	234	614
Celery	20	288	Mustard	500	4000
Clover	220	6949	Poppy	100	600
Coriander	223	531	Rape	200	1474
Fennel	33	178	Sugar beet	337	2680
Grass	1133	3409	Other	29	1951

In the same period the imports of bulbs, trees and plants were valued at $8,454; peas, $5,440, and beans, $37,762.

THE FRENCH FLOODS.

We believe that the French floods will have three disastrous results to the interest of the seed trade of the world: First, by the complete destruction in warehouses of large quantities of seed stored of past crops, not alone in the storehouses of the city of Paris but in towns in many river valleys; the percentage of destruction may not be known for several weeks. Second, in the destruction, a loss impossible to replace, of large breadths of plants, biennials carried over the winter for seed to be grown next summer, as cabbages, beets, mangolds, carrots, and celery; the percentage of destruction of these plants may not be realized until the first part of April, as they will comprehend wintered crops over a broad territory. Third, in the reduction of seed growing operations consequent upon the destruction of farm buildings, agricultural tools, live stock, and the wiping out of the capital necessary to conduct spring operations. These serious conditions, as respects the percentage of next year's crop of annuals, will not be realized until after seed-sowing time.

BURNET LANDRETH.

GLADIOLI...

Here is good value. All stock is 1½-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3.00	$25.00	Geo. Paul	$4.00	
Golden Queen	4.00	30.00	Giant Pink	4.00	$30.00
America	3.50	30.00	Le Pactole	3.00	25.00
Augusta	2.00	15.00	Klondyke	4.00	30.00
Africa	4.00		May	2.00	15.00
De Cheville	2.00	15.00	Mohawk	5.00	
Easter	1.50	12.00	Mrs. Francis King	2.50	20.00
Florida	2.00	15.00	Marie Lemoine	1.50	10.00

5 per cent discount for cash.

E. E. STEWART, - Rives Junction, Mich.

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Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

H. N. BRUNS, 3040 Madison St., **CHICAGO**

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SEEDS :: BULBS :: PLANTS

72 Cortlandt St. NEW YORK CITY

Every Florist Who Grows

ASTERS

should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

When writing, mention this paper.

JAMES VICK'S SONS

ROCHESTER, N. Y.

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Send for our new and complete Spring 1910 Catalogue.

Full List Seeds, Bulbs, Plants

H. H. BERGER & CO., 70 Warren St., New York

USE OF PEA VINES.

In the early history of pea canning the pea vines were treated as a waste product, the disposal of which involved

Rawson's World Renowned Asters

We never had a dissatisfied customer with Rawson's Asters; we need no better recommendation. Rawson's Aster Seeds are fresh, plump and of unapproachable quality.

NOVELTIES FOR 1910

ASTER, AURORA. The most unique colored Aster ever introduced. Yellow, passing to old rose. The flower-petals first appearing are shaped similar to those of the "Comet" type and are a perfect yellow, but when the flower is fully expanded it takes on a tint of delicate fresh rose, which the artist calls "old rose." The plant grows fully 24 inches high in a pyramid form and produces any quantity of double blooms 3½ inches across. Pkt., 35 cts.

ASTER, CACTUS CELESTINE. A new form of petal, resembling exactly a true Cactus Dahlia. The color is a most delicate lilac of unusual beauty. Pkt., 20 cts.

ASTER, CROWN OF GOLD. A pure, delicate yellow flower, of good size and borne on stout stems, resembling in shape the Victoria Aster. Its color is original and did not exist heretofore. Pkt., 20 cts.

ASTER, RAWSON'S NEW GLORY.

(Introduced by us in 1909.)

The most perfected type of Giant Comet that can possibly be produced. The flowers invariably measure 6 inches across and are always double. In our whole field last year we could not discover a single plant which showed the least sign of disease. The long stems are graceful and not stiff. Colors are distinct and most desirable for commercial use.

	⅛ oz.	¼ oz.	oz.
Pure White	$0.60	$1.00	$3.50
Delicate Lavender	.60	1.00	3.50
Shrimp Pink	.60	1.00	3.50
Finest Mixed	.50	.80	3.00

ASTER, TRIUMPH OF PARIS. The nearest approach to a yellow aster. The form is a single comet with a quilled center. The petals consist of two rows of glistening white, while the quills are a clear yellow. Stems range 2 feet in height and produce the giant blooms singly. A grand aster for the florist. ⅛ oz., $1.00.

THE CREGO ASTER. This aster is the nearest approach to a chrysanthemum of any flower grown. It is unusually large in size, running 4 to 5 inches in diameter when well grown. The petals are about double the length of those in the older varieties, and are twisted and curled in such a manner as to give the blossoms an exceedingly beautiful fluffy appearance. The plants are large and vigorous, producing their blossoms on very long stems. The central stalk is very short, the branches breaking out very near the ground, are generally clean their entire length, needing little or no disbudding, making it the easiest variety to prepare for market I have ever seen. Our seed is direct from the originator.

		⅛ oz.	½ oz.	oz.
Colors:	Pure White	$1.00	$3.50	$6.00
	Shell Pink. (Exact shade of Enchantress Carnation)	1.00	3.50	6.00
	Dark Pink	1.00	3.50	6.00

ASTER, RAWSON'S PINK BEAUTY. Unquestionably a grand and valuable florist aster and mainly so on account of its color and massive flower. The form of flower is a perfected Victoria which never shows a center. The color is so intensely beautiful that a graphic description can never do it justice. Delicate peach-tinted pink with a glowing shade of rich pink towards the center. No other aster can boast of such a pleasing combination. The stem of this flower is fairly tall and very erect. The plant branches from the bottom. ⅛ oz., 60 cts.; oz., $4.00.

NOVELTIES FOR 1910—Continued

ASTER, GEISHA. This strain originated in Japan and this can easily be seen in the formation of the flower. We were so much impressed with the attention the visitors to Rawson's Dahlia Farm paid to this fantastic type that we were actually forced to catalogue it and now believe it has a great future. The plant is extremely robust and produces stout stems growing very erect and carrying their gigantic flower formed of fine needle-shaped tubed petals around a conspicuous central disc. The very open center of this flower has an immense charm which appeals to the public, and as we must first of all please them, this is a point in its favor.

		⅛ oz.	oz.
Colors:	Pure White	$0.60	$4.00
	Salmon Pink	.60	4.00
	Delicate Lavender	.60	4.00
	Finest Mixed	.60	4.00

STANDARD VARIETIES

DAWN OF DAY

(Novelty, 1908.) The earliest flowering Aster in existence. Fine white, perfect in form and growth, long branching stems and flowers; often three weeks ahead of Queen of the Market. It is of branching habit and very full and if freely cut will continue to bear blooms until late in fall. See last week's Review, page 8. ⅛ oz., 50c; oz., $3.00.

RAWSON'S NEW MIDSUMMER ASTER.

This is our own introduction. We have received high praise from all growers. It has most graceful formed flowers, which are borne on immense long stems full two weeks ahead of the Late Branching Aster, and the plants will continue to bear flowers as late.

The colors are true and hardly any open-centered flowers among them.

	¼ oz.	oz.		¼ oz.	oz.
Pure White	$0.60	$2.00	True Lavender	$0.60	$2.00
Delicate Shell Pink	.60	2.00	Bright Rose	.60	2.00
Royal Purple	.60	2.00	Finest Mixed	.50	1.50

RAWSON'S DAYBREAK. This variety must not be compared with the strain offered elsewhere and a trial will convince the ever-so-critical of its superiority. ⅛ oz., 40c; oz., $2.50.

RAWSON'S PURITY. (Pure white.) Of the same type as Daybreak, differing only in color, which is a pure glistening white. Just as free-flowering and symmetrical as Daybreak and undoubtedly unsurpassed as a white bedding variety. ⅛ oz., 50c; oz., $3.00.

ASTER, RAWSON'S LATE BRANCHING. Flowers are very large in size and borne on long, stiff stems. It is one of the best and most popular varieties for late flower markets.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.25	$0.75	Rose Pink	$0.30	$1.00
Crimson	.30	1.00	Shell Pink	.30	1.00
Dark Blue	.30	1.00	Scarlet	.30	1.00
Light Blue	.30	1.00	White	.30	1.00

RAWSON'S QUEEN OF THE MARKET ASTER. The best early Aster for the Florist, quality being very much improved.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.15	$0.50	Rose	$0.20	$0.60
Crimson	.20	.60	Peach Blossom	.20	.60
Dark Blue	.20	.60	White	.20	.60
Light Blue	.20	.60			

TWO NEW SALVIAS FOR 1910

ZURICH. The best salvia yet introduced. Plants grow very compact, show little foliage and bear heavy flower spikes, which are thickly laden with bright scarlet flowers. Flowers early in July and remains in bloom with later varieties, ⅛ oz., 75c; oz., $5.00.

SALVIA SPLENDENS. KING OF CARPETS. The best dwarf bedding Salvia on the market today, outrivaling even "Zurich." The plants branch from the bottom and to such extent that the main stem is never visible. All side branches droop completely to the ground, making the whole plant a perfect half ball of fire. The plant grows but 15 inches high and flowers even earlier than "Zurich." ⅛ oz., $1.00; oz., $6.00.

The veteran Salvia grower, Mr. F. Bedman, says: "About the Salvia, 'King of Carpets.' It has done very well considering the dry weather that we have had, and I consider it one of the grandest dwarf salvias that I ever saw."

W. W. RAWSON & CO.

5 Union Street, BOSTON, MASS., U. S. A.

Mention The Review when you write.

considerable difficulty and expense. Usually they were thrown out in piles to rot, the resulting manure being used for fertilizer.

During recent years the pea vines have risen to the dignity of a by-product, from which the factories derive considerable profit. They are now utilized for silage, or fed to stock in a fresh state, or cured for hay. They make a silage superior in value to corn silage. They may be preserved in silos the same as green corn or they may be put up in large stacks in the open air. If these stacks are well put up and the vines are well tramped, decay will only affect the surface to the depth of a few inches. The pea vines can easily be cured by spreading them on sod land. Pea-vine hay is considered better than clover hay. Both the hay and the silage are excellent feeds for dairy cows. They are also satisfactory feeds for beef, cattle, horses and sheep. The hay sells at $3 to $5 a ton. In some cases the pea vines are hauled away from the factory by the farmers who supply the peas; in other cases they are sold in a fresh state, and in still other cases the factories either silo the vines or cure them for hay.

CATALOGUES RECEIVED.

F. H. De Witt & Co., Wooster, O., geraniums; Diggs & Beadles, Richmond, Va., garden and farm seeds, bulbs and supplies; George L. Stillman, Westerly, R. I., dahlias; G. H. Richards, London, England, "XL All Horticultural Specialties"; S. J. Galloway, Eaton, O., hardy herbaceous plants and perennials; Wagner Park Conservatories, Sidney, O., ornamental trees, plants and shrubs; Thompson & Morgan, Ipswich, England, seeds and plants; J. L. Dillon, Bloomsburg, Pa., roses and carnations; J. L. Moore, Northboro, Mass., dahlias and gladioli; J. M. Philips' Sons, Pittsburg, Pa., seeds and bulbs; Reichardt & Schulte Co., Houston, Tex., garden, field and flower seeds; Scottish-American Sweet Pea Seed Co., Buffalo, N. Y., novelties in sweet peas.

SCRANTON, PA.—J. McClintock has plans for a new range of four houses, each 16x120 feet, for carnations.

LOCKLAND, O.—The Bloomhurst Floral Co. has been incorporated by John Mueller, with a capital of $30,000.

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

just arrived. Our usual high grade quality. Also cold storage pips.

PRICES ON APPLICATION

J. M. THORBURN & CO.

33 Barclay Street, through to 35 Park Place, NEW YORK.

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OUR SPECIALTY

Next fall will be
LYCORIS SQUAMIGERA (Amaryllis Hallii.)
HOME-GROWN LILIUMS.
All varieties of German and Japan Iris.
—Write for prices.—

JOHN LEWIS CHILDS, Floral Park, N. Y

Mention The Review when you write.

LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

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PROVIDENCE.

The Market.

Business is good with all the retailers and all of the downtown stores are making handsome and attractive window displays. Funeral orders continue to be numerous, and as a rule the character of the pieces demanded is of a better class than for a number of years past. In larger pieces callas are increasing in popularity, after having been a somewhat slighted flower for two or three years. Freesia is also increasing in its popularity.

Potted stock is coming along in good shape and in increasing quantities. A majority of the growers report good stocks and plants sufficiently advanced to be ready for Easter.

Various Notes.

Stephen Green, for H. Bayersdorfer & Co., Philadelphia, was here January 30 on his way home from a several weeks' successful trip through New England.

Last week Representative Sheffield, of Newport, presented two petitions in Congress from the Rhode Island Horticultural Society, one in favor of securing the purity of the materials used in combating the fungicidal insect foes of fruits, flowers and vegetables, and the other favoring the Lafean apple package bill.

H. L. DeBlois, 80 Broadway, Newport, has just received a large importation of palms and ferns.

The annual banquet of the Rhode Island Horticultural Society will be held in the parlors of the Mathewson Street Methodist church, this city, on February 16.

FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
" Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
" Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
" Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1.00
" American Beauty	.25	2.00
" Snowdrift	.25	1.50
Pansy—Currie's International Mixture ..⅛ oz., $1.25	.50	8.00
" Giant Florists' Mixture ..⅛ oz., .60	.35	4.00
Verbena—Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
Stocks—Largest Flowering Dwarf Double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
" Cut and Come Again, white, mixed	.25	2.50

Send for 1910 catalogue and trade price list.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

Mention The Review when you write.

Reliable Seeds, Sow Now

		Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising ..6 tr. pkts., $1.25; oz.,	$5.00	$0.25
Begonia Zangen's New Pink Bedding Queen, best pink bedder..6 tr. pkts..	2.50	.50
Echeveria Woodlawn, new, ready in 6 months after sowing ..1000 seeds,	2.00	.50
Petunia, Zangen's **Single Ruffled and Fringed Hybrids** ..6 tr. pkts.,	5.00	1.00
Phlox Drummondi, nana compacta, **Fireball**.. Best for ..oz.,	2.50	.35
Phlox Drummondi, dwarf **Roseball** ..pot "	2.00	.30
Phlox Drummondi, nana compacta, **Snowball**.. use. "	3.00	.40
Phlox Drummondi Cecily, large flowered dwarf mixed "	2.50	.35
Salvia Zangen's King of Scarlets, best late... Unexcelled strain .. "	10.00	.50
Salvia Zurich, most valuable for early pot use.... of my own raising. .. "	8.00	.50

If you are interested in Flower Seeds of horticultural and floricultural value, ask for Catalogue.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

Mention The Review when you write.

Fine Aster Seed

Catalogue now ready

Vick & Hill Co.

P. O. Box 613 ROCHESTER, N. Y.

Mention The Review when you write.

XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected. 6000 seeds. $1.00: ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double. 500 seeds. $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

SALVIA WM. PFITZER, very fine, dwarf, fiery red, extra. trade pkt., 25c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed. large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

LOBELIA PUMILA SPLENDENS, dwarf, very dark blue, finest of all the Lobelias. pkt. 20c.

SHAMROCK

IRISH. THE REAL THING! GREEN

Best to order early and grow on for strong plants for St. Patrick's Day. Our stock is very fine, $4.00 per 100, or by mail, postpaid, 50c doz.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

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Asparagus Sprengeri.....per 1000 seeds,	$0.75
Petunia, large-flowering, double-fringed, tr. pkt.	1.00
Petunia, large-flowering, single-fringed, tr. pkt.	.50
Petunia, large-flowering, single California Giants.....tr. pk	.5
Salvia Zurich.....oz.,	5.00
Salvia Triumph.....oz.,	5.00
Moon Flower, white seed	.35

Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W. C. BECKERT, Seedsman

103 Federal St., N. S., PITTSBURG, PA.

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William M. Hughes, of Braman's lane, Middletown, has succeeded in raising a peculiar and delicate plant, called the Monarch of the East, a red calla from Asia. The life of the plant culminates in the flower, after which it dies. In place of the yellow spadix of the ordinary calla, a brown spire thirty inches in

CANNAS

F. O. B. Chicago or New York

For Immediate Delivery

Red-flowering Shades

	100	1000
Louisiana, 7 ft.	$1.75	$15.00
Alice Roosevelt, 4 ft.	3.00	25.00
A Bouvier, 5 ft.	1.50	14.00
Beaute Poitevine, 3½ ft.	2.00	17.50
Black Prince, 3 to 4 ft.	2.25	20.00
Chas. Henderson, 4 ft.	1.75	15.00
Crimson Bedder, 3 ft.	2.00	17.50
Duke of Marlborough, 4½ ft.	1.75	15.00
J. D. Eisele, 5 ft.	1.75	15.00
Exp. Crampbel, 5½ ft.	1.50	14.00
Express, 2 to 2½ ft.	2.25	20.00
Pres. McKinley, 2½ to 3 ft.	1.50	14.00
Tarrytown, 3½ ft.	1.75	15.00

Red, Gold-edged and Spotted Shades

	100	1000
Gladiator, 4 ft.	$2.75	$25.00
Cinnabar, 4½ ft.	1.75	15.00
Indiana, 3 to 4 ft.	1.75	15.00
Queen Charlotte, 3½ ft.	2.25	20.00
Mme. Crozy, 5½ ft.	2.25	20.00
Premier, 2½ ft.	2.00	17.50
Souv. de A. Crozy, 4 ft.	2.75	25.00

Pink Shades

	100	1000
L. Patry, 4½ ft.	$1.75	$15.00
Louise, 5 ft.	2.00	17.50
Mlle. Berat, 4½ ft.	1.75	15.00
Tennyson, 5½ ft.	2.75	25.00

Yellow Shades

	100	1000
Buttercup, 3½ ft.	$1.75	$15.00
C. de Bouchard, 4½ ft.	2.00	17.50
Florence Vaughan, 5 ft.	2.50	20.00
L. E. Bailey, 4½ ft.	2.75	25.00
Richard Wallace, 4½ ft.	2.75	25.00

White and Cream Shades

	100	1000
Alsace, 3½ ft.	$1.75	$15.00

Bronze-leaved, Large-flowered

	100	1000
Brandywine, 4 to 5 ft.	$2.00	$17.50
Black Beauty, 5 ft.	2.75	25.00
David Harum, 3½ ft.	2.75	25.00
Egandale, 4 ft.	1.50	14.00
King Humbert, 4 ft.	3.25	30.00
Leonard Vaughan, 4½ ft.	1.75	15.00
Musafolia, 5 ft.	2.75	25.00
Pillar of Fire, 6 to 7 ft.	2.25	20.00
Robusta, 6 to 8 ft.	1.75	17.50
Shenandoah, 6 ft.	1.75	15.00

Orchid-flowering Cannas

	100	1000
Allemania, 4 to 5 ft.	$1.75	$16.00
Austria, 5 ft.	1.25	12.00
Italia, 4½ ft.	1.75	15.00
Kronus, 5 ft.	1.75	15.00
Mrs. Kate Gray, 6 ft.	1.75	15.00
Pennsylvania, 5 ft.	1.75	15.00
Wyoming, 7 ft.	2.75	25.00

Study this—Our Cannas are true to name—2 and 3, sometimes 4 eyes—are sound, dormant, and are packed 250 in a box; two can be "cleated" together and shipped as one. One box of 250 sold at 1000 rate; it is cheaper for you to buy a box than 200 at 100 rate. Write for special prices on large lots.

Chicago and Western Agents for our Cannas

WINTERSON'S SEED STORE, 45-47-49 Wabash Ave., CHICAGO

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Seedsman, 342 W. 14th St., NEW YORK CITY

LILIUM GIGANTEUM

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D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

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Crego Aster Seed

The Crego Pink Aster is the largest and finest variety grown. We can furnish seed of our own growing saved from the very best flowers only, all inferior plants being discarded. This seed was saved from the finest lot of asters we ever saw. Price, ¼ oz., 60c; ounce $2.00.

Ask for catalogue of our seeds.

Joseph Harris Co., Seed Growers **Coldwater, N.Y.**

Mention The Review when you write.

length rises, surmounted by a pale green leaf mottled with crimson spots.

Charles W. Smith, of this city, secretary of the Rhode Island Horticultural Society, was reëlected vice-president for Rhode Island at the annual meeting of the New England Agricultural Society, in Boston, on February 1.

Mrs. Olsen, of the Brookside greenhouses, Pawtucket avenue, East Providence, furnished the decorations for the class supper of the graduates of the Turner avenue grammar school at Riverside on February 2.

Thomas H. Greene, of the Summit street greenhouses, Woonsocket, was pushed to his capacity with funeral orders last week.

James B. Canning and Timothy McCarthy were guests at the reception and banquet of Archbishop Falconio at the Eloise on February 6.

Richard Higgins furnished the decorations of palms, ferns and potted stock for the Palm Beach exhibition at B. H. Gladding's last week.

John Chase has begun the erection of a house 18x55 feet at his place in Newport, to be used for starting early vegetable and flower seeds.

T. J. Johnston & Co., Ed Brooks, manager, is having built a handsome new delivery wagon with mirrored panels. It will be ready about Easter.

Mrs. William Butcher, Pitman street, this city, is doing a big business, especially in decorations for small private receptions and dinner parties.

There were more than fifty large designs at the funeral of Dr. O'Keefe in this city a few days ago. The orders were well distributed and were of a higher class than usual.

John F. Wood has under consideration an excellent offer from a firm in Seattle, Wash. If he can dispose of his retail store here he talks of going out west again.

Stewart Ritchie, of Newport, is to put up a new house, 25x100, for summer roses. This spring he intends to remodel his entire range.

T. O'Connor furnished the decorations for the annual concert and ball of the Expressmen's Beneficial Association and James B. Canning furnished those for the annual concert and ball of the Providence Permanent Firemen's Relief Association.

Frederick B. Luther has recently purchased a twenty-nine horse-power Maxwell touring car, from which he expects to derive much pleasure.

William Crompton, of East Greenwich, had orders for one funeral February 5 that approximated $75, including a large gates ajar.

Timothy and Elizabeth O'Connor have deeded to the city of Providence land on President and Slater avenues, for highway purposes. W. H. M.

Dormant Cannas

Guaranteed true to name. Fine, plump stock, with from two to three eyes each.

Bronze-leaved

	Doz.	100	1000
David Harum	$0.50	$3.00	$25.00
Egandale	.50	3.00	20.00
King Humbert	1.25	8.00	60.00

Orchid-flowered

	Doz.	100	1000
Allemania	$0.35	$2.25	$18.00
Austria	.50	3.00	20.00
Burbank	.30	2.00	15.00
Fred. Benary	.90	6.00	55.00
Italia	.50	3.00	20.00
Kate Gray	.40	2.50	22.50
Partenope	.40	2.50	22.50
Pennsylvania	.40	2.50	17.50

Pink Flowers

	Doz.	100	1000
L. Patry	$0.35	$2.25	$17.50
M. Berat	.40	2.50	20.00

Red Flowers

	Doz.	100	1000
Chas. Henderson	$0.40	$2.50	$17.50
Chicago	.40	2.50	22 50
Explorateur Crampbel	.50	3.00	22.50

Variegated Flowers

	Doz.	100	1000
Elizabeth Hoss	$0.60	$4.00	$30.00
Florence Vaughan	.50	3.00	25.00
Souv. D'Antoine Crozy	.60	4.00	30.00

Yellow and Green Flowers

	Doz.	100	1000
Buttercup	$0.90	$6.00	$50.00
Coronet	.60	4.00	35.00
Alsace	.50	3.00	25.00

Hofgartner Hoppe, 90c per doz; $6.00 per 100; $50.00 per 1000. **George Birdell,** $1.25 per doz.; $8.00 100; $70.00 1000. **George Washington,** 50c per doz., $3.00 100; $27.50 1000.

Mosbæk Greenhouse Co., Onarga, Ill.

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Western Florist Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.

DENVER, COLO.

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CANNAS Dahlias, Ferns, Asparagus, Ficus

See classified department for prices

Wagner Park Conservatories

SIDNEY, O.

Mention The Review when you write.

Newburgh, N. Y.—The Newburgh Floral Co. reports a big batch of advance orders for rooted cuttings. The stock of carnations here is in excellent shape.

Poughkeepsie, N. Y.—Conrad C. Gindra, in addition to being a most excellent craftsman, is also an antiquarian of note. He has upon his desk a volume of a German Bible printed in the year 1755, and he proposes in future to have every drummer swear upon it who undertakes to sell him disease-proof bulbs.

Giant Asters

For Florists

The highest developed types from the leading American and European Specialists

Queen of the Market. Extra early; selected stock.

	Large tr. pkt.	Oz.
Dark blue	$0.20	$0.60
Light blue	.20	.60
Pink	.20	.60
Crimson	.20	.60
White	.20	.60
Mixed	.20	.60

Johnson's Superb Late Branching. The finest strain offered to the trade. Late flowering, resembling a Chrysanthemum.

	Large tr. pkt.	Oz.
Lavender	$0.25	$1.00
Rose-pink	.25	1.00
Shell pink	.25	1.00
Purple	.25	1.00
Crimson	.25	1.00
White	.25	1.00
Choice Mixed	.20	.90

Hohenzollern. Flowers measure 4 to 5 in. across.

	Large tr. pkt.	Oz.
Azure blue	$0 25	$1.25
Crimson	.25	1.25
Pink	.25	1 25
White	.25	1.25
Mixed	.20	1.00
Snowdrift. Pure white. The earliest large-flowering white Aster	.30	2.50
Violet King	.25	1.50
White Fleece. Pure white	.30	1.75
Daybreak. Delicate pink, very double	.30	1.75
Purity. Pure white	.30	1 75
Lavender Gem	.30	2.25
Royal Purple. An invaluable variety for cutting	.25	1.50

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JOHNSON SEED CO.

217 Market Street - Philadelphia

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KING HUMBERT CANNAS

Started plants, ready March 15.

$6.00 per 100; $50 00 per 1000.

Furrow & Company, Guthrie, Okla.

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Edward Reid, WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa.

Daffodils, Tulips, Spring Flowers and all Seasonable Varieties of **Cut Flowers**

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WHOLESALE FLORISTS AND GROWERS

The House That Has and Sells Good Goods at Fair Prices

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

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Wholesale Cut Flower Prices.

Philadelphia, Feb. 9, 1910.

	Per doz.
Beauty, Specials	$7.50
" Extra	6.00
" Medium	3.00 to 4.00
" Short	1.50 to 2.00
	Per 100
Killarney, My Maryland, Select	$15.00 to $20.00
" " Ordinary	5.00 to 10.00
Maid, Select	10.00 to 12.00
" Ordinary	4.00 to 6.00
Bride, Richmond, Select	15.00 to 20.00
" " Ordinary	6.00 to 10.00
Carnations, Fancy	4.00
" Select	3.00
" Ordinary	2.00
Easter Lilies, per doz., $1.50	10.00
Callas, per doz, $1.50 to 1.75	
Adiantum	1.00 to 1.50
Asparagus Plumosus, strings	50.00 to 75.00
" " sprays	50.00
" Sprengeri "	50.00
Smilax	15.00 to 20.00
Valley	3.00 to 4.00
Cattleyas	6.00 to 7.50
Cypripedium, each, 12½c to 15c	
Gardenias, doz., $2.00 to $4.00	
Violets, Double, Fancy	.40 to .50
" Ordinary	.75
Violets, Single, Fancy	.75 to .00
" Ordinary	.50
Sweet Peas	.75 to 1.00
Yellow Daisies	2.00 to 2.50
White "	1.50 to 2.00
Mignonette	3.00 to 5.00
Pansies	.75
Snapdragon	1.00 to 1.50
Romans	1.50 to 3.00
Paper Whites	2.00 to 3.00
Daffodils	4.00 to 5.00
Freesias	4.00 to 6.00
Tulips	3.00 to 4.00
White Lilac, per bunch, $1.00	
Acacia pubescens, per bunch, 2.50	

Milwaukee, Feb. 9, 1910.

	Per 100
Beauty, Long	$30.00 to $50.00
" Medium	15.00 to 20.00
" Short	8.00 to 12.00
Bride and Bridesmaid	4.00 to 12.00
Chatenay	4.00 to 10.00
Richmond	4.00 to 10.00
Killarney	6.00 to 15.00
Perle	4.00 to 10.00
Carnations, Fancy	3.00 to 4.00
" Good	1.50 to 2.00
Valley	4.00
Asparagus Plumosus, strings	50.00 to 60.00
" " sprays	3.00 to 4.00
" Sprengeri "	3.00
Adiantum	1.00 to 1.50
Lilies, per doz., $2.00	
Ferns, per 1000, 2.00	
Violets	.75 to 1.00
Sweet Peas	.75 to 1.00
Paper Whites	2.00 to 3.00
Stevia	2.00
Trumpets	3.00 to 4.00
Tulips	3.00 to 4.00

MIDDLETOWN, O.—Mr. and Mrs. Henry Behrens celebrated their golden wedding anniversary February 5 and had the assistance of a large company of friends. The local paper gave the event two columns, for the couple are probably more widely acquainted than any other in this section of the country. They have lived in Middletown since 1893, and have been in the florists' business many years.

Fancy Gardenias, Valley and Easter Lilies,

Choice Brides, Killarney, White Killarney, Maryland and Sweet Peas

Open from 7:30 a. m. to 8 p. m.

Philadelphia Cut Flower Company Wholesale Flowers

We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA

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Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.

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SAMUEL F. LILLEY. Wholesale Florist

A good market for more Choice Flowers

1514 Sansom St., PHILADELPHIA, PA.

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WM. J. BAKER, Pansies, Peas and Callas

Wholesale Florist

1432 So. Penn Sq., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Feb. 9, 1910.

	Per doz.
Beauty, Specials	$5.00 to $6.00
" Fancy	3.00 to 4.00
" Medium	2.00 to 2.50
" Short	.75 to 1.50
	Per 100
Bride and Bridesmaid, Fancy	$10.00 to $12.00
" " Medium	6.00 to 8.00
" " Short	4.00
Richmond	8.00 to 15.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
My Maryland	6.00 to 12.00
Carnations	3.00
" Ordinary	1.50 to 2.00
Adiantum	1.00 to 1.50
Smilax	15.00
Valley	2.00 to 4.00
Lilies	12.00 to 15.00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissi	3.00
Sweet Peas	.50 to 1.00
Mignonette	3.00 to 5.00
Cattleyas	60.00 to 75.00
Daisies	1.50 to 3.00
Violets	.50 to .75
Single Violets	.50 to .75
Trumpets	3.00 to 4.00
Callas	12.00
Tulips	3.00 to 4.00
Pansies	1.00
Primroses	.15 to .50

The Munk Floral Co.

WHOLESALE GROWERS OF

Cut Flowers

Columbus, :: Ohio

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Pittsburg Florists' Exchange

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We have anything in the line of **Cut Flowers** and **Greens** that you may need, at any time.

15 Diamond Square, Pittsburg, Pa.

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714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

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Wholesale CUT FLOWERS

and Florists' Supply House

Headquarters of Western Pennsylvania Growers

937 Liberty Ave., PITTSBURG, PA.

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ROSES

J. W. YOUNG

Upsal Station, P. R. R., GERMANTOWN, PHILA.

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Receiver and Shipper of All Varieties of Cut Flowers

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Wholesale Florists

55-57 W. 26th St.
NEW YORK CITY
SHIPPING ON COMMISSION
Telephone 756 Madison Square

N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1415-1416 Madison Square

Stands at Cut Flower Exchange, Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves

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WHY USE GALAX LEAVES when you can buy prime prepared

Magnolia Leaves

Green and Brown, $1.75 per basket of 1000 leaves

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G. E. BRADSHAW, WHOLESALE FLORIST

55-57 W. 26th St., NEW YORK

Phone 4620, 4621, 3864 Madison Sq.

ROSES, CARNATIONS, MUMS, Etc.

Our Specialties—Smilax and Asparagus Plumosus and Sprengeri in any quantity the year round. Weekly payments. Open books. Consignments solicited.

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Wholesale Commission Dealers in Cut Flowers and Supplies

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GEORGE W. CRAWBUCK, Manager.

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YES We have **MOSS, $1.50** per bale

Extra **LARGE** bales, **$2.00**

ESTABLISHED 1875 TEL. 2457 BEDFORD

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See my low prices for **Wire Designs** in the classified department.

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Ild Smilax, Galax, Palm Leaves, Leucothoe Sprays, Fancy and Dagger Ferns, Princess Pine

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ROSENS

48 W. 29th Street, New York City
Telephone No. 1757 Mad. Sq.

FLORISTS' SUPPLIES

Galax, bronze and green, fresh crop, $1.00 1000; $7.50 10,000. **Leucothoe Sprays,** 75c 100. **Green Sheet Moss,** $2.00 large bag.

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HEADQUARTERS FOR NOVELTIES

ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

JAMES McMANUS, Tel. 5291 Mad. Sq. 42 W. 28th St., New York

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Gold Letters

Gummed gold and purple letters for inscriptions on floral designs of all kinds.

EVERY LETTER GUARANTEED FOR ONE YEAR not to tarnish or change color in the least. Best and cheapest on the market. Write for samples and prices.

J. LICHTENBERGER, Telephone Lenox 5644 1566 Avenue A, NEW YORK

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J. J. FELLOURIS



Fancy and Dagger Ferns

Wholesale and Retail Dealer in ALL KINDS ...OF...



Bronze and Green Galax

EVERGREENS

52 West 28th Street, NEW YORK

Telephone 2315 Madison Sq.

Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, Feb. 7, 1910.

	Per 100	
Beauty, Specials	$35.00 to	$50.00
" Fancy	25.00 to	35.00
" Extra	15.00 to	25.00
" No. 1	8.00 to	15.00
" No. 2	2.00 to	6.00
Bride and Maid, Specials	6.00 to	10.00
" " Extra	5.00 to	6.00
" " No. 1	3.00 to	4.00
" " No. 2	2.00 to	3.00
Richmond	2.00 to	15.00
Chatenay	2.00 to	12.00
Killarney	2.00 to	12.00
My Maryland	2.00 to	12.00
Orchids	30.00 to	60.00
Carnations, Common	1.00 to	2.00
" Select and Fancy	2.00 to	4.00
" Novelties	4.00 to	6.00
Adiantum Cuneatum	.50 to	.75
" Croweanum	.75 to	1.00
Asparagus Plumosus, bunches	15.00 to	25.00
" Sprengeri "	10.00 to	20.00
Smilax	8.00 to	10.00
Lilies	8.00 to	12.00
Lily of the Valley	1.00 to	3.00
Gardenias	10.00 to	25.00
Violets	.25 to	.50
Callas	10.00 to	15.00
Cypripediums	8.00 to	12.00
Sweet Peas...per bunch, 4c to 10c		
Narcissus	1.00 to	2.00
Roman Hyacinths	1.00 to	2.00
Tulips	1.00 to	2.00
Stevia, bunch	$0.15 to	$0.25
Mignonette...per doz. .50 to .75		
Daffodils	2.00 to	3.00
Lilac, bunch	50c to	$1.00
Freesia, bunch	25c to	35c
Pansies, bunch	4c to	6c

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Phones 4620, 4621, 3864 Madison Square

VIOLETS Roses and Carnations

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Wholesale Plantsmen and Florists

50 W. 28th Street, NEW YORK

Telephone 2336 Madison

The largest and best wholesale plant store in the city. The best growers ship to us. We ship to the leading retailers of the city and country, from Maine to Chicago. Careful packing. Prompt and personal attention to your interests. We have our own greenhouses. The loaning of palms for florists' decorations our specialty.

Remember the Address

KESSLER BROS., 50 W. 28th St., N. Y.

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George Cotsonas & Co.



Wholesale and Retail Dealers in all kinds of

Evergreens

Fancy and Dagger Ferns
Galax, Brown and Green



50 West 28th St., - NEW YORK CITY

Leucothoe Sprays, Princess Pine, Holly, Southern Wild Smilax.

Telephone 1202 Madison.

Mention The Review when you write.

August Millang

41 W. 28th St., NEW YORK

We are Headquarters for **every kind of CUT FLOWERS** in their season. **Out-of-town Florists** promptly attended to. Telephone for what you want. **Tel. 3860, 3861 Madison Sq.**

Mention The Review when you write.

FORSTER MANSFIELD MFG. CO.

145 West 28th Street, NEW YORK

Telephone 4254 Madison

Art Decorative Wood Workers for the Florists.

We manufacture the latest improved Ice Boxes, also Pedestals, Window Boxes, Plant Tubs, Grill and Lattice Work, Mission Tubs and Art Wood Novelties.

Our Specialty, fitting up artistically many of the leading florist stores of New York.

Charles Millang WHOLESALE FLORIST

Ground Floor of the Coogan Building, NEW YORK CITY
55 and 57 West 26th Street 6 a. m. to 6 p. m. every day in the year.

Headquarters for Violets

Most convenient store for customers in the city. Telephone 7062 Madison.
Consignments solicited. The highest values guaranteed.

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44 W. 28th Street, NEW YORK

Telephones, 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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THE WHOLESALE FLORIST OF NEW YORK
34 WEST 28th STREET
PHONES, 1664--1665 MADISON SQUARE
ENOUGH SAID

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FORD BROS.

48 W. 28th Street, NEW YORK
Telephone 3870-3871 Madison Square
The Largest Shippers and Receivers of **Fresh Cut Flowers**
☞ A complete assortment of the best in the market can always be relied upon.

Gunther Bros.

110 West 28th Street
Phone, 551 Madison Square, NEW YORK
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS — Important — Special advantages for you this season. Write or see us.

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☞ ESTABLISHED 1887 ☜

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106 W. 28th St., NEW YORK
Tel. No. 167 Mad.
Consignments of all kinds of seasonable stock solicited.
Open 6 a. m. every morning in the year.

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WALTER F. SHERIDAN
Wholesale Commission Dealer in
CUT FLOWERS
39 W. 28th St., NEW YORK
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Tel. 3582-3583 Madison Sq. Carnations.

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GROWERS' CUT FLOWER CO.
Cut Flowers at Wholesale
J. J. COAN, Manager Consignments Solicited
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Department Store for Florists' Supplies
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.

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WHOLESALE FLORISTS
55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK
OPEN ALL DAY
An Unexcelled Outlet for CONSIGNED FLOWERS
Telephone No. 880 Madison Sq.

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Reed & Keller

122 W. 25th St., New York
FLORISTS' SUPPLIES
We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

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BONNET & BLAKE

Wholesale Florists
130 Livingston St., BROOKLYN, N. Y.
TELEPHONES, 1293 and 1294 MAIN
Consignments solicited. Out-of-town orders carefully attended to. Give us a trial.

A. L. YOUNG & CO., 54 West 28th Street, Telephone 3559 Mad. Sq. and
MANHATTAN FLOWER MARKET, 46 West 29th Street, Telephone 1016 Mad. Sq. New York

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Dealers in Florists' Supplies
☞ Our Specialties, Wheat Sheaves and Baskets

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Wholesale Commission Dealer in
CUT FLOWERS
Room for the products of growers of first-class stock
We have what you want when you want it
28 Willoughby St., Brooklyn, N. Y.
TEL. 4591 MAIN

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Wholesale Cut Flower Prices.

Boston, Feb. 9, 1910.

	Per 100
Beauty, Specials	$40 00 to $50.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4 00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2 00 to 10.00
Killarney	3.00 to 16 00
White Killarney	3.00 to 12 00
Richmond	4.00 to 16.00
My Maryland	3 00 to 12.00
Carnations, Special	4.00 to 5.00
" Select	3.00
" Ordinary	2 00 to 2.50
Cattleyas	40.00 to 50 00
Lily of the Valley	3.00 to 4 00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25 00 to 50 00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.50 to 1.00
Lilium longiflorum	10 00 to 12.50
Tulips	2.00 to 3.00
Pansies	.50 to 1.00
Violets	.50 to .60
Gardenias	20 00 to 25 00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1 50 to 2.00
Roman Hyacinths	1.50 to 2 00
Mignonette	2.00 to 6.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 10.00
Yellow Narcissus	3.00 to 4.00

George Saltford
WHOLESALE FLORIST
43 West 28th Street, Tel. No. 3393 Mad. Sq. New York City
We have room for a few more good growers. Prompt payments and top prices.

Mention The Review when you write.

UNITED STATES CUT FLOWER CO.

Wholesale Florists
ELMIRA, NEW YORK

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WILD SMILAX and LAUREL ROPING
Green and Bronze Galax

Buffalo Cut Flower Co.

495 Washington St., BUFFALO, N. Y.
Cut Flowers, Florists' Supplies and Wire Designs
Phones—Bell, Seneca 3762; Frontier 3607

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George B. Hart

WHOLESALE FLORIST
2 Stone Street, ROCHESTER, N. Y.

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The best way to collect an account is to place it with the

National Florists' Board of Trade

56 Pine Street, NEW YORK

Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.

Mention The Review when you write.

DAFFODILS

PERCY JONES

60 Wabash Avenue **CHICAGO**

PRICE LIST

	Per 100
Killarney	$6.00 to $10.00
Richmond	6.00 to 10.00
W. Killarney	6.00 to 10.00
My Maryland	6.00 to 10.00
Maid	6.00 to 10.00
Bride	6.00 to 10.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	.50 to 1.25
Violets, single	.50 to 1.25
Sweet Peas	1.00
Tulips	4.00
Valley	4.00
Adiantum	1.25

Ferns, per 1000, $2.00

Extra Fancy billed accordingly

Prices NOT subject to raise without notice to regular customers.

Mention The Review when you write.

Vaughan & Sperry

WHOLESALE FLORISTS

52-54 WABASH AVE., CHICAGO

Write for Special Prices.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Feb. 9, 1910.

	Per doz.
Beauty, long stems	$5.00 to $6.00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75
	Per 100
Bridesmaid, Special	$10.00 to $12.00
" Firsts	6.00 to 8.00
" Short	.75 to 1.50
Bride, Special	12.00
" Firsts	8.00 to 10.00
" Short	5.00 to 6.00
Richmond, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8.00
" " Short	3.00 to 5.00
Killarney, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
White Killarney, Specials	12.00 to 15.00
" " Firsts	8.00 to 10.00
" " Seconds	5.00 to 6.00
My Maryland, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Mrs. Jardine, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	5.00 to 6.00
Perle	6.00 to 10.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.25
Sweet Peas	.50 to 1.50
Bouvardia	3.00 to 8.00
Paper Whites	3.00
Romans	3.00
Jonquils	3.00 to 4.00
Tulips	3.00 to 4.00
Freesia	3.00 to 4.00
Cattleyas per doz.	$6.00–$9.00
Gardenias per doz.	$2.00 to 4.00
Easter Lilies "	1.50 to 2.00
Callas "	1.50 to 2.00
Valley	3.00 to 5.00
Asparagus, strings	50.00 to 75.00
" sprays...bunch	35c-75c
" Sprengeri "	25c-35c
Ferns per 1000	$2.00 .25
Galax "	1.00 .15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz.	$1.50–2.00
Leucothoe	.75
Boxwood	$7.50 per case

Hoerber Brothers

Wholesale growers of

Cut Flowers

Greenhouses, Des Plaines, Ill. Store, 51 Wabash Ave., CHICAGO

Long Distance Phone, Randolph 2758.

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WHOLESALE GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

59 WABASH AVE. CHICAGO

PHONE CENTRAL 879

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GEO. REINBERG

Wholesale Grower of Cut Flowers

CHOICE AMERICAN BEAUTIES

We will take care of your orders at reasonable prices. Prompt attention.

51 Wabash Ave., CHICAGO, ILL.

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ZECH & MANN

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central

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J. A. BUDLONG

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Roses and Carnations A Specialty.....

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Everything a Florist Uses

The Denver Wholesale Florists Co.

1433-35 California Street

DENVER, COLO.

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Rice Brothers

115 N. 6th Street, MINNEAPOLIS, MINN.

WHOLESALE FLORISTS AND SUPPLIES

CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.

Write for quotations on large quantities.

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WELCH BROS., 226 Devonshire Street, Boston

The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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WIETOR BROS.

Wholesale Growers of... Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO

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Wholesale Cut Flowers

51 Wabash Ave., CHICAGO

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Our Specialties.

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FLORISTS' EXCHANGE

Phone Main 7576 **OF WASHINGTON, D. C. 729 13th Street, N. W.**

Solicits Consignments of Cut Flowers

This is strictly a co-operative corporation, composed of 19 growers and retailers of the District of Columbia, under the management of Albert Schnell, formerly in charge of the Washington branch of S. S. Pennock-Meehan Co.

Consignors are welcome to inspect our books and see at what figure their stock sold, to satisfy themselves that they have been credited with full amount.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Feb. 9, 1910.

	Per 100
Beauty, Extra	$25 00 to $35.00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	6.00 to 10.00
My Maryland	6.00 to 10.00
Rhea Reid	6.00 to 10 00
Carnations	1.50 to 3 00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00
Sweet Peas	.50 to 1.00
Violets	.50 to 1.00

St. Louis. Feb. 9, 1910.

	Per doz.
Beauty, Specials	$4.00 to $6.00
" Extra	1 50 to 3.00
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 4.00 to $10.00
" No. 1	2.00 to 3.00
Richmond	4 00 to 15 00
Carnot	4 00 to 10.00
Ivory	4.00 to 15 00
Killarney	4.00 to 10 00
Carnations, Fancy	2 00 to 4 00
" Common	1.00 to 1.50
Adiantum	.75 to 1.00
Asparagus Plumosus, strings	35 00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15 00
Violets, Single	.15 to .35
" Double	.50 to .75
Romans	1.00 to 3.00
Paper Whites	1.00 to 3.00
Harrisii	12.50 to 15.00
Callas	12.50 to 15.00
Tulips	3 00 to 4 00
Von Sion	3.00 to 4.00

RUTLAND, VT.—A. J. Courcelle is an active member of L'Horticole Francais and has received the cheering news that the beautiful Jardin des Plantes in Paris has survived the ravages of the floods. Jules Fonta, of New Orleans, formerly superintendent of the fine Audubon park, whose horticultural hall was recently demolished by a storm, is also a member of that illustrious society.

OLEAN, N. Y.—Dana R. Herron believes in pointed personal advertisements, as, for instance, the following, which is a specimen of many such: "Why wait till he's dead before you send your friend flowers? He cannot appreciate them then, but while living he would be glad to receive such a token of friendship and esteem. Send flowers to your sick friends ere it is too late; to those in wealth, for they may be the next to go. Of course you will get them at Herron's, Masonic Temple. Both phones."

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $2.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $6.00; 100 lbs., $11.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.75.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist
311 MAIN STREET, Phone M-980 **CINCINNATI, OHIO**

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C. E. CRITCHELL

Wholesale Commission Florist

Cut Flowers and Florists' Supplies

Consignments Solicited

WIRE GOODS OF ALL KINDS

Write for Price List

34-36 East Third Street, CINCINNATI, O.

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The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS

CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.

Phone Main 584. 316 Walnut St., Cincinnati, O.

Mention The Review when you write.

ROSES AND CARNATIONS

FANCY FERNS AND GALAX—High-grade Stock

ORDERS FILLED SATISFACTORILY

Detroit Cut Flower Supply House

Wholesale Commission Florist. H. V. Pearce, Pres

6 Adams Ave. West, Detroit, Mich.

Home Phone 164. Bell, Main 974.

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C. A. KUEHN WHOLESALE FLORIST...

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.

1122 Pine St. - ST. LOUIS, MO

Mention The Review when you write.

H. G. Berning

WHOLESALE FLORIST

1402 Pine Street

ST. LOUIS, MO.

Mention The Review when you write.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.

New Reduced Price List



To fit	Per doz.	100
4-in. pots	$1.00	$ 7.00
5-in. pots	1.10	8.00
6-in. pots	1.20	9.00
7-in. pots	1.35	10.00
8-in. pots	1.60	12.00
9-in. pots	1.85	14.00
10-in. pots	2.10	16.00
12-in. pots	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.

W. H. GREVER, Manager

146 Hughes Avenue, BUFFALO, N. Y.

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E. G. Gillett

Wholesale Florist

Successor to GILLETT & OHMER

131 East 3d Street, CINCINNATI, O.

All Cut Flowers in Season

SPECIALTIES—American Beauties, Killarneys, Richmond, Maryland, Jardines, Brides—Heller Bros. stock—send me an order.

Greens of all kinds. Florists' Supplies.

WIRE WORK—This department manufactures the best work in the market. Send for illustrated catalogue. Look over your stock and send me a trial order. How about your **Hanging Baskets** for Spring?

Always Mention the....

Florists' Review

When Writing Advertisers

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.
Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

THERE are 288 nurseries in the State of Texas.

J. W. ADAMS & Co., Springfield, Mass., look forward to a fine business on Clematis paniculata this spring.

CHAS. N. LOWRIE, of New York, has been elected president of the American Society of Landscape Architects.

THE U. S. Department of Agriculture has issued a bulletin by Wm. L. Bray, entitled "The Mistletoe Pest in the Southwest."

IF business keeps on increasing as fast as it has since January 1, the middle of March will find a lot of nurserymen where they will be ready to quit taking orders.

THE State of Texas now proposes to apply its nursery inspection and license law to any outside florist who has an order to ship twenty-five geranium cuttings into that commonwealth.

WHY not move up the retail prices of nursery stock just a bit, in order to keep on a footing with other commodities? Besides, with a little more money for his product, the nurseryman can afford to give a better article.

AT the recent meeting of the Tennessee Nurserymen's Association, held at Nashville, the following officers were elected: President, A. I. Smith, Knoxville; vice-president, J. M. Miller, Winchester; secretary and treasurer, G. M. Bentley, Knoxville. The following committee on legislation was appointed: Col. John Thompson, Prof. H. M. Morgan, Prof. G. M. Bentley, Percy Brown, Geo. E. Parks, J. L. Jones and J. C. Hall.

WISTARIA AND MAGNOLIAS.

Please tell me what kind of roots to use for grafting white and blue wistarias and Magnolia Soulangeana. C. W. K.

Graft wistarias on portions of their own roots. They can also be propagated quite easily by layering. Magnolia Soulangeana should be worked on seedlings two years old and grown along in pots of M. acuminata or M. tripetala. A greenhouse is the best place for the successful carrying out of this method of progagation and either cleft or tongue grafting can be done. C.

ENGLISH IVY IN SHADE.

Will you tell me if the English ivy, so commonly used in Kew gardens under trees where the shade is too dense for grass of any kind to grow, has been found satisfactory when used for this purpose in America? If this is not satisfactory, kindly suggest something that would be, as I am desirous of covering some ground under trees in Pennsylvania where grass will not grow with something green the whole year around. J. R.

English ivy, while it grows fairly well under shady conditions, requires winter covering, or the leaves become badly scorched. For this reason it is hardly a desirable plant in our northern states for growing under trees.

The most satisfactory evergreen plant, one which winter never kills and is of a uniformly deep green color, which grows quickly and forms a close carpet even under trees, is Vinca minor, commonly called periwinkle and creeping myrtle. Even in poor, gravelly soil this vinca will grow surprisingly well. It is best planted in early spring, but can be set out during any moist, cloudy spell during the summer. Propagation is easy, either by division of the roots or from cuttings. While the plant produces its blue flowers freely, it bears few seeds. You will find this plant much superior in your latitude to the English ivy for the purpose named. W. N. C.

Apple Seedlings

We have some surplus, both AMERICAN and FRENCH grown.
All grades for grafting and budding.

Imported Fruit Tree Stocks

Now arriving—Cherry, Pear and Plum stocks.
ALL GRADES.

APPLE GRAFTS PIECE AND WHOLE ROOT
ORDER QUICKLY

Also a complete line of General Nursery Stock; mostly in storage.
Send List for Prices.

WANTED—APPLE SCIONS

Shenandoah Nurseries
D. S. LAKE, Prop. SHENANDOAH, IOWA

Mention The Review when you write.

BOBBINK & ATKINS
Nurserymen and Florists, RUTHERFORD, N. J.

Choice Evergreens and Conifers, Shade and Ornamental Trees, Herbaceous Plants.

LARGE COLLECTION OF DECORATIVE PLANTS, SUCH AS

Palms, Ferns, Bay Trees, Etc.

Ask for Wholesale Catalogue.

PEONIES

Humei, late rose; R. Hortense Tyrian red; Mme. Douriere, pink and salmon, for lawn planting, $3.00 per 100, March delivery.

Thomas J. Oberlin
Sinking Spring, - Pennsylvania
Mention The Review when you write

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.
Mention The Review when you write.

LARGE TREES
OAKS AND MAPLES. PINES AND HEMLOCKS
ANDORRA NURSERIES.
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

CHARLES C. NASH
Over 30 varieties of RASPBERRY PLANTS. 75c per 100 and up.
Selected wood for over 1,000,000 GRAPE CUTTINGS, 75c per 1000 and up.
No catalogue. Correspondence invited.
KALAMAZOO, - - MICHIGAN
Mention The Review when you write.

1/2 Million Roses

for February delivery in these and 400 other sorts.

Summer grown, on own roots.

	—2½-in.— Doz.	100	1000	4-in 100
Anna de Diesbach	50c	$3.50	$30 00	$ 8.00
American Beauty	85c	6 00	50 00	
Anny Muller	50c	3.00	25.00	
Ball of Snow (Boule de Neige)	50c	3 50	30 00	8.00
Bridesmaid	50c	3.00	25.00	8.00
Bougere	50c	3.00	25.00	8.00
Catherine Zeimet (White Baby Rambler)	50c	3.50	30.00	10.00
Duchesse de Brabant	50c	3.00	25.00	7.00
Etoile de Lyon	50c	3.00	27.50	8.00
Gruss an Teplitz (Vir. R. Coxe)	50c	3.00	27.50	8 00
Helen Gould (Balduin)	50c	3.00	27.50	8.00
Mme. Masson	50c	3.50	30.00	7.00
Mlle. Francisca Krueger	50c	3 00	25.00	8.00
Magna Charta	50c	3.50	30.00	7.00
Maman Cochet, pink	50c	3.00	27.50	8.00
Marechal Niel (4 in., 10c, 12c, 15c	50c	3.50	30.00	15 00
Marie van Houtte	50c	3.00	25.00	7.00
Meteor	50c	3.00	27.50	8.00
Papa Gontier	50c	3.00	27 50	7.00
Phyllis (Pink Baby Rambler)	50c	3 50	30.00	
Queen's Scarlet	50c	3.00	25.00	8.00
Reine Marie Henriette	50c	3.00	25.00	8.00
Rhea Reid	60c	4.00	35 00	10.00
The Bride	50c	3.00	25 00	8.00
Wellesley	50c	3.50	30 00	9.00
White Bougere	50c	3.00	25.00	8.00
White Maman Cochet	50c	3.00	27.50	8.00

Let us know your entire wants in roses.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart Trier — T. Blumschen, Lady Gay — La Flamma, Debutante, Hiawatha, Dorothy Perkins

12c each

Tausendschon — Barbier

20c each

Clematis Paniculata, field-grown, 1-year, 6c each

Clematis Paniculata, field-grown, 2-year, 10c each.

Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c

Hydrangea Paniculata Grandiflora, 2 to 3 ft. 9c.

Viburnum Plicatum, 2 to 3 ft., 12c.

Viburnum Plicatum, 3 to 3½-ft., 15c.

Chinese Sacred Lilies, $3.00 per 100; $25 00 per 1000

Dutch Hyacinths, named varieties, single and double, 45 kinds.

First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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PEONIES

Lucretia Dewberry

Prices right. Write

GILBERT H. WILD, Sarcoxie, Mo.

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50,000 Catalpa Speciosa (True Western) **Seedlings**

EVERGREENS Specimens for August planting.

California Privet—2-year

Ask for prices.

HIRAM T. JONES

Union County Nurseries — **ELIZABETH, N. J.**

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The Standard Mailing Tube

A Great Combination of Good Qualities

Strong—Resisting crushing in mail sacks.

Light—Making mailing cost low.

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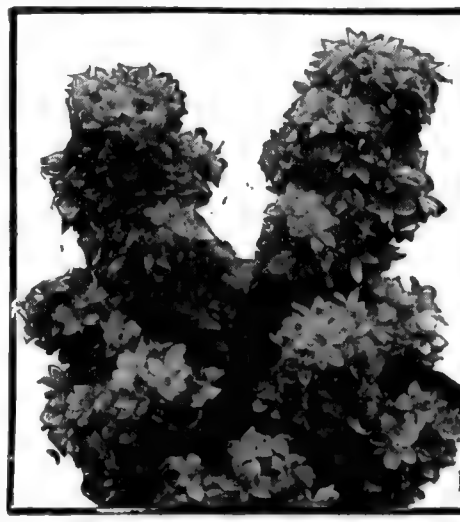
Satisfied Customers—We believe that 98% of plants carried in **Standard Tubes** arrive at destination in perfect condition. Can that be said of any other package?

Full range of sizes and special sizes to order promptly.

——Samples on request.——

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Beautiful! Novel! Valuable!

The Newest Lilacs

Double and Single

Extraordinary Offering

The improvement in the Lilac, especially in the double sorts, is marvelous, and all lovers of this flower will be delighted with these novelties. In size, form and color they far surpass the old favorites and we confidently recommend them to our patrons. Nothing that has been introduced recently is likely to prove so popular as the new Lilacs.

A beautiful illustrated booklet on Lilacs will be mailed on request, also our Illustrated General Catalogue, which contains accurate and trustworthy descriptions of the best

FRUIT AND ORNAMENTAL TREES, SHRUBS, ROSES and HARDY PLANTS

Ellwanger & Barry, Mount Hope Nurseries, Rochester, N.Y.

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STOCK FOR FLORISTS

ROSES for Forcing—Hybrid Perpetuals and Ramblers, all the best ones; fine, strong stock. **CLEMATIS, AMPELOPSIS, TREE HYDRANGEAS and LILACS, SHRUBS, VINES and PERENNIALS.** Write for prices.

JACKSON & PERKINS CO., Newark. Near Rochester, **New York**

Nurserymen and Florists—Wholesale Only. Use printed stationery.

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New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years — **GENEVA, N. Y.** — **800 Acres**

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FOREST TREE SEEDLINGS

We Have Millions of Seedlings

BLACK LOCUST, CATALPA SPECIOSA Red Bud, Sweet Gum, Sycamore, Persimmon, Poplar, Ash Elm, California Privet, and various other seedlings at very low prices.

A large stock of transplanted 2 to 6 ft. **Hamamelis Virginiana; Calycanthus,** sweet shrub, 6 in. to 3 ft.; **Spiraea Van Houttei,** 2 to 2½ ft.

FINE STOCK. SEND FOR LIST.

FOREST NURSERY & SEED CO.

McMINNVILLE, TENN.

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Bassett's Dahlias

Field roots—Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal, $3 50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.

2-yr.-old Peonies, $10 00 per 100.

J. Murray Bassett, Hammonton, N.J.

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FIELD GROWN SHRUBS IRIS PÆONIES ROSES THE U.S.N. CO.

The United States Nursery Co

RICH, Coahoma Co., MISS.

Mention The Review when you write.

Peonies a Specialty

Write us for latest price list

PETERSON NURSERY,

Stock Exchange Building. CHICAGO.

Always mention the Florists' Review when writing advertisers.



Rhododendrons

Just arrived from Holland, a large consignment of choice Rhododendrons and Azalea Mollis, full of buds, well-balled, will bloom for Easter. Buy of us and save heavy freight bills.

Write quick for **special prices.**

L. O. BEERY & SON, BAY TREE NURSERY, **Oakland, Cal.**

Mention The Review when you write.

PACIFIC COAST.

LOS ANGELES, CAL.

The Market.

While most of the northern and eastern cities are reporting zero weather, with many plant shipments coming in late and some of them frozen, southern California is enjoying summer weather, with a maximum temperature of 80 degrees, which tends to increase the supply of all kinds of flowers, though heretofore they have been scarce.

Sweet peas from outside have improved wonderfully; their stems are lengthening perceptibly and the flowers are large and perfect. Some nice stocks are being sent in, some pale pink ones being especially pretty, and they have a good sale. Calla lilies are so common that they are seldom seen in the stores. They are full of bloom now, in the open ground, and hedges of them are seen everywhere. Some Trumpet Major narcissi are coming in from outside. Many pots and pans of Dutch hyacinths are now seen in the stores. Tulips do not do well in California and only a few of them are grown. Azaleas and cyclamens are in fine shape, and help out when other flowers are scarce.

Many of the florists report business as unusually dull during aviation week, with nothing doing but funeral work. Others say that they had good sales of corsage bouquets and one of the florists remarks that there never has been a season when flowers were in such demand for corsage wear. An item in one of the daily papers was as follows: "A casual glance at the proscenium boxes down at Dominguez field any afternoon now reminds one of a flower show."

The damage done to the oranges by the frost is not as great as at first reported. The packers are taking great care that none of the frozen ones get in with those sent east. Some deaths of children have been reported from eating them. The frosts have put local tomatoes out of the market, and they are being shipped in from Cuba. The first carload sold at $4 per crate of six baskets. Eggplant is coming in from Florida. A few strawberries from local fields are coming in, but they are poor and sell at 15 cents a basket.

Various Notes.

Wright's Flower Shop reports a big call for orchids, Beauties and other choice flowers. One order called for two dozen choice orchids. One bunch of 110 Beauties sold for $300 at holiday time. They grow most of their own flowers. They are building four new houses, each 27x300, and will erect another, especially for orchids. They are the only growers in Los Angeles who handle Easter lilies. They grow Harrisii, using only the largest bulbs, and do not have much loss. Mr. Wright makes a specialty of valley and gets some exceptionally fine flowers.

At The Angelus some white poinsettias were seen, which are a rarity and can hardly become popular.

Some of the best roses sent into Los Angeles come from the greenhouses of William Haerle, of Hollywood. The florists who can procure them consider themselves fortunate. The writer paid a visit there and found everything in the pink of perfection. The house of Beauties was quite a sight, with canes six and seven feet long. He also grows My Maryland, Killarney, White Killarney and Richmond, all of which were in fine shape and so clean it was a pleasure to look at them. The orchid house had many blooms of cattleyas and cypripediums. One house of giganteum and longiflorum will be in bloom for Easter. He gets no lilies in before that time. He also grows quantities of azaleas and other flowering plants for the holidays. The cut of roses for the following morning's shipment fully upheld his reputation, as they were all fine buds with long stems. He uses distillate oil for heating. Soft coal is $14 a ton in California.

S. A. C.

SAN FRANCISCO.

The Market.

Business continues to be rather quiet, although the general opinion among retailers is that it is somewhat better than it was one year ago at this time, and the tendency is decidedly upward.

Flowers of all kinds, both inside and outside grown, are scarce, owing to the continued cold weather with which we have been blessed during the last six weeks. It gives signs, however, of becoming more salubrious and, although this will be pleasurable from one point of view, it is questionable if these really cold winters are or are not a benefit to the florists' trade. Roses and carnations are higher in price than we usually see them at this time, but the stiff rates will not keep in vogue much longer, as already the signs are for a heavy crop with a consequent dropping in price. We usually have plenty of wild flowers and fruit blossoms at this time, but from present indications it will be several weeks before these are seen in quantity. Violets and narcissi are practically all that we have from the outside at present, and we are bound to have a late season at all events. Maidenhair fern, both wild and cultivated, continues to be scarce, and the same can be said about both smilax and asparagus, although not quite so noticeable.

Various Notes.

H. M. Sanborn, of Oakland, has sold the property on which his floral establishment was situated for many years, and will retire from active business in favor of his son, who has been associated with him for several years.

The Sievers Floral Co. made an assignment to E. W. Gunther during the present week, in favor of their creditors. This firm was located on California street for several years before they opened at their present location.

The Elmhurst Floral Co., of Oakland, Cal., has opened a store in the Central Bank building in that city.

Word comes from Santa Rosa, Cal., that the magnificent greenhouses of Rudolph Spreckels were totally destroyed by fire on the night of January 29. The loss will approximate $5,000, and was caused by an explosion in the oil-burning apparatus.

John Mallett, one of San Francisco's pioneer gardeners and for several years a resident of southern California, is in town on a short visit.

G.

Pelicano, Rossi & Co. have had the plans drawn for a handsome six-story building, which is to be erected for them on Powell street, north of Ellis and immediately adjoining the Golden West hotel. The cost of the building will be

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots..per 1000, $25.00;	$3.00
Asparagus Sprengeri, 2½-in. pots	3.00
3-in.	5.00
Genista, nice plants. 2½-in. pots	6.00

Palms, Ferns, Seasonable Plants, Bedding Plants a specialty.

DAHLIA BULBS

We offer in quantity, over 50 varieties of the newest Dahlias, all types. Descriptive catalogue and trade prices on request.

Routledge Seed & Floral Co.

169 Second St., Portland, Ore.

Mention The Review when you write.

The Crego Aster The Best in the Market

With its enormous blossoms, long stems and vigorous, healthy plants, this Aster is becoming more valuable to the florist from year to year, and its remarkable success is due to the fact that it has had the benefit of twelve years of the most rigid and painstaking selection, every effort having been directed toward developing its commercial qualities—toward making it a money-maker for every florist who handles it. Growing no other seed of any kind, I am able to give this the closest possible attention.

This Aster has proved itself to be exactly what every florist needs; an aster which finds instant favor with his customers, for which they are willing to pay the highest price, and which gives him the highest return for his time and labor. It costs the grower no more to produce flowers of that grade than to grow the common run of asters which sell for but little more than enough to pay express charges.

If you are interested in getting the highest possible returns from your aster crop next summer, I shall be pleased to hear from you at an early date.

I have plenty of white and shell pink, but the supply of rose pink is already very low. Orders for that shade should be sent at once.

Prices for this season: Trade packet, $1.00; half-ounce, $3.50; ounce, $6.00. A substantial reduction from last year.

G. S. CREGO, 562 East Alder St., Portland, Ore.

P. S.—By an arrangement with a local grower I am able to offer seed of Vick's White and Pink Mikado as follows: Trade packet, 60c: quarter ounce, $1.35; half-ounce, $2.35: ounce, $4.00.

Mention The Review when you write.

Aster Seed

Late Branching, Oregon Grown.

Extra fine color, strong stems, fine for cutting. Prices: White, lavender, flesh pink and purple, 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 70c; 1 oz., $1.30.

W. B. SIMS, Grower, Newberg, Ore.

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"HIGHEST QUALITY"

Seeds, Plants, Bulbs and Supplies

Florists' and Gardeners' Trade solicited. Catalogue on request.

Routledge Seed & Floral Co

169 SECOND ST., PORTLAND, ORE.

Mention The Review when you write.

Rooted Carnation Cuttings

	Per 100	1000		Per 100	1000
Winona, light pink	$3.00	$25.00	Beacon	$2.25	$20.00
Enchantress	1.80	15.00	Victory	1.75	15.00
Winsor	1.75	12.00	Red Lawson	1.25	8.00
Rose-pink Enchantress	1.50	12.00	Estelle	1.15	12.00
Nelson Fisher	1.25	10.00	White Perfection	2.25	20.00
Harlowarden	1.40	12.00	White Enchantress	2.25	20.00
Eldorado, yellow	1.50	12.00	White Lawson	2.00	15.00
Variegated Lawson	1.25	10.00			

25 of one variety at 100 rate; 250 of one variety at 1000 rate. Express prepaid on orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

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Araucaria Excelsa

From 2-inch pots, 5 to 6 inches high, young, healthy seedlings with two tiers, at $16.00 per 100; $150 per 1000; 500 and over at the thousand rate.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; 1/8 oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; 1/8 oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, 1/4 oz., 50c; oz., $1.50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

Rooted Carnation Cuttings

Pacific Coast headquarters for quantity and quality. Send for price list.

Bassett's Floral Gardens, LOOMIS, CAL.

Mention The Review when you write.

Palms - Palms - Palms

Phoenix Can., Washingtonia, etc.

Exotic Nurseries, Santa Barbara, Cal.

approximately $60,000. On the first floor will be one large store, to be occupied by the owners. On the upper floors there will be thirty suites. The upper part of the building will be used as an annex to the Golden West hotel. The store will have a marble front, with large plate glass windows and with copper trimmings. On the front facade there will be a flower balcony, in which choice flowers will be grown. This balcony will adjoin a gallery in the flower store. The gallery will be on the mezzanine floor.

CAMELLIAS IN CALIFORNIA.

Among the most satisfactory of our hardy flowering shrubs, the camellia easily takes first place. Until a few years ago most people looked on this plant as only suitable for growing under glass or when kept in a pot. But it has been amply demonstrated that it will grow much more luxuriantly and flower more profusely when planted in the open. All that is required is a fairly heavy soil, good drainage and an abundance of water. The last proposition is the most important one to the entire camellia family. Rich soil will add greatly to the vigor and beauty of the shrub, but an excess of moisture can hardly be given.

Another erroneous impression is that the camellia is fond of shade. Although the foliage may assume a darker and more glossy luster when given partial light only, it will make a much more compact and stocky tree when perfectly exposed in a not too windy place. The sunshine never hurts either the foliage or the blooms. G.

NORTH ADAMS, MASS.—Hitchings & Co. are completing the extensive new greenhouses on the Cluett place in South Williamstown. The houses are of concrete and brick and are modern and up-to-date in every particular.

SCRANTON, PA.—Morel Bros. grow part of a house of that old favorite, bouvardia, and claim that the space occupied is as profitable as that devoted to carnations. White, pink and crimson in equal proportions are grown. For bouquet work there is scarcely anything more handsome and simple, with a backing of adiantum.

Always mention the Florists' Review when writing advertisers.

Bon Ami

An honest commercial Carnation.
Strong grower. Free from disease.
An early, continuous bloomer.
Blooms, 3 to 3½ in. Stems, 24 to 30 in.

A new seedling White Carnation of exceptional merit as a dividend payer. Not a gold brick or bunco sort. One that will pay its board and lodging and present its owner with a balance on the right side of ledger. Buy it and be convinced that Bon Ami is all that its name stands for, "A Good Friend."

Price, $10.00 per 100; $75.00 per 1000.

GEORGE E. BUXTON, Nashua, N. H.

Mention The Review when you write.

TAUNTON, MASS.

The Taunton Greenhouses have 3,000 longiflorum giganteum lilies in fine shape for Easter. Not over fifty pots were diseased in the lot. Governor Herrick violet is found to be useful here for funeral designs, blooming profusely all winter. Large quantities of plants are being grown for Memorial day and spring sales. Funeral work has been extra good all winter.

J. D. Christensen, at W. J. Clemson's, has a fine lot of candidum and Harrisii lilies for Easter, also hydrangeas, marguerites and other plants.

At the greenhouses connected with the Insane hospital, H. H. P. Carstens has a fine house of carnations, which includes a bench of seedlings. There is a good display of primulas, cinerarias and other seasonable plants. Among the orchids, Stanhopea oculata was in fine flower.

At the funeral of Congressman W. C. Lovering, February 7, there was the largest display of floral designs ever seen in Taunton. Many of these came from Washington and were elaborate. Local florists also furnished a number of designs. C.

Grand Rapids, Mich.—Wencel L. Cukerski has completed his greenhouses and is busy working up stock for spring plant trade.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3 50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

Mention The Review when you write.

Carnation Cuttings

White Enchantress	Lawson Enchantress
Beacon	White Perfection
Enchantress	Winona

$2.50 per 100; $20.00 per 1000

Winsor...$1 50 per 100; $12.50 per 1000
Georgia... 4.00 per 100; 35 00 per 1000

WHITE BROS., Gasport, N.Y.

Mention The Review when you write.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.
RICHMOND, INDIANA

Mention The Review when you write.

SHASTA

We are now shipping fine, strong cuttings of this variety daily, as fast as they are ready to come out of the propagating bed. We have enough orders booked to take all that will be ready up to February 15. Send in your order at once if you want late February delivery.

Come and see it growing

and be convinced that Shasta is the greatest paying white Carnation of the day. Once you see it you will want to grow it.

$12.00 per 100; $100.00 per 1000.

SEND FOR OUR PRICE LIST OF NEW AND STANDARD SORTS

BAUR & Smith, 38th St. and Senate Ave., **Indianapolis, Ind.**

Mention The Review when you write.

CARNATION BAY STATE

For price on this and other good varieties of Carnations see our advertisement in the classified department. **Fresh Cut Flowers shipped to all parts of New England and Canada.** High grade Carnation blooms our specialty; shipped direct from the grower to the retailer at wholesale price.

SHEPARD'S GARDEN CARNATION CO., 292 Fairmount St., **Lowell, Mass.**

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.



It takes good, healthy plants, free from rust and other diseases, to produce a crop like this. Our plants have retained their health and vigor since the date of this photograph. It takes healthy plants to produce healthy cuttings, so, if you want cuttings of this kind, send us your order.

	Per 100	1000		Per 100	1000		Per 100	1000
White Perfection	$3.00	$25.00	Afterglow	$3.00	$25.00	Lawson-Enchantress	$2.50	$20.00
White Enchantress	3.00	25.00	Beacon	3.00	25.00	Enchantress	2.00	18.00
O. P. Bassett	5.00	40.00	Victory	3.00	25.00	Mrs. Patten	3.00	25.00
Winsor	3.00	25.00	Rose-pink Enchantress	3.00	25.00	Lawson	1.50	12.50

ROSE CUTTINGS

Bride and Maid...$2.00 per 100; $17.50 per 1000 Killarney.....$3.00 per 100; $25.00 per 1000 Beauty.....$3 00 per 100; $25.00 per 1000

All cuttings guaranteed to be first-class.

WEILAND & OLINGER, Newcastle, Ind.

KAISERINS

800 1-year-old, field-grown, dormant **Kaiserin** plants, out of pots, $48.00.
500 4-year-old **Kaiserin** bench plants, $25.00.

WERICK BROS. CO.

Pine Ridge, Buffalo, N. Y.

Mention The Review when you write.

Carnation Rooted Cuttings

both standard varieties and the **best** novelties of the season. Write us before placing your order. We will guarantee first-class stock and prompt delivery

Katalog for the asking.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. PHILADELPHIA

Mention The Review when you write.

Rooted Cuttings

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Daisies,** white and yellow, $1.00 per 100. Express paid.

CASH WITH ORDERS

S. D. BRANT, Clay Center, Kan.

Mention The Review when you write.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Grafted and Own Root Roses

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120 00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid,			
Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

Carnations We are now booking orders for Carnations. Pink Delight and May Day are our leaders in new varieties. Winsor, Beacon, White Enchantress and White Perfection in quantity.

Chrysanthemums The best of the new ones and the best of the standards. Commercial varieties exclusively. We are booking orders for both rooted cuttings and plants from pots for February and March delivery.

Our Catalogue Contains the Carnation and Chrysanthemum lists. It includes our Rose list and the bedding stock. You need our catalogue. If you haven't received one, send for it. We can handle your order whether it is large or small.

Carnation Dorothy Gordon At Pittsburg

You must have seen and admired our Carnation Dorothy Gordon at the Pittsburg meeting. If you were there; our exhibit of this superb new variety attracted a vast amount of attention and caused much favorable comment from the hundreds of visitors who saw it. If you missed the show, just notice the very flattering mention that Dorothy Gordon received in the reports appearing in your trade publications of last week.

Our exhibit of 100 Dorothy Gordon in Section A won Second Prize; but more than any award we value the opportunity that many more of our friends had at that meeting for seeing this worthy new variety and passing on its merits at first hand.

Many orders booked daily

We have already sold more than 100,000 rooted cuttings this season and the limit of our growing capacity has nearly been reached. If planning to feature Dorothy Gordon this year, you should get in your order at once. Not much time is left anyway—so write us now if you want any stock this spring. Don't delay. Prices remain as previously quoted:

$10.00 per 100; $75.00 per 1000

Come and see it if you can, or write us for literature and full particulars—free. We'll gladly answer your questions.

Joseph Heacock Company, Disseminators, **Wyncote, Pa.**

Mention The Review when you write.

WHITE KILLARNEY, MY MARYLAND, PINK KILLARNEY

Rooted Cuttings and 2½-inch plants. Booking orders now for future deliveries. The right Place—the right Goods—the right Prices. Come and see them grow.

	Rooted Cuttings		2½ inch	
	Per 100	1000	Per 100	1000
White Killarney	$6.50	$60.00	$ 8 50	$ 75.00
" " grafted	....	.....	14 00	125 00
Pink "	4.00	35.00	6 00	55.00
" " grafted	....	.....	12.00	110.00
My Maryland	4.00	35.00	6.00	55 00
grafted	....	.....	12.00	110.00

	Rooted Cuttings		2½-inch	
	Per 100	1000	Per 100	1000
Richmond	$3 50	$30 00	$5.50	$50.00
Maid	3.00	25.00	5.00	45.00
Bride	3 00	25.00	5 00	45 00
American Beauties	4.00	35.00	7.00	65.00

Bride and Maid grown to order only

3½-inch sizes will be offered when ready at 40% increase over 2½-inch. You cannot afford to buy poor stock at 50% less.

POEHLMANN BROS CO., Morton Grove, Illinois

LOUISVILLE, KY.

Funeral work has had a good, steady call, and everyone has had his share. Several big weddings took place, and some decorations were taken care of by the live decorators, and, as lily of the valley is the popular flower for the society girls' bridal bouquets, quite a few were used. Dinner and after-the-theater parties were frequent, and that gave us some work for tables. Two golden weddings were celebrated and a good call was had for yellow tulips and jonquils, which at the time were rather scarce, it being a little too early for them. Quite a few blooming plants, trimmed in yellow, were sold for these occasions. Blooming plants had a good call all through January, although the supply was limited to only a few varieties the first three weeks of the month. The last week of January and the first week of this month found all the stores with azaleas, rhododendrons, cyclamen, primulas of all kinds, jonquils, tulips, hyacinths and a few others. A few white lilacs are to be seen, but they are quite scarce.

In the line of cut flowers we have had enough of everything but roses, which are off crop, and what few are to be had are of poor quality, but are bringing good prices nevertheless. Carnations have been rather plentiful, but about two-thirds of them were splits. A good many were sold at 75 cents per dozen, which is a poor price for them at this season of the year. A large number were sold at 5 cents for McKinley day—in fact, more than any previous year for that occasion. Violets are never too plentiful, and are retailing at $2 per hundred. Valley and orchids are about equal to the demand. Jonquils, tulips, narcissi, hyacinths and freesia are equal to the demand. Green goods are a little scarce, with the exception of smilax. St. Valentine's day is near at hand, and a busy day is expected. K. R.

Hughsonville, N. Y.—Adam Laub & Son are potting up some fine batches of carnation cuttings. They dispose of the cuttings through the medium of the Review and wholesale the blooms in New York city.

Conquest

Light pink overlaid with deep rose. The most valuable and attractive Carnation on the market. Lawson habit, very free, long stiff stems, large well built flowers.

Winner of first prize wherever shown. Rooted cuttings guaranteed.
Ready now, $12.00 per 100; $100.00 per 1000.

Chicago Carnation Co., A. T. PYFER, Mgr. **Joliet, Ill.**

Mention The Review when you write.

Mary Tolman

Deep flesh that does not fade in the strongest light, clean grower, rigid stem, perfectly formed flowers, good producer. Cuttings ready now. $12.00 per 100; $100.00 per 1000. Guaranteed in every way.

A. E. HUNT & CO., Evanston, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**
HUNT BROS., Park Ridge, Ill.

Mention The Review when you write.

SANGAMO

Brilliant glistening pink. Winner wherever shown. The most prolific and fastest growing Carnation of any; very clean, upright grower, long stiff stems, never splits, flowers nicely fringed and well rounded out. The one real money maker for you to grow. Orders booked now.

$12.00 per 100; $100.00 per 1000.
All cuttings guaranteed.

A. C. Brown, **Springfield, Ill.**

Chicago Carnation Co., **Joliet, Ill.**

Mention The Review when you write.

:: ROOTED CUTTINGS ::

Carnations

	100	1000
O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
White Perfection	2.00	15.00
White Lawson	1.50	12.50

Fine, Clean, Strong, Well-rooted Stock

Roses

Rooted Cuttings	100	1000
Killarney	$2.50	$20.00
Richmond	2.00	17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Perle	2.50	20.00
Sunrise	2.50	20.00

2½-in pot plants	100	1000
P. Killarney	$4.50	$40.00
Richmond	3.00	25.00
Chatenay	3.00	25.00
Bride	3.00	25.00
Bridesmaid	3.00	25.00
Uncle John	4.00	35.00
Ivory	4.00	35.00
Perle	4.00	35.00
Sunrise	4.00	35.00
My Maryland	6.00	50.00

Peter Reinberg, 35 Randolph St., Chicago

Mention The Review when you write.

ROSES

Fine 2½-in. pots. Own roots.

Orders booked now for March and April delivery.

	Per 100	1000
White Killarney	$8.00	$75.00
Killarney	5.00	45.00
My Maryland	6.00	50.00
Rhea Reid	6.00	50.00
Richmond	5.00	45.00

Also American Beauties

Carnation Rooted Cuttings

	Per 100	1000
Patten	$3.00	$25.00
Afterglow	3.00	25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Victory	2.50	20.00
Robt. Craig	2.50	20.00
Lady Bountiful	2.00	17.50
White Lawson	2.00	17.50
Winsor	2.00	17.50
Mrs. T. W. Lawson	1.50	12.00
Light-pink Lawson	1.50	12.00

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

NEWBURGH FLORAL CO.

Rooted Carnation Cuttings

Now ready for delivery. Perfectly healthy stock.

	Per 100	1000
Enchantress	$2.00	$15.00
W. Enchantress	2.50	18.00
Kingston Pet	2.50	18.00
Beacon	2.50	18.00
White Lawson	1.50	12.00
Winsor	1.50	12.00
Variegated Lawson	1.50	12.00

Send your orders for Feb. or March delivery.

NEWBURGH FLORAL CO.
NEWBURGH, N. Y.

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2.00	$15.00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20.00
Pink Lawson	2.00	15.00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS
514 Asbury Ave. EVANSTON, ILL.

Always Mention the....
Florists' Review
When Writing Advertisers

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat, Beacon.

Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted,
Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.
If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

Mention The Review when you write.

MILWAUKEE.

The Market.

With quite a few pre-lental parties, balls and other such functions, and a steady stream of funeral work, all the incoming stock last week was quickly disposed of. Roses were hardly up to the demand at various times. The supply of Beauties was limited, and they moved well. All kinds of bulbous stock is becoming more plentiful; so, also, are carnations, but there was nothing left at any time.

Club Meeting.

The club meeting, February 3, was a most interesting one. N. Zweifel and H. V. Hunkel gave short, interesting reports on the trip to the Pittsburg carnation convention. They also spoke of various eastern establishments, among them the Cottage Gardens, Julius Roehrs Co., F. R. Pierson Co., etc., visited after the convention.

It was voted to hold a flower show in 1910, and the chair appointed the following to serve on the executive committee: C. Dallwig, Aug. Kellner, C. C. Pollworth, J. G. Heitman, H. V. Hunkel, A. Leidiger, Wm. C. Zimmermann and Nic Zweifel.

The following were elected to membership: Fred. Mueller, Frank Burndt, Geo. Dubberphul, Fred Kaiser, A. Sommer, Frank Holtketter, Paul Benke, Henry Koegler, Martin Christiansen, Peter Monhos, Otto Eggebrecht and A. Griebler.

Various Notes.

The Aug. F. Kellner Co. had the decorations at the West Side Turners' hall for the annual masquerade ball of the Turnverein, held February 5. They transformed the large hall into a Japanese garden, using large quantities of wild smilax, and this, with numerous Japanese lanterns and parasols, gave the whole a very artistic appearance.

Wm. C. Zimmermann, of Fifth street and Grand avenue, reports a good business in funeral work all last week. It was especially rushing on Wednesday.

Fred Holton, of the Holton & Hunkel Co., has a great deal of sickness in his home, both wife and family being ill.

Walter Halliday, head of the working force at the C. C. Pollworth Co.'s wholesale house, was absent the first half of the week, owing to the death of his mother, who had been ill for some time. She was 54 years of age.

Visitors who called during the week were: Mr. Zuelke, of the Riverside Floral Co., Appleton, Wis.; Mrs. Miller, of the Racine Floral Co., Racine, and Mrs. Hinchliffe, Racine. E. O.

Carnation Cuttings

Strong, Well Rooted, Healthy Stock.

	Per 1000		Per 1000
Enchantress	$15.00	Mary Tolman	$100.00
R. P. Enchantress	15.00	Winona	25.00
W. Enchantress	25.00	Afterglow	25.00
Lawson-Enchantress	15.00	Variegated Lawson	12.00
O. P. Bassett	40.00	Pink Lawson	10.00
Lucille	50.00	Queen	8.00
Beacon	25.00	Sarah Hill	20.00
Mrs. Chas. Knopf	40.00	White Perfection	25.00
Victory	20.00	Harlowarden	15.00
Winsor	15.00	Ruby	45.00
		Aristocrat	25.00

——Cash or C. O. D.——

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

NEW

CARNATIONS

The two prize-winning introductions of the Cottage Gardens

Mrs. C. W. Ward

Mrs. C. W. Ward is a perfectly formed flower, with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

Awards

Society of American Florists, silver medal, Boston, 1906; the Craig cup for best seedling, Philadelphia, 1906; the Lawson bronze medal, Washington, 1908; the Horticultural Society of New York, silver medal, sweepstake prize for best 100 blooms, New York, 1909; The Horticultural Society of New York, diploma for best new variety, New York, 19 9.

Price, Rooted Cuttings—$2.00 per 12; $12.00 per 100; $100.00 per 1000; 25 at the 100 rate; 250 at the 1000 rate. February 20 delivery.

Alma Ward

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

Alma Ward is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter on strong, erect stems, 36 to 42 inches in length.

Awards

The Lawson silver medal, Toronto, 1907 (no gold medal having been awarded); the Lawson gold medal, Washington, 1908; The Society of American Florists, silver medal, Washington 1908.

Price, Rooted Cuttings—$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000. March 1 delivery.

These varieties bring from $2.00 to $4.00 per 100 more than any other Carnation sold in the New York market.

Cottage Gardens Co., Inc.

Queens, Long Island, N. Y.

ROOTED CARNATION CUTTINGS

NEW CARNATIONS FOR 1910

	Per 100		Per 100
Dorothy Gordon	per 100, $75.00; $10 00	Admiration	$12.00
Shasta	12 00	Alma Ward	per doz., $2.50; 15.00
Scarlet Glow	12.00	Mrs. C. W. Ward	12 00
Sangamo	12 00	Conquest	12.00

CARNATIONS OF 1909

	Per 100		Per 100
O. P. Bassett	$6.00	Ruby	$6 00
Pink Delight	6.00	Mrs. J. C. Vaughan	6.00
Mrs. Chas. Knopf	6.00	Georgia	6.00

STANDARD VARIETIES

White Varieties—	Per 100	Pink Varieties—	Per 100
White Enchantress	$3.00	Winsor	$3.00
Lady Bountiful	3.00	Afterglow	3 00
White Perfection	3 00	Splendor	3 00
Queen Louise	2.50	Pink Imperial	2.50
The Queen	2.00	Rose-pink Enchantress	2.50
My Maryland	2 00	Mrs Thos. Lawson	2.00
Sarah Hill	3.00	Nelson Fisher	2.00
Lloyd	3.00	Mabelle	1 50
		Variegated Enchantress	2.50
Red Varieties—			
Robert Graig	$3.00		
John E. Haines	2.00	**Yellow Varieties—**	Per 100
Beacon	3.50	Eldorado	$2.00
Flamingo	2 00	Golden Beauty	2.00
Victory	3.00		
Roosevelt	2.00	**Variegated Varieties—**	Per 100
Harlowarden	2.00	Mrs. Patten	$2 50
Cardinal	2 00	Jessica	2.50

GRAFTED and OWN ROOT ROSES ready for early delivery. Send for circular.

CHOICE VARIETIES OF VERBENAS

Rooted cuttings, our selection	$0.75 per 100; $ 6 00 per 1000
Plants, 2½ in. pots, our selection	2.50 per 100; 20 00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100; 8.00 per 1000
Plants, purchaser's selection	3 00 per 100; 25.00 per 1000

Entirely sold out of Miss Wilmott cuttings and plants.

J. L. DILLON, - - - - Bloomsburg, Pa.

Dracæna Indivisa and English Ivy

Dracaena Indivisa, 5-in., perfect specimen plants, pot-grown, $30.00 per 100. **English Ivy,** 4-in., pot-grown, staked up, 3 to 4 ft. long, $10.00 per 100. Place your orders now and have the stock shipped when you want it.

ROOTED CUTTINGS

Geraniums, Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Carnations, rooted cuttings. Enchantress, $2.50 per 100; $20.00 per 1000. Rose-pink Enchantress, $3.00 per 100; $25.00 per 1000. Pink Lawson, $2.00 per 100; $15.00 per 1000.
Russellias, 70c per 100; $6.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

Mention The Review when you write.

DECORATIVE PLANTS

	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15.00
5-in. " "	25.00
7-in. " "	60.00
2½-in. **Whitmani Ferns**	5.00
2-in. **Asparagus Plumosus Nanus**	3.00
4-in. " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

D. U. AUGSPURGER & SONS CO.
PEORIA, ILL.

Mention The Review when you write.

EASTER PLANTS

You are interested in plants for Easter. We have Azaleas, Hydrangeas, in all sizes; Baby Ramblers, White Ramblers, Souperts, Lilies, Hyacinths, and other bulb stock. Write us in regard to these.

We can furnish you now, in bloom, Azaleas, Cinerarias Cyclamen and Primroses.

YOUNG ROSE STOCK. We have about 20,000 young Rose plants that will be ready for a shift in February. If you are interested in them ask for our list of varieties and prices.

FERNS. If you are interested in Ferns of any kind or size, write us and let us know what you will want.

GEO. A. KUHL
Wholesale Grower **Pekin, Ill.**

Mention The Review when you write.

GERANIUMS

American Beauty, 2¼-in. pots, $35.00 per 1000. S. A. Nutt, La Favorite, Mme. Barney, 2¼-in. stock, $2.00 per 100; $18.00 per 1000.

Hardy Phlox—Large lists, all true to name. Good sized clumps from the field. $4.00 per 100; $35.00 per 1000.
Write for descriptive lists of Dahlias and Phlox.

WOODWORTH & PARKER, Geneva, O.

Mention The Review when you write.

TIRED

Of Your Cattleyas?

Sell them to me before they die. State number of varieties and condition. Address No. 181, care of Florists' Review, Chicago.

GERANIUMS

Our Geranium Catalogue is recognized as the book of Geraniums, and will be found very interesting to any one who is in any way interested in Geraniums. Free to the trade. We do not send out rooted cuttings, only plants from 2 to 3-inch pots. Our price for good Standard Varieties from 2-inch pots is $2.00 per 100; $18.50 per 1000.

Our Special Collection of 1000, from 2-inch pots, for $18.50 per 1000, in 20 of the very best distinct semi-double varieties, is a collection that will rank second to none in the country; the same number of varieties, in 3 in. pots, for $25.00.

One each of 50 varieties, European 1909 Novelties, our selection, for $5.00.

	Per 100
Ivy Geraniums, 6 varieties	$2.00
Variegated Geraniums, 5 varieties	3.00
Apple-scented Geraniums	3.00
Pansy Geraniums, Mrs. Layal	6.00

Double Lobelia Kathleen Mallard; Alyssum, giant and dwarf double; Lemon Verbenas; Fuchsias, 6 varieties; Salvia Bonfire; Petunias, double mixed; Coleus, Golden Bedder and Verschaffeltii; Parlor Ivy, 2-inch pots, $2.00 per 100; 3-inch pots, $3.00 per 100.

Hardy Chrysanthemums. We have the largest collection in the country, $2.00 per 100, from 2-inch pots; not less than 5 of a kind.

Canna Roots, strong divisions, $1.75 to $2.50 per 100; $18.50 per 1000.

Dahlia Roots, whole field clumps, $5.00 per 100; $40.00 per 1000. Mixed to color, $4.00 per 100; $35.00 per 1000.

Cash with order. Visitors always welcome.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Cash with order.

Frank Oechslin, 4911 Quincy St., **Chicago, Ill.**

Formerly Garfield Park Flower Co.

Mention The Review when you write.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,
BROOKLYN, N. Y.

Palms, Ferns and Decorative Plants

Mention The Review when you write.

Julius Roehrs Co.
RUTHERFORD, N. J.
Palms, Plants, Orchids, Etc.
Send for Price List.

TARRYTOWN, N. Y.

The monthly meeting of the Tarrytown Horticultural Society was held in its rooms January 28. Important business was transacted with reference to the fall show. The committee appointed in this connection at a former meeting, to make such inquiries as would aid in selecting a good place for the show, reported that the Tarrytown hall could not be secured, but that suitable arrangements could be made for the use of the Irvington Town hall. They reported this as being as large as the Tarrytown hall and even better fitted for the purpose in view. On their recommendation, therefore, it was decided to hold the show there.

The monthly prize, for two plants of cyclamen, was won by James Stuart, gardener for Mrs. F. A. Constable, Mamaroneck, N. Y., with splendidly grown specimens. The judges also recommended that the unusual merit of the exhibit be recognized by awarding a cultural certificate, in addition to the regular prize. By a unanimous vote of the members present, the certificate was awarded. Mr. Stuart was requested to start the evening's discussion by giving an account of the methods by which he obtained such good results, and he responded with an interesting and instructive address.

At the next meeting of the society the subject is to be "Roses," the monthly prize being offered for a vase of twelve, other than American Beauties. Mr. McHendry, gardener to W. A. Read, Purchase, N. Y., will give a talk on "Rose Culture." For the March meeting the prize is offered for three varieties of forced vegetables.

WABASH, IND.—The annual convention of the Northern Indiana Association of Florists was held in the Tremont hotel, in this city, January 19. Owing to the flooded condition of the railroad tracks, the attendance was not as large as it might have been, but the meeting was good and was greatly enjoyed. W. W. Dederick, of Warsaw, presided, and John H. Shelton, of Rochester, was secretary. J. D. Conner, of the Conner-Ulsh Floral Co., and Mrs. Conner were host and hostess at a banquet at noon, served in the hotel. The next meeting will be held at Rochester. The new officers will be elected at Winona in July.

FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1 25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5 in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants, $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3 00, $5 00, $7.00, $8.00, $9.00, $10 00, $12.00, $15 00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c; 6-in., 75c.
Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

All my plants are in fine condition.

JOHN BADER
43 Ravine St., N. S., PITTSBURG, PA.

Mention The Review when you write

Palms and Other Seasonable Stock

We have an extra good stock of Forsteriana, made-up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values.
7-in. pots, 3 plants in a pot, 40 to 44 inches high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each.
Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each.
Full line of sizes of both Forsteriana and Belmoreana in Price List No. 5, just out. Send for it if you did not receive it.

Genista Racemosa—5-in. pot plants, bushy, $3.50 per doz.; $25.00 per 100.
Rhododendrons—18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Azalea Mollis—12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.
Bougainvillea Glabra Sanderiana—5-in., well shaped, bushy plants, $3.00 per doz.
Asparagus Sprengeri—2 in., $2.50 per 100; $20 00 per 1000.
Boxwood—Fine bush plants, 12 in. high, $3.00 per doz.; $20.00 per 100.
Fuchsias—Assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

Mention The Review when you write.

WE ARE NOW BOOKING ORDERS FOR

BEGONIA LORRAINE
BEGONIA LORRAINE LONSDALE
BEGONIA AGATHA

June Delivery

Our stock will be of the very highest quality, and we wish to impress upon our customers that all our Begonias will be twice shifted. Orders filled in rotation, 2½-in. pots, $15.00 per 100; $140.00 per 1000.

Special price on lots of 5000 or 10,000 plants

ROBERT CRAIG CO., 4900 Market Street, Philadelphia, Pa.

Mention The Review when you write.

FERNS For FERNERIES

Finest Stock in America
We have the best assortment of varieties generally used.
Assorted, per 100, $3.50; per 1000, $30.00.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

PRIMULA
Chinensis Obconica

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Well budded and round as an apple

In Easter varieties, in larger sizes, we have Bernard Andre alba (white), Niobe (white), Helene Thelemann (rose), Empress of India, Apollo (red), De Schryveriana (double variegated), Dr. Moore (pink), Mme. Van der Cruyssen, Louise Van Houtte (double large red), Simon Mardner, Vervaeneana, $1.25, $1.50, $2 00 to $2 50 each. In smaller sizes we have Simon Mardner, Van der Cruyssen, Niobe, Empress of India, Deutsche Perle, Vervaeneana, De Schryveriana, 50c, 75c, $1.00 to $1.25.

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Azalea Indica, in fine shape, in bud or bloom. Mme. Petrick, pink; Simon Mardner, pink; Deutsche Perle, white; Vervaeneana and Apollo, red; 75c, $1.00, $1.25 and $1.50.

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Cocos Weddelliana, 3-in., 15c.

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Easter Lilies, well started, 6-in. pots, raised from 9 to 10 bulbs, Multiflorum, Formosum and Giganteum, 25c and 35c

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Asparagus Plumosus, 2½-in., 3c; 3-in., big, 6c; 4-in., 10c.

Asparagus Sprengeri, 3-in., 5c; 4 in., 10c.

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Get Sprengeri for Easter, 6c; 4 and 5-in.
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Wagner Park Conservatories, Sidney, Ohio.

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W. J. Engle, R. R. 8, Dayton, Ohio.

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Cannas. David Harum, Pennsylvania, Burbank, Allemania, $2.00 per 100; $18.00 per 1000. King Humbert, $5.00 per 100.
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Cannas. Write Geo. A. Kuhl, Pekin, Ill.

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Strong, healthy, vigorous.

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Winona	3.00	25.00
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White Lawson	2.50	20.00
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STRONG, HEALTHY, WELL ROOTED CARNATION CUTTINGS.

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Strong, clean and well rooted.

Standard varieties.	100.	1000.
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
Winsor	3.00	25.00
Winona	3.00	25.00
Afterglow	3.00	25.00
Lawson	3.00	25.00
Melody	3.00	25.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Queen Louise	2.50	20.00
Beacon	3.00	25.00
Victory	3.00	25.00
Variegated Lawson	3.00	25.00
M. A. Patten	2.50	20.00
Mrs. Hutchison	3.25	25.00
Roosevelt	2.50	20.00
Boston Market	2.50	20.00
Flora Hill	2.50	20.00
Dorothy	2.50	20.00
Elbon	2.50	20.00
Liberty	2.50	20.00
Climax	2.50	20.00
White Beauty	2.50	20.00
Yellow Beauty	2.50	20.00
New varieties.	**100.**	**1000.**
Alma Ward	$15.00	$120.00
Mrs. C. W. Ward	12.00	100.00
Sangamo	12.00	100.00
Dorothy Gordon	10.00	75.00
Apple Blossom	6.00	50.00
May Day	6.00	50.00
Georgia	6.00	50.00

S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION CUTTINGS.

Strong, well rooted, healthy stock.

Mary Tolman	$100.00	per 1000
Enchantress	15.00	per 1000
Rose-pink Enchantress	15.00	per 1000
White Enchantress	25.00	per 1000
Lawson-Enchantress	15.00	per 1000
O. P. Bassett	40.00	per 1000
Lucille	50.00	per 1000
Beacon	25.00	per 1000
Mrs. Charles Knopf	40.00	per 1000
Victory	20.00	per 1000
Winsor	15.00	per 1000
Winona	25.00	per 1000
Afterglow	25.00	per 1000
Variegated Lawson	12.00	per 1000
Pink Lawson	10.00	per 1000
Queen	8.00	per 1000
Sarah Hill	20.00	per 1000
White Perfection	25.00	per 1000
Harlowarden	15.00	per 1000
Ruby	45.00	per 1000
Aristocrat	25.00	per 1000

Cash or C. O. D.
SOL. GARLAND, DES PLAINES, ILL.

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. C. W. Ward	$12.00	$100.00
Conquest	12.00	.....
Sangamo	12.00	.....
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Robert Craig	3.00	25.00
Afterglow	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Harlowarden	3.00	25.00
Winsor	3.00	25.00
Lawson-Enchantress	3.00	25.00

Chas. H. Totty, Madison, N. J.

STRONG, HEALTHY, WELL ROOTED CUTTINGS. NOW READY.

	100.	1000.
Georgia, best white	$6.00	$50.00
Harvard, crimson	4.00	35.00
Faust, Christmas scarlet	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	3.00	25.00
Winsor	2.50	20.00
Beacon	3.00	25.00
Victory	2.50	20.00
Bay State	6.00	50.00
Victoria	4.00	35.00

REMEMBER WE GUARANTEE SATISFACTION.
James D. Cockcroft, Northport, L. I., N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000
Georgia	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	6.00	50.00
Winona	3.00	25.00
Winsor	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
O. P. Bassett	6.00	50.00
Beacon	3.00	25.00
Victory	3.00	25.00

And all the standard varieties.
THE LEO NIESSEN CO.,
1209 Arch St., Philadelphia, Pa.

Strong, well rooted carnation cuttings. Pink Delight, Mrs. J. C. Vaughan, Marchioness, O. P. Bassett, Mrs. Chas. Knopf, $6.00 per 100; Splendor, Beacon, Victory, White Perfection, $3.00 per 100. L. H. A. Klein, Towson, Md.

First-class carnation rooted cuttings.

	100	1000
Enchantress	$2.00	$18.00
R. P. Enchantress	2.00	20.00
Winsor	2.00	18.00
Afterglow	2.50	22.50
R. Craig	1.75	15.00
Harlowarden	1.25	10.00
White Enchantress	2.50	22.50
White Perfection	2.50	22.50
Queen Louise	....	12.50

Cash with order or will ship C. O. D. subject to examination.
Andrew Peterson, Hoopeston, Ill.

SELECT CUTTINGS, STRONGLY ROOTED. EXTRA GOOD VALUE.

	100.	1000.
White Enchantress, Beacon	$3.50	$30.00
Rose-pink, W. Perfection	2.50	25.00
Enchantress, Winsor	2.00	20.00
White Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

A Rockford florist writes us: "Your carnation cuttings received, and I most cheerfully say they are the best lot of rooted cuttings I have ever received." Let us reserve what you will need. Gullett & Sons, Lincoln, Ill.

CARNATION ROOTED CUTTINGS.

Strictly first-class stock of the best commercial varieties. 250 at 1000 rate.

	100	1000
Harlowarden	$2.00	$18.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.75	22.50
White Perfection	2.75	22.50
Pure White Enchantress	3.00	25.00
Winona	3.00	25.00
Beacon	3.50	30.00

A. A. GANNETT, GENEVA, N. Y.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$15.00 1000
R. P. Enchantress	2.00 100;	15.00 1000
Lawson-Enchantress	2.00 100;	18.00 1000
Winsor	1.50 100;	12.50 1000
Nelson Fisher	2.00 100;	15.00 1000
M. A. Patten	1.00 100;	10.00 1000
Lady Bountiful	1.50 100;	12.50 1000
Boston Market	1.00 100;	10.00 1000
Beacon	3.00 100;	25.00 1000

Cash or C. O. D.
John H. Miller, 5558 N. Lincoln St., Chicago.

CARNATION BAY STATE.

Last fall we bought a large stock of this new variegated carnation and now can offer first-class rooted cuttings at $3.00 per 100.

Also rooted cuttings, good stock, of Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winsor and Winona, $3.00 per 100; unrooted, $2.00 per 100. Reduced prices made on large orders.

SHEPARD'S GARDEN CARNATION CO.,
292 Fairmount St., Lowell, Mass.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Prosperity, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (Pink Prosperity, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

Carnation cuttings, clean, healthy stock, guaranteed. Enchantress, $2.00 per 100; $18.00 per 1000. Beacon, White Enchantress, Rose-pink Enchantress, $2.50 per 100; $25.00 per 1000. Lawson, $1.50 per 100; $15.00 per 1000. Winsor, $2.00 per 100; $20.00 per 1000. Admiration, $12.00 per 100; $100.00 per 1000. May Day, Georgia, O. P. Bassett, Mrs. Chas. Knopf, $6.00 per 100; $50.00 per 1000. Cash, please.
H. P. Smith, Piqua, Ohio.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

Clean, well rooted carnation cuttings, from plants of perfect health. Lawson-Enchantress, $3.00 per 100; $25.00 per 1000. Enchantress, Rose-pink Enchantress, Aristocrat and Afterglow, $2.50 per 100; $20.00 per 1000. Cash with order or satisfactory reference.
Henry Baer, R. F. D. 3, Peoria, Ill.

Carnations, strong, healthy rooted cuttings, ready now.

Enchantress	Lawson-Enchantress
Lady Bountiful	R. P. Enchantress
White Perfection	

$2.50 per 100; $20.00 per 1000.
O. P. Bassett, $6.00 per 100; $50.00 per 1000.
KRUEGER BROS., TOLEDO, OHIO.

Rooted carnations, strong, healthy stock. Lawson and White Lawson, $1.50 per 100; $12.00 per 1000. Enchantress and R. P. Enchantress, $2.00 per 100; $18.00 per 1000. Victory, $2.50 per 100; $20.00 per 1000. Will exchange for strong 3-in. Asparagus plumosus.
Wellworth Farm Greenhouses, Downers Grove, Ill.

Well rooted carnation cuttings, entirely free from all disease. Winsor, Enchantress, White Enchantress, White Perfection, Beacon, $3.00 per 100; $25.00 per 1000. Boston Market, $2.00 per 100; $17.50 per 1000.
Edw. Reid, 1526 Ranstead St., Philadelphia, Pa.

CARNATIONS—Continued.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Strong, clean, well rooted cuttings of Winsor, $3.00 per 100; $25.00 per 1000. We will exchange 1000 well rooted Winsor for 1000 well rooted White Enchantress.
Valley View Greenhouses,
Velie Bros., Props., Marlborough, N. Y.

Carnations. May Day, $6.00 100, $50.00 1000; Lawson and Victory, $2.00 100, $15.00 1000; Enchantress, W. Enchantress and W. Perfection, $2.50 100, $20.00 1000.
W. Frank & Sons, Portland, Ind.

Carnation rooted cuttings. Victory, White Enchantress, Enchantress, White Perfection, $2.00 per 100; Pink Lawson, $1.25 per 100.
Ernsberger Bros., Celina, Ohio.

Rooted carnation cuttings. Enchantress, W. Enchantress, Rose-pink Enchantress, Pink Imperial, $2.75 per 100.
South Bend Floral Co., South Bend, Ind.

Carnations. Winsor and Mrs. T. W. Lawson, from 2-in. pots, $2.50 per 100; $20.00 per 1000. Elegant stock.
N. A. Benson, 1360 So. Sherman St., Denver, Col.

Carnation rooted cuttings. F. Maid, $1.25; Mrs. Lawson, Harlowarden, $1.35 100. Nothing better. Otto Bourdy, R. D. 3, Lowell, Mass.

Carnations. Next delivery about March 15, at special prices. Send me a list of what you want. Albert M. Herr, Lancaster, Pa.

Carnation rooted cuttings. Beacon, Enchantress, Victory and Bountiful, $20.00 per 1000.
Wm. Murphy, 311 Main St., Cincinnati, O.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, immediate delivery.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations, Queen and Boston Market, rooted cuttings, $1.50 per 100; $10.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

Carnations, rooted, clean and strong, from boxes. Winsor, Beacon, $24.00 per 1000.
Rose Hill Nursery, New Rochelle, N. Y.

Wanted—10,000 unrooted cuttings pure White Enchantress. State price.
The Florex Gardens, North Wales, Pa.

10,000 strong White Perfection rooted cuttings, $25.00 per 1000.
The Florex Gardens, North Wales, Pa.

For first quality carnation cuttings, write us.
C. C. Pollworth Co., Milwaukee, Wis.

Carnations. Send for our list.
Geo. A. Kuhl, Pekin, Ill.

CENTAUREAS.

Centaureas, Emperor William, double blue, double white, 25c per 100; $2.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

CHRYSANTHEMUMS.

Chrysanthemums, strong, well rooted cuttings, from bench-grown stock, guaranteed to give the best of satisfaction.

	1000		1000
Mme. Touset	$10.00	W. Bonnaffon	$10.00
Bergman, early white	15.00	Y. Bonnaffon	10.00
Mrs. Robinson	10.00	Yellow Eaton	15.00
Oct. Frost	10.00	White Eaton	15.00
Ivory	10.00	G. Pacific	10.00
Pink Ivory	10.00	Chadwick	15.00

Golden Glow, $20.00 per 1000. This is the earliest and best money maker of all mums.
We have good R. R. service, 24 express trains daily.
Swan Peterson Floral Co., Gibson City, Ill.

Chrysanthemum rooted cuttings, $1.00 per 100, $10.00 per 1000, except where noted. YELLOW—Early: Monrovia; Golden Harvest, $1.50 per 100; Louise Sievers, $1.50 per 100; Golden Glow, $1.50 per 100. Midseason: Bonnaffon. Late: Appleton, Yellow Jones. WHITE—Early: October Frost, $1.50 per 100, Queen. Midseason: Lynnwood Hall, Alice Roosevelt. Late: Jerome Jones. PINK—Pacific Supreme, Mrs. Wm. Hunter, $1.50 per 100; Wm. Duckham, $1.50 per 100. RED—Amateur Counseil. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Chrysanthemums. Yellow Ivory, a fine yellow sport of the well-known Ivory, young stock, 2¼-in. pots, ready March 1, $15.00 per 100.
Mrs. O. H. Kahn, Pockett's Crimson and Yellow Miller, fine plants, 2½-in. pots, ready now, $10.00 per 100.
Monrovia, Golden Glow, Miss M. Hankey, Nellie Pockett, 2¼-in., $3.00 per 100, $25.00 per 1000. Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Chrysanthemum rooted cuttings, $1.00 per 100; $10.00 per 1000. Monrovia, Oct. Frost, Dr. Enguehard, Wm. Duckham, Cremo, Opah, Shaw, Jones, Minnie Bailey, Robinson, Maud Dean, G. Pacific, Estelle, Bonnaffon, White Bonnaffon, Black Hawk, Touset, Alice Byron and Nonin. Healthy stock, guaranteed.
D. R. Herron, Olean, N. Y.

Rooted mum cuttings from strong plants, bench grown. Jeanne Nonin, Yanoma, John Burton, Honesty, Golden Wedding, White and Yellow Bonnaffon, Wm. Duckham, Helen Frick, Dr. Enguehard, $1.00 per 100. Immediate delivery.
The Newburys, Mitchell, S. D.

Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready now. U. S. Express. W. C. Scovell, Malta, Ohio.

Chrysanthemums. 2000 very heavy, well rooted White Bonnaffon cuttings from soil, $2.00 per 100; $18.00 per 1000.
Wilfrid Wheeler, Concord, Mass.

Chrysanthemums, coleus and other soft wooded plants, in rooted cuttings and 2½-in. pots, now ready. Geo. A. Kuhl, Pekin, Ill.

Pompons, field clumps, 4c; the lot of 1000, $30.00. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, $2.00 per 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cinerarias, fine stock, 3-in., $5.00 per 100.
Ullrich's Greenhouse, Tiffin, Ohio.

Cinerarias, Dreer's dwarf, 4-in., $8.00 per 100.
Krueger Bros., Toledo, Ohio.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100. Large flowering, purple, red, white and blue, $2.00 per 10.
F. A. Baller, Bloomington, Ill.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

Clematis coccinea and crispa. Ask for prices.
Wm. Tell, Austin, Tex.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100, by mail. 50,000, good, strong, clean, well rooted cuttings, now in sand; 300,000 more coming on. Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand, and all other leading varieties. Come and see them. Cash with order.
C. Schulze & Son,
261-275 Lawrence St., Flushing, L. I., N. Y.

Coleus, Verschaffeltii, Golden Bedder, John and Anna Pfister, Firebrand, Speciosa and 15 other fancy varieties. Rooted cuttings, 60c per 100, $5.00 per 1000; 2¼-in., $2.00 per 100.
Curtis Floral Co., Hampton, Iowa.

Coleus rooted cuttings. Golden Bedder, Verschaffeltii and 10 other fine varieties, 60c per 100, $5.00 per 1000; 2½-in. pots, $2.50 per 100. D. H. Ruthrauff, Seneca Falls, N. Y.

Coleus, chrysanthemums and other soft wooded plants, in rooted cuttings and 2½-in. pots, now ready. Geo. A. Kuhl, Pekin, Ill.

Coleus rooted cuttings. New trailer, fine for window boxes, vases, etc., 25c per 10; $1.50 per 100. The Kaber Co., La Porte, Ind.

Coleus, 16 kinds, extra fine stock in top cuttings, 75c per 100; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Wm. Schwan & Son, Fredonia, N. Y.

Coleus rooted cuttings, 60c 100; $5.00 1000. Golden Bedder, Verschaffeltii and others.
E. B. Randolph, Delavan, Ill.

Coleus, standard varieties, 2¼-in., 2c. Extra good, strong stock. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Coleus rooted cuttings, 15 best varieties, 60c per 100; $5.00 per 1000.
Thos. Salveson, Petersburg, Ill.

Coleus, 6 best varieties, 2-in., $1.75; rooted cuttings, 75c per 100.
Krueger Bros., Toledo, Ohio.

Coleus rooted cuttings, good varieties, 60c per 100; $5.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Coleus rooted cuttings, 15 kinds, $5.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

CYCLAMEN.

Cyclamen for Easter. Giganteum superbum, new English strain, 10 varieties Rococo, in all colors, new fringed and frilled, the new salmon shades, all that is best; 4-in., $12.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen persicum giganteum, August sowing, twice transplanted, separate colors a fine mixture, $2.50 per 100; $20.00 per 100 Mail or express, charges prepaid.
E. Fryer, Johnstown, Pa.

Cyclamen giganteum (August seedlings), twi transplanted from flats; well-grown plants, in colors, $3.00 per 100; $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, five differe colors, J. C. Schmidt's strain, 3-in. pots, goo strong plants, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, 3-in., $4.75; 4-in., $12.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Il

Cyclamen giganteum, bud and bloom, 4-in 15c. Krueger Bros., Toledo, Ohio.

DAHLIAS.

Dahlias. Frank L. Bassett, Fire Rain, Jumbo Mrs. Winters, Gen. Buller, Souv. de Mme Moreau, Gettysburg, Brunhilde, John Elitch Queen Victoria, White Swan, Raphael, $2.00 pe 100. Snow, Gracie, Catherine Duer, Mrs. H. J Jones, Wm. Agnew, A. D. Livoni, Camelliaflora Silver Wings, Volker, H. Lyndhurst, Mrs. Edw Mawley, Maid of Kent, Mrs. F. Grinstead Blanche Keith, Eureka, $3.00 per 100. Cuban Giant, Mrs. Roosevelt, Mrs. Hartung, Henry Patrick, Eloise, Yellow Gem, Jeanne Charmet Countess of Lonsdale, Indian Chief, White Swan Princess Victoria Louise, Hero, Dainty, Souv. de Gustave Doazon, Kriemhilde, $4.00 per 100. Per 100 in ten kinds, ten of each, my selection, $2.50; per 100, in twenty kinds, five of each, my selection, $3.50; in thousand lots, 20% off. Above stock is strong divisions of field roots, sound and true to name. Cash or reference. W. A. Finger, Hicksville, L. I., N. Y.

Dahlias, best varieties, that will produce fine cut flowers the first season, from strong divided field roots. Mrs. Roosevelt, Kriemhilde, Sylvia, pink; Henry Patrick, white; Wm. Agnew, Catherine Duer, red; Countess of Lonsdale, salmon-pink, and Twentieth Century, single, $5.00 per 100. Thompson & Sons, Sta. D, Milwaukee, Wis.

Dahlias. Novelties and standard varieties, true to name, a choice list of the best introductions. Send for catalogue of dahlias, hollyhocks, hardy plants, etc.
W. W. Wilmore, Box 382, Denver, Colo.

Dahlias. Countess of Lonsdale, $8.00 per 100; Black Beauty, Elegante, $3.00; Arabella, Earl of Pembroke, $6.00. All large roots. Order today. Wagner Park Conservatories, Sidney, O.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Get my special offer of dahlias before buying. Large field clumps, surplus stock.
Barnes' Gardens, Spencer, Ind.

Dahlias, good, strong divisions, all named varieties, $1.75 per 100.
C. W. Hoffman, Route 13, Dayton, O.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B, Milwaukee, Wis.

DAISIES.

Marguerite daisies and Queen Alexandra, 2¼-in., 2c; 3-in., 4c; 4-in., Queen Alexandra, strong plants, good for Easter, 7c. Extra good strong stock. Cash. Aurora Greenhouse Co., Aurora, Ill.

Daisies. California, white and yellow, from seed, 75c per 100; Paris, 2½-in., strong plants, $1.75 per 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

Bellis or double daisies, pink and white, seedlings, 25c per 100; $2.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Shasta daisy plants, field-grown, 75c per 100; $6.50 per 1000. Cash or C. O. D.
Cook & Cook, Alvin, Tex.

Paris daisies, white, yellow, rooted cuttings, $1.00; pink, 2c. Cash.
Byer Bros., Chambersburg, Pa.

New fringed Shasta daisy, Seattle, 50c each. $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

Daisies, Marguerites, California, white, extra strong, $1.25 per 100, by mail.
S. W. Pike, St. Charles, Ill.

Marguerite daisies, white, strong, 2¼-in., 2½c. Hammerschmidt & Clark, Medina, O.

Marguerite daisies, 2-in. pots, $2.00 per 100
D. R. Herron, Olean, N. Y.

DIELYTRAS.

Dielytra spectabilis, field-grown, $4.00 100.
S. J. Galloway, Eaton, Ohio.

DRACÆNAS.

Dracaena indivisa. 1000 very fine plants, from 3½-in. pots, ready for a shift, will make fine vase plants by May, $8.00 per 100, or will sell lot for $50.00.
Wilfrid Wheeler, Concord, Mass.

Dracaena indivisa, fine, strong plants, from 3½-in. pots, $6.00 per 100; $50.00 per 1000. 8% discount for cash with order.
Fred H. Lemon & Co., Richmond, Ind.

Dracaena indivisa, 4-in., 12c; fine field-grown stock, ready for 5 and 6-in. pots. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 5-in., $20.00 per 100; 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, 5-in., see display adv.
John Irvine & Sons, Bay City, Mich.

Dracaena indivisa, 3-in., 5c; 4-in., 12c.
Mosbæk Greenhouse Co., Onarga, Ill.

EASTER PLANTS.

Easter lilies, 6-in. high, 6-in. pots, 25c. Primula obconica gigantea, 6-in. pots, full bloom, 35c.
L. J. Smith, 156 So. Centre, Merchantville, N. J.

EULALIAS.

Eulalias in variety, strong, field-grown, $5.00 100.
S. J. Galloway, Eaton, Ohio.

FERNS.

FERNS FOR FERN DISHES, best stock, largest assortment; 2¼-in., $3.00 per 100; $25.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, the most decorative plant in the world, 4-in., $8.50 per doz., $65.00 per 100; 5-in., $12.00 per doz., $90.00 per 100; 7-in., $2.50 each. Specimens, 10 and 12-in., in handsome oak-colored tubs with solid brass handles (novelty), no show window complete without one, $5.00 and $7.00 each.
ASPARAGUS PLUMOSUS, first-class 2¼-in. stock, $3.00 per 100; $25.00 per 1000.
Largest commercial collection of ferns in the country. Ask for descriptive catalogue.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!

Boston.					
4-in.	$12.00	100	7-in.	$60.00	100
5-in.	30.00	100	8-in.	80.00	100
6-in.	40.00	100	9-in.	1.25	ea.
Whitmani.					
5-in.	$30.00	100	7-in.	$60.00	100
6-in.	45.00	100	8-in.	80.00	100

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Three large houses full of fine ferns. Boston, Whitmani and Scottii, 2½-in., $3.50 per 100, $35.00 per 1000; 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $115.00 per 1000. All of these ferns are ready for a shift and are exceptional values. Cash, please. Also see advs. under asparagus and vincas.
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Strong, healthy table ferns, 8 to 10 of the best varieties, from 2½-in. pots, fully established for dishes, at the extraordinary price of $2.50 per 100; $20.00 per 1000. Cash with order. U. S. or Adams express. Orders filled in rotation.
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100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
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Ferns. Scottii, Whitmani and Elegantissima, 3-in., 10c; Piersoni and Boston, 3-in., 8c; Piersoni, Elegantissima and Whitmani, 5-in., 30c.
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Boston and Whitmani ferns, 5-in., 20c; 6-in., 40c; from bench, strong plants for 5 and 6-in. pots, 20c each. Extra good strong stock. Cash.
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Fine assorted ferns, out of 3-in. pots, well grown, $5.00 per 100. Cash with order.
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Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
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Boston ferns, 2½, 3, 4 and 5-in.; also Amerpoulii, 3, 4 and 5-in. Fine stock; prices right.
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Well established Boston ferns, $3.00 per 100.
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Feverfew Little Gem, 80c per 100 by mail.
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Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

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Genista racemosa, 5-in. pot plants, bushy, $3.50 per dozen; $25.00 per 100.
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50,000 geraniums, 2 and 2¼-in., good stock, best bedding varieties, labeled true to name.
A. Ricard (scarlet), Beaute Poitevine (salmon), Peter Henderson (dazzling scarlet), Comtesse d'Harcourt (best double white), 2-in., $2.50 per 100; $24.00 per 1000.
H. L. Hartman (double, deep rose-pink, shaded scarlet, large truss, XX), Marvel (dark red, shaded purple, better than S. A. Nutt), Jean Viaud (best pink), Beauty (large truss, single salmon), John Doyle (bright scarlet), Mme. Buchner (double white), 2¼-in., $2.25 per 100; $22.00 per 1000.
S. A. Nutt (crimson scarlet), Marvel (color described above), Mme. Buchner (double white), Jean Viaud (best pink), 2-in. stock, $2.00 per 100; $19.00 per 1000.
A discount of $1.00 per 1000 will be allowed on all orders stating that soil may be shaken off, as it does not hurt the plants and will reduce the express rates over one-half. Cash.
LOUIS P. FAULK,
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100,000 GERANIUM CUTTINGS.
Our stock is exceptionally strong and healthy and includes the following superb bedders: S. A. NUTT (best dark red), GEN. GRANT (best bright red), BEAUTE POITEVINE (salmon), JEAN VIAUD (pink), MME. BUCHNER (only double white), large top cuttings, well rooted, $1.50 per 100; $15.00 per 1000.
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Geraniums. 2000 A. Ricard, 2½-in. pots, $2.00 per 100; $18.00 per 1000. 2000 Buchner, white, 2½-in. pots, $1.75 per 100; $15.00 per 1000. 1000 S. A. Nutt, 2½-in. pots, $2.00 per 100; $18.00 per 1000. 500 J. Doyle, 2½-in. pots, $2.00 per 100; $18.00 per 1000. Nice stock, ready for shift. Cash with order.
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184 Van Vranken Ave., Schenectady, N. Y.

Geraniums. Our stock is in fine shape and includes the following superb bedders: S. A. Nutt, double Gen. Grant, Columbia, La Favorite, Rose-leaf and La Rosiere, rooted cuttings, $1.50 per 100, $15.00 per 1000; 2-in., $2.00; 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Geraniums, strong 2¼-in. 500 E. G. Hill, 500 La Favorite, 1500 S. A. Nutt, 500 Ricard, 400 De Castellane and 600 mixed, $2.00 per 100.
Arthur Harbison, Harrodsburg, Ky.

Geraniums. Good, strong top cuttings, 2¼-in., of Heteranthe and La Favorite, $2.00 per 100; $18.50 per 1000. Cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Geranium rooted cuttings. All cuttings sold for February. Orders booked for March delivery. Nutt, $10.00 per 1000. Ricard, Poitevine, 12.50 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Geraniums, good strong stock. S. A. Nutt, La Favorite, Viaud, A. Ricard, Poitevine, 2½-in. stock, $2.25 per 100; 3-in., $4.00 per 100. Mixed geraniums, 2c and 3½c.
Andrew Peterson, Hoopeston, Ill.

Geraniums. Ricard, Nutt and Buchner, strong, cool grown plants, from 2-in. pots, $2.00 per 100; $20.00 per 1000. Ricard, 2½-in., $2.50 per 100; mixed, $18.00 per 1000.
J. R. Brooks, Oxford Depot, N. Y.

Geraniums, good strong stock, ready to shift. 2000 each of S. A. Nutt and J. Viaud, 1500 La Favorite, 475 L'Aube, $2.00 per 100; $17.50 per 1000. Cash.
F. C. Greene, 610 Innis St., Oil City, Pa.

Geraniums. Buchner and S. A. Nutt, $10.00 per 1000; Ricard, $12.50 per 1000. Cash with order. Ready after Feb. 15.
C. F. Treichler, Sanborn, N. Y.

Geranium rooted cuttings. S. A. Nutt and Grant, $1.25 per 100; $10.00 per 1000. Cash with order. W. C. Myers & Sons, Scottdale, Pa.

Good 2¼-in. Nutt and John Doyle geraniums, $2.50 per 100; $20.00 per 1000. Cash. 500 at 1000 rate. Rutledge Nurseries, Rutledge, Pa.

Geraniums. Ricard, Poitevine, Bruant, De Castellane, La Favorite, Nutt, 2¼-in., $20.00 per 1000. S. M. Harbison, Danville, Ky.

Geraniums. Next delivery about March 7. Nutt, $10.00; Ricard and Poitevine, $12.50 per 1000. Albert M. Herr, Lancaster, Pa.

Geraniums. S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Rooted geranium cuttings. S. A. Nutt, Poitevine, A. Ricard, Dbl. Grant, La Favorite, $1.00 per 100. Wm. Schwan & Son, Fredonia, N. Y.

Geraniums. Nutt, Trego (scarlet), Viaud, Jaulin, La Favorite, 2-in., $2.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

1000 choice mixed geraniums, strong, 2½-in. pots, 2c; if taken at once, $18.00. Need room.
S. E. Muntz, Dubuque, Iowa.

Rose geraniums, 2-in. pots, $2.50 per 100. Geranium Salleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

500 Nutt, 500 dble. pink, 1000 mixed, white, red and pink, R. C., $1.00 1000.
Keeney's Greenhouse, Monongahela, Pa.

Mme. Salleroi geraniums, rooted cuttings, $1.00 per 100; 2-in., 2c.
U. G. Harglerode, Shippensburg, Pa.

Mme. Salleroi geraniums, strong, 2-in., $2.50 100. Cash. J. W. Miller, Shiremanstown, Pa.

Geraniums, 2½-in. Nutt, $17.50; Grant, La Favorite, $20.00 1000. Roney Bros., West Grove, Pa.

Geranium Mme. Salleroi, out of 2½-in. pots, $2.00 100. Cash. Stephen Chase, Nashua, N. H.

Geranium rooted cuttings, Nutt, $1.00 per 100.
Jacob Doerrer, R. 1, Columbia, Pa.

Geraniums, Ricard, Nutt, Poitevine, $12.50 1000.
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GLADIOLI.

My seven years of careful selecting and breeding of only the best specimens of Groff's mixed gladiolus seed enables me to furnish to the trade a stock of several hundred thousand mixed bulbs, far superior to the original Groff mixture. My stock is original and has no superior in its class; must be seen in bloom to know the real value of their large and varied colors, being unable to find any two specimens exactly alike. Over 1½ in. diameter, $8.00 per 1000; 1 to 1½ in., $6.00 per 1000; bulblets, bloom this year, $3.00 per 1000. 500 at 1000 rate. Cash. S. C. Mellinger, Calla, Ohio.

Gladiolus Alice Carey, the best white in cultivation, No. 1, $5.00 per 100; $40.00 per 1000. America, No. 1, $4.00 per 100; $30.00 per 1000. Price list free.
E. Y. Teas, Centerville, Ind.

Gladioli. Independence, the best red in the market; also Mrs. Frances King, Giant Pink, Augusta and Groff's hybrids, genuine stock. Write for prices.
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Gladioli, new forcing Pink Beauty. May character, only Pink throws several flowering spikes, $2.50 100. Cash. 1000 rates withdrawn.
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Buy Independence gladious direct from home. We grew the stock that was introduced in 1908. Planting sizes cheap for cash.
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Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
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Gladioli. Planting stock of Mrs. Frances King and other choice sorts. Cheap for cash.
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Get my special surplus offer of gladioli before buying. Barnes' Gardens, Spencer, Ind.

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Gladioli. Send for list.
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HARDY PLANTS.

Dianthus (pinks) in variety, field-grown, $4.00 100. Also all hardy plants, the cheapest and best. Send for list. S. J. Galloway, Eaton, Ohio.

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Heliotrope rooted cuttings, $1.00 per 100; 2¼-in., 2c. Extra good strong plants. Cash.
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Heliotropes, dark, fine stock. Rooted cuttings, ¾c each; 2-in., 1½c. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dark variety. Rooted cuttings, $1.00 per 100; 2½-in., $2.00; 3½-in., $5.00.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotropes, all sold to March 1, 75c per 100, prepaid; light or dark.
G. E. Fink, Roselle, N. J.

Heliotropes, dark blue; rooted cuttings, 75c per 100; $6.00 per 1000.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

Heliotrope rooted cuttings, 75c per 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

Dark heliotrope rooted cuttings, 75c per 100.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, the true large flowering forcing variety, warranted true. 2¼-in. pots, $3.00 per 100; one year field-grown, strong, 12 to 18 in., $6.00 per 100; $55.00 per 1000. New trade list ready. Write for it today.
Good & Reese Co., Springfield, O.
The Largest Rose Growers in the World.

Hydrangea arborescens grandiflora alba. We have the largest stock of strong, 2-year plants in America. Plants, 2 to 3 ft., $2.50 per doz., $15.00 per 100, $140.00 per 1000; good plants, 15 to 20 inches, $10.00 per 100. Price list.
E. Y. Teas, Centerville, Ind.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering. 1-crown plants, 6c; 2-crown, 8c.
Baur Floral Co., Erie, Pa.

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German iris in variety, named, $3.00 100; mixed, $2.00 100. S. J. Galloway, Eaton, O.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

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Ivy, English, rooted cuttings, 1c, $8.00 per 1000; 2½-in., 6c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ivy R. C. English, $1.00; German, 50c 100, prepaid. Cash. Chas. Frost, Kenilworth, N. J.

English ivy rooted cuttings, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Parlor ivy rooted cuttings, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

LILY OF THE VALLEY.

Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or references, please.
W. A. Finger, Hicksville, N. Y.

Lily of the valley, Bruns' celebrated Chicago Market brand, $15.00 1000; $1.75 100.
H. N. Bruns, 3040 Madison St., Chicago.

LOBELIAS.

Lobelia, blue, rooted cuttings, 90c per 100; $7.00 per 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Lobelia, blue, from flats, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

Double lobelias, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, Ohio.

MOONVINES.

Moonvines, 2-in. pots, strong plants, $2.50 per 100. C. L. Brunson & Co., Paducah, Ky.

Moonvine rooted cuttings, $1.50 per 100.
Stuart & Haugh, Anderson, Ind.

MYRTLE.

Myrtle, fine, field-grown plants, $25.00 and $40.00 1000. S. J. Galloway, Eaton, O.

NURSERY STOCK.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

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Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

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We have an extra good stock of Forsteriana, made up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values. 7-in. pots, 3 plants in a pot, 40 to 44 in. high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each. Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each. Full line of sizes of both Forsteriana and Belmoreana in price list No. 5, just out. Send for it if you did not receive it.
Storrs & Harrison Co., Painesville, Ohio.

Palms, especially strong plants, ready for shifting Kentia Belmoreana, 2½-in. pots, $9.00 per 100; $85.00 per 1000. Areca lutescens, 2½-in. pots, $7.00 per 100; $65.00 per 1000.
Jackson & Perkins Co., Newark, New York.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

Palms. Phoenix reclinata, 18 to 20 in. high, 5 to 7 leaves, 12½c each; $12.50 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

700 Latania borbonica, 4-in. pots, $20.00 per 100. Need the room and cash.
Chillicothe Floral Co., Chillicothe, O.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

PANSIES.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
Gustav Pitzonka, Pansy Farm, Bristol, Pa.

Pansies, fall transplanted, $1.25 per 100, $10.00 per 1000; fall sown, 50c per 100, $3.00 per 1000. Extra choice, said by growers to be the largest in the world, 30c per doz., $2.00 per 100. F. A. Baller, Bloomington, Ill.

25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
S. J. McMichael, 142 Larkins St., Findlay, O.

100,000 mixed best giant pansies, transplanted, $2.50, $3.50 per 1000. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Pansies, extra strong, transplanted stock, $5.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

Pansies. Present lot sold; will have plenty March 1. J. H. Krone, Jr., Ft. Smith, Ark.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Loyal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. Cash with order.
F. H. DeWitt & Co., Wooster, O.

Pelargoniums, 3-in., strong, $5.00 100. Cash.
J. W. Miller, Shiremanstown, Pa.

Pelargoniums, 2 varieties, 3-in., fine, 6c.
Hammerschmidt & Clark, Medina, Ohio.

PEONIES.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies, fine assortment. Write for prices.
F. A. Baller, Bloomington, Ill.

PETUNIAS.

Petunias, double, 10 sorts, R. C., 1c; 2-in., 2c. Cash. Byer Bros., Chambersburg, Pa.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

FLORISTS' PETUNIAS, the best large double white for design work. Always loaded with blooms size of carnations. Rooted cuttings, $1.00 per 100; 2½-in., $2.00.
S. B. Stern & Co., Montgomery, Ala.

Petunias, our unexcelled double giants, named and labeled. All cuttings sent out are well-rooted and healthy: $1.25 100 prepaid; $10.00 1000. Hopkins & Hopkins, Chepachet, R. I.

Double petunia rooted cuttings, $1.00 per 100, selected from Dreer's and other strains; named, $8.00 per 1000.
U. G. Harglerode, Shippensburg, Pa.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

Giant double petunias, 2½-in., ready for 4-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Petunias, double fringed, from 2-in. pots, 2½c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

PHLOXES.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100, $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

POINSETTIAS.

Poinsettia stumps, $4.00 per 100; small size, $2.00 per 100. Krueger Bros., Toledo, Ohio.

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Chinese primroses, 1400 4-in., large plants, full of bud and bloom; mixed colors, double and single, $7.50 per 100. Primula obconica, 3000 4-in., large plants, mixed colors, full of bloom, fine for Easter, $5.00 per 100. Try them.
Alonzo J. Bryan, Washington, New Jersey.

2500 Primula obconica grandiflora, 3-in., strong plants, full of bud and bloom, fine stock for Easter, $5.00 per 100. Liberal count for cash. Schaefer's Inc., Newburgh, N. Y.

Primula obconica grandiflora, Kermesina, rosea and alba, fine stock, in bud and bloom, 3½-in., $5.00 per 100; 4½-in., $8.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Primula obconica, 2½-in., $2.00 100. Chinensis, 3-in., $4.00; 4-in., $8.00; 5-in., $15.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Primula obconica, all colors, 3-in., $3.00 per 100, 200 for $5.00; 4-in., $5.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primulas. Chinese mixed, obconica, gigantea, rosea and alba, 4-in., 9c.
Hammerschmidt & Clark, Medina, O.

Primula obconica, in bud and bloom, out of 4-in., $6.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, O.

Primroses, 5-in. pots, $8.00 per 100; primulas, 5-in. pots, $12.00 per 100.
V. H. Thomas & Bros., Augusta, Ky.

Primula obconica, mixed, 2-in., 2c; 4-in., in bloom, 8c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

Chinese primulas, in bud and bloom, 4-in., 8c; 3-in., 5c. H. B. Snow, Camden, New York.

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500,000 3-yr. plants, with 12 to 20 branches have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rate. Cash with order.
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Maid	2.25 100;	20.00 1000
Golden Gate	2.00 100;	20.00 1000

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50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto, 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
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Vinca var., Sept. field rooted tips, strong plants, most of which have two or more leads, and can be grown into stock for this spring's sales, $1.25 per 100, $10.00 per 1000; from 2½-in. rose pots, 2c; 3-in. standard, 4c.
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Vinca variegata, from 3-in. pots, ready now, $4.00 per 100. Cash.
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SWEET PEAS FOR OUTDOORS.

Are the early forcing varieties of sweet peas, such as Watchung, Snowbird, Christmas White and others, a success for outdoor culture in early spring? If not, could you give the names of some of the best early varieties and the time of planting inside, preparatory to planting out? P. W. C.

We have not had much success with the forcing varieties of sweet peas, such as you name, when planted outdoors. Mont Blanc, as a white, does fairly well and comes in flower quite a little ahead of Dorothy Eckford and other sorts usually grown outdoors. Burpee's Earliest of All is a decided improvement on Blanche Ferry, and much earlier. Sunbeams is useful if pale yellow flowers are wanted. Among the varieties suitable to plant as a succession to the foregoing are Dorothy Eckford, white; Helen Lewis, orange pink; Helen Pierce, white, veined and marbled blue; King Edward VII, scarlet; Countess of Spencer and Gladys Unwin, clear pink; Frank Dolby, lavender, and Lady M. Ormsby Gore, blush.

For an early outdoor crop you should start the seeds in 3-inch pots in a cold frame about the middle of February. Sow two or three seeds in each pot. These can be planted out as soon as the weather will permit, usually early in April. If you want strong haulm and long stems, plant a foot apart in the rows. The rows may look thin for a time, but the quality and quantity of flowers will well repay you for the additional space given. C. W.



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PITTSBURG.

The Market.

The wholesalers agree that trade is good in a way, but prices are not what they should be just before Lent. Beauties are scarce, but there is no demand for them when anything over $5 per dozen is asked, so the shortage is not greatly felt, and there is plenty of everything else.

Among the retailers there is nothing to brag about. The usual funeral business and a fair amount of general trade is all they are doing. The weather, no doubt, has something to do with this.

Various Notes.

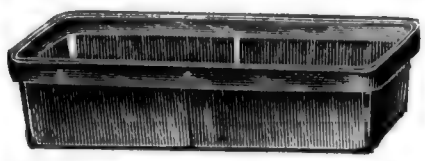
A. C. Brown, of Springfield, Ill., stopped over on his way home from the east and visited the Randolph & McClements greenhouses and the east end stores.

Frank Faulk, who has been suffering with rheumatism, is improving somewhat, but is not yet well, by any means.

The thermometer on the morning of February 7 registered 2 degrees above zero, and the weather is still cold.

Hoo-Hoo.

Pansy and Verbena Baskets



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000 ..... $ 9.00
Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000 ..... 15.00
Detachable wire handles for either of the above, per 1000 ..... 2.00

Have ten other sizes. Send for descriptive circular.

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Your customers will not complain of the plants you sell them, if set in these boxes.

37 styles and sizes in stock. Specials made to order for any purpose. Write today for illustrated catalogue and price list.

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Extract from paper read by John H. Dunlop before a convention of the Canadian Horticultural Association:

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FOR SPRAYING

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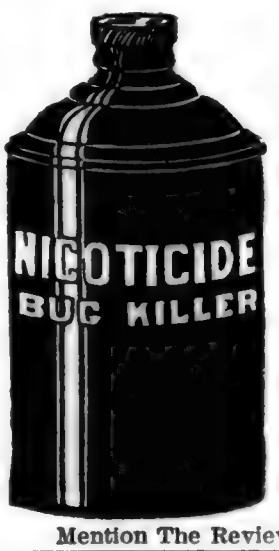
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Greenhouse Heating.

BOILER AND SMOKESTACK.

I have a fire-box boiler, four feet wide, twelve feet long and containing forty 3-inch flues, eight feet long. The grate surface is three feet six inches square. The boiler has a dome two feet high and two feet in diameter, and is now used for steam. Please state how much glass this boiler would heat with hot water, and whether it would heat more or less with steam. What should be the diameter and height of the chimney?

G. O. K.

The boiler should heat from 8,000 to 10,000 square feet of glass, using steam, and although it is customary to make a somewhat smaller estimate for hot water, it is probable that, owing to the large grate surface, it would answer for the same amount when hot water is used.

It will be well to make the chimney sixteen inches in diameter and from thirty to forty feet high, the greater height being used if there are buildings in the vicinity which would interfere with the draft. By increasing the height of the chimney a slight reduction in its diameter could be made.

THREE DEFECTS IN PIPING.

Please tell me the correct way to heat my greenhouse. The house runs east and west and is 20x80 feet. The boiler pit is at the northeast corner. The boiler is an upright of the usual make, with a 2-foot grate. The house has 4-foot walls and measures ten feet to the ridge. I had the boiler tapped for 1½-inch connections. I would have made larger openings, but, owing to the circumference of the boiler shell, I could not get a full thread in the iron, and thus would not have made a good job. The pipes are now connected as follows, using hot water:

I am using 1¼-inch flow lines, running west over the benches, on the walls, and 2-inch return coils, with one-eighth inch of fall to every eight feet of pipe. Is this the right way to put the piping in to receive the best results? I can not obtain a temperature above 45 degrees in zero weather. I should like to carry a night temperature of 50 degrees when the outside temperature is 15 degrees below zero. In the middle of the house I have an 8-foot bench, which I use for vegetables and which has no pipes either overhead or under it. Is this correct? I am located in Indiana. C. E. F.

From the description given, it is evident that there are at least three reasons why satisfactory results cannot be obtained. To obtain a temperature of 50 degrees when 15 degrees below zero, there should be at least 520 feet of radiating surface, and to carry this there should be either three 2-inch flow pipes or two 2½-inch flows, instead of two 1¼-inch flows, as in the present plan. Then, too, instead of having 520 feet of radiation, there are only a little more than 400 feet, and the arrangement of the pipes in the coils is such that the circulation is slow and ineffective. A part of the difficulty could be overcome by using a closed system, but even then it would be well to use 1½-inch flows, and 2-inch would be better.

It would be found helpful to the crops in the middle bench if a part of the radiation could be underneath, and if the

DO YOU KNOW ABOUT THE

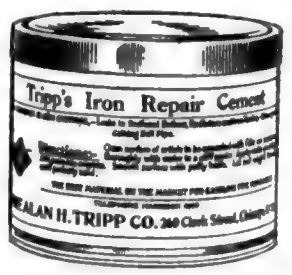
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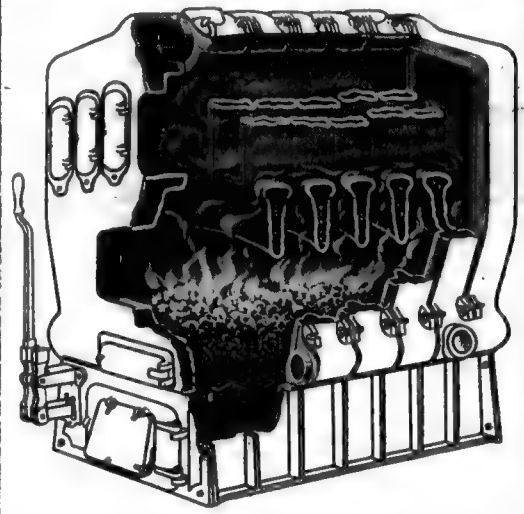
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The deep cross fire channels, with side flue openings, prevent flames from rushing to rear of boiler and out the chimney.

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Write for our **Guarantee and Best Prices**

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piping is to be rearranged I would advise the use of three 2-inch flow pipes, of which one should be under the ridge, to supply two 2-inch returns underneath the bench. Then on the sides use one 2-inch flow and two 2-inch returns, although, unless the house is well built and somewhat sheltered, it would be safer to put in an additional return on the exposed side.

BOILER BOILS OVER.

I have a small greenhouse, 20x26, running north and south, with the north end against a shed. The house is nine feet to the ridge and the side walls are four feet high; the east side is glass. There are eight lines of 2-inch pipe, four on each side; or, rather, there is one continuous pipe on each side, extending twice to the farther end of the house and back. In other words, the 2-inch pipe, starting as a flow attached to the purlin, runs to the farther end of the house, downward to the side wall and back to the vicinity of the boiler, but then, instead of empty-

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A Morehead Steam Trap is the standard remedy for condensation and steam trap troubles. Just pipe a Morehead Steam Trap in your greenhouse returns—Results: You can sleep in peace; save on fuel and water; grow better stock; have the reputation of being the most successful, up-to-date and satisfied florist in your community.

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Ask for trial proposition and "Florists' Trap Book."

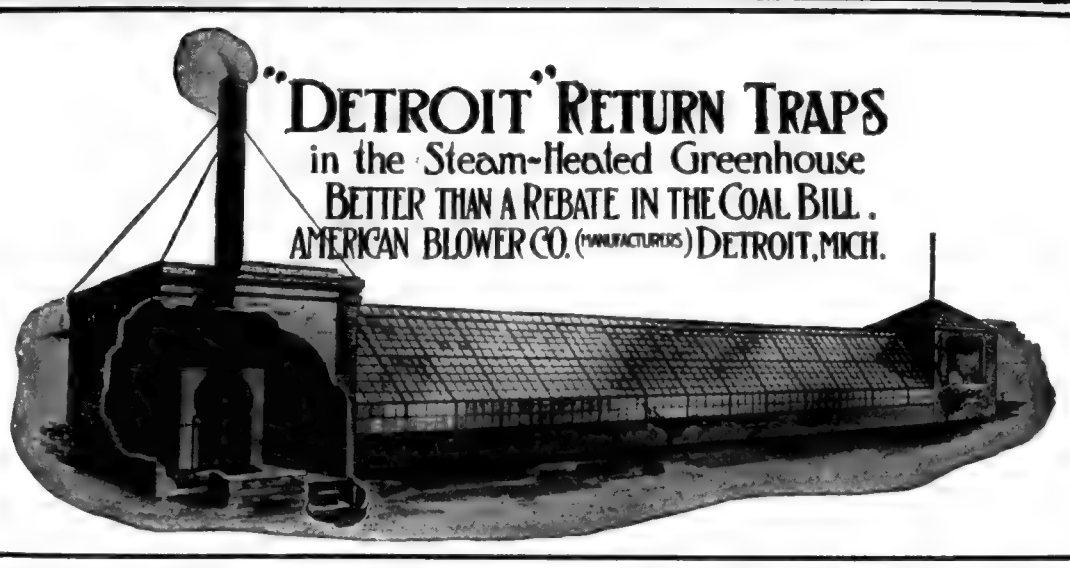
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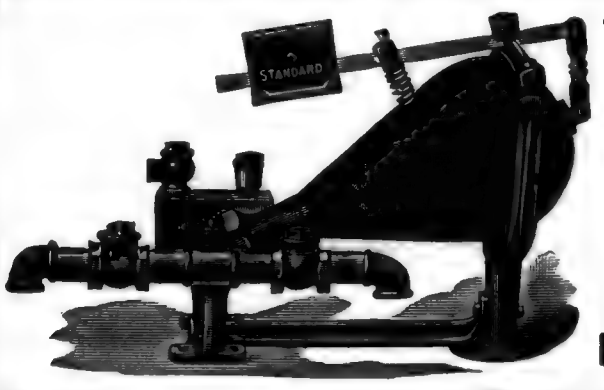
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is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

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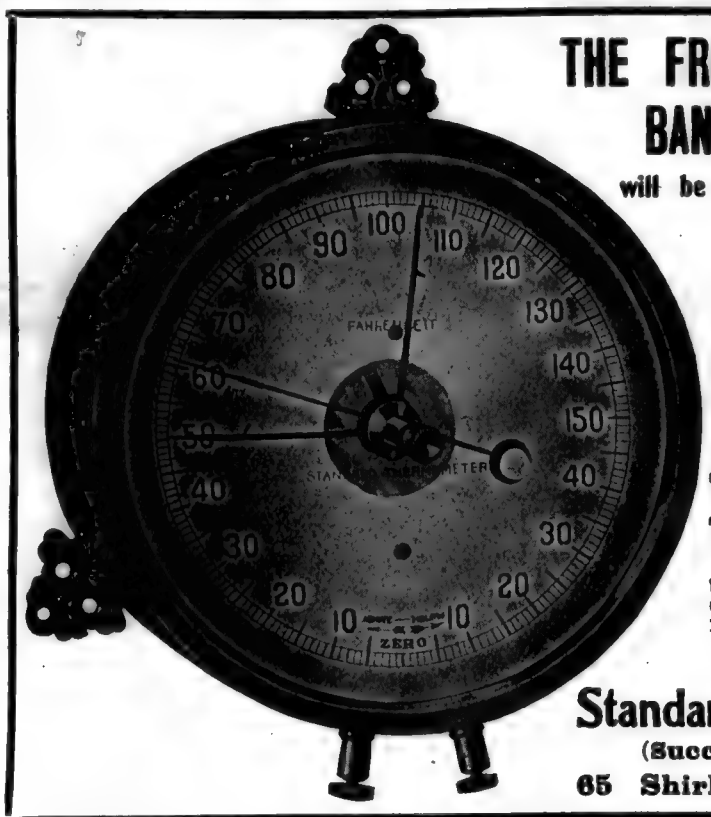
ing into the boiler, it makes the journey again to the farther end of the house and back. This piping does not work effectively.

The expansion tank is fifteen feet above the riser and is attached to the return close to where it enters the boiler. The return pipes, before dropping down into the boiler, are about on a level with the top of the boiler, which is a Bolton heater and has plenty of capacity. It is difficult to keep it from boiling over. R. C. H.

It is possible that one reason for the trouble from boiling over is that the boiler is larger than is required. Another reason is that the amount of radiation is considerably less than should be used to heat a house of the size described, and then, too, the arrangement of the piping is such as to prevent the rapid circulation of the water, and these all tend to increase the boiling over of the heater.

One method of correcting the difficulty would be to use it as a closed system, and this certainly should be done if the zigzag arrangement of the coils is to be retained and no more radiation is to be put in.

A better way would be to put in six additional 2-inch returns and connect them at each end, so that there will be two coils of six pipes each, through which the water can return directly to the heater, without traveling back and forth through the coils as with the present arrangement. The arrangement of the flow pipes, with one 2-inch main on each side, need not be changed, but it will be better to connect the expansion tank with the highest point in each flow pipe, rather than with the returns, as in the present system.



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STYLE 1

Diameter, 6 in. Price, $5.00 each

It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.

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Gentlemen: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.
Yours very truly,
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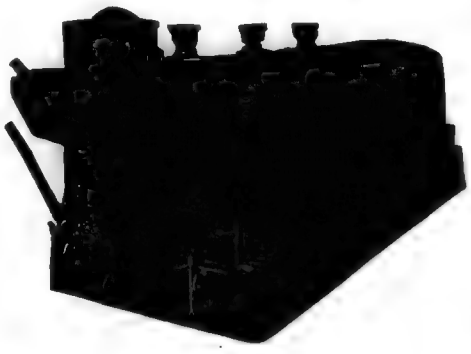
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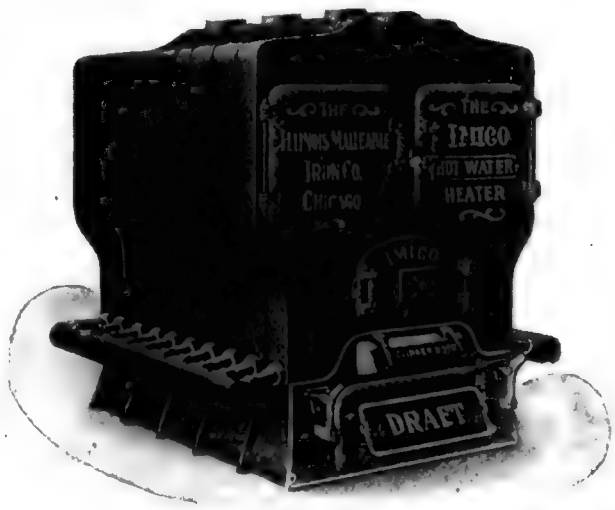
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Hot Water Boilers

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Are noted for coal economy and good results generally

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INSTALL ANOTHER FLOW.

My greenhouse is built on a slope, running lengthwise of a lot which is 150 feet long and has a fall of ten feet in the 150 feet. The house is 20x140, with the potting room and boiler room at the lower end. The boiler room is 10x20 and eight feet deep. The potting room is 10x20, making the total length of the greenhouse and potting room 150 feet. We have a 70-foot room in one end and a 70-foot room in the other, separated by a 4-foot concrete wall, with glass above. The side walls are four feet high.

We have eight pipes on each side,

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STEAM and HOT WATER

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W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.
Manufacturers of STANDARD FLOWER POTS

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Prompt shipments guaranteed.

Our terms are as good as the best.

Catalogue for 1910 on application.

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SYRACUSE, N. Y.

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making sixteen return pipes, and the flow is at the ridge. The returns are 1½-inch pipes. The flow from the boiler to the partition is 3-inch, and is then reduced to 2-inch. The coils come up to the partition and around to the door at the lower end, and they are arranged in the same way in the upper half of the house. Now, the upper end of each room is hotter than the lower end, and I want to know whether something can be done to equalize this heat, as it rises to the two higher ends. Please state, also, if we have enough piping to keep the house at 60 degrees at night when the outside temperature is 4 degrees below zero. We are located in Pennsylvania. M. E. A.

As near as I can make out from the description, there are two rooms, 20x70 feet, each of which has sixteen 1½-inch return pipes, and the common flow for the two houses is a 3-inch main, which is reduced to 2-inch after the first house has been supplied. This will give something over 1,200 feet of radiation in the two houses, which is too much to supply with one 3-inch main, especially as it means furnishing water to thirty-two 1½-inch returns, each of which is nearly eighty feet long and turns the corners at each end, which still more impedes the circulation.

While it would be better to use 2-inch pipe for the returns in a house of this length, it will not be necessary to make any change in the return pipes, especially as they provide about the correct amount of radiating surface. By running an additional 3-inch main, so that the coils in each house will be supplied by a 3-inch flow, the difficulty will probably be overcome. As now arranged, with a 2-inch flow supplying sixteen 1½-inch returns, it is not strange that the pipes become so cold, owing to the slow circulation, before they reach the lower ends of the coils, that they are not able to keep up the temperature, especially as the warmer air has a tendency to seek the highest part of each house.

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Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R
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4	19	18	2.00
5	21	20	3.00
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7	25¾	24	5.50



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2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.

Cash must accompany order.

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Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Specially adapted to florists' use. Write for prices.

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CINCINNATI.

The Market.

Business was exceptionally good last week and prices were somewhat more steady. The shortage on roses has been discouraging both to the wholesaler and retailer; in fact, they were ordered ahead of their arrival. The best grades of roses, which usually bring from $4 up, have been wholesaling at $10 per hundred. There has been an unusually heavy demand for American Beauties and Richmond, and shipments received in response to long distance telephone calls often proved disappointing. No doubt Lent will have a tendency to lessen the demand and as we are looking for brighter weather this shortage will soon be overcome.

Carnations have increased both in quality and quantity. Enchantress and White Perfection fetch top notch prices of $4 per hundred. Other grades vary from $2 to $3, according to quality. Narcissi, both white and yellow, also daffodils and jonquils, have been meeting with a ready sale. Double violets are more plentiful, especially shipped stock, but the singles have the call and are cleaned out daily. Harrisii and callas have been used liberally for funeral work and more could have been sold. Prices ranged from $10 to $12.50. Lily of the valley has been good property, selling out daily.

Sprengeri and plumosus are rather scarce, smilax enough to meet demand, and other greenery plentiful.

Various Notes.

Mr. and Mrs. Henry Behrens, of Middletown, O., celebrated their golden wedding jubilee last week with their interesting family of children and grandchildren. H. Schwarz.

West Wareham, Mass. — Everett Benson's new greenhouse has been completed.

Cedar Rapids, Ia.—I. N. Kramer & Son have a handsome post card showing pansies in color. The card bears an inconspicuous offer to send a packet of seeds and eight more cards for 15 cents, and is of such a character that most of those who receive the cards will mail them to their friends.



Awarded diploma and medal, 1907, for the celebrated
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Dealers and jobbers, ask for sample, price and electros for catalogs.
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WEST SALEM, ILL.

T. E. Hallbeck has for several years been working on canna crosses, and has obtained a number of varieties which seem to him to be improvements on existing sorts. Most noteworthy of these is a seedling he has named Bronzo, obtained by crossing King Humbert and King of Bronzes. The flower is salmon red and is not unusually large, but the beauty and usefulness of Bronzo is not in the flower, but in the foliage, which is quite unusual and difficult to describe. Around the edges of the leaves there is a band two inches or more wide, of a reddish purple, and the veining also is distinct. The midrib is a madder-brown, with green between these colors. The stalk is reddish brown. The leaves are long, of medium width. The variety grows from five to five and one-half feet high, and has a heavy base stalk which enables it to withstand high winds. Mr. Hallbeck thinks the variety will have a future as a bedding plant.

POUGHKEEPSIE, N. Y.—W. G. Saltford has a house of Lilium giganteum for Easter which appears to be the finest yet. As previously noted, these were potted up in December, and in many instances buds can be seen. A temperature of 80 to 90 degrees by day and 76 degrees at night will be maintained for a while. When the buds are full, the temperature will be reduced. Harrisii is as uncertain a proposition this season as it has been of late years. The grower who has a clean batch is a lucky individual.

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D. D. Johnson Co., 66 Wabash Ave., Chicago

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CLEVELAND.

The Market.

The cut of all kinds of flowers increased last week and there was enough stock of all kinds to fill orders, with the exception of roses, which are still in short supply. Tulips, single daffodils, Romans and valley are to be had in quantity. The quality of the bulbous stock is good for this season of the year. Violets have moved well all the week and the same might be said of Beauties. Callas and giganteums are received in quantity and are all cleaned up daily.

Various Notes.

Mr. and Mrs. Adam Graham, Sr., will make a trip around the world, starting this month.

Knoble Bros. report a good trade for past week, having had some large funeral orders, as well as work for large dinner parties.

John Kirchner reports one of the best weeks of funeral work in a long time.

Milford Parks had a blanket of Beauties for the Newcomb funeral.

Adam Graham, Jr., acted the rôle of hero one day last week, capturing a burglar in the act of robbing his father's residence.

Chappell & Son, of Garrettsville, are sending a fine cut of carnations to this market.

The F. R. Williams Co. is sending some good sweet peas to the Cleveland Cut Flower Co. B.

YONKERS, N. Y.

An interesting event that took place here on the evening of January 28 was the organization of the Horticultural Society. It has long been felt that the time was ripe for such a society to be formed, and it was only necessary that someone take the initial step. That the efforts of the promoters were successful is shown by the fact that nearly sixty members were enrolled.

The first meeting was an enthusiastic one. The following officers were elected: President, E. Bennett; vice-president, R. Cochrane; secretary, W. H. Waite; corresponding secretary, Lee Whitman; treasurer, P. MacDonald. The executive committee consists of H. Scott, J. Goff, T. Mahoney, R. Cummings, L. Taylor and A. MacDonald.

That the society will be a success there can be no doubt, with such a man as E. Bennett as president and W. H. Waite as secretary, both having had large experience in such societies. All the other officers and the members of the executive committee are also good, live men and hustlers. Lee Whitman.

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Fairhaven, Mass.—The material has been delivered for the framework of the greenhouses which Peter Murray intends to add to his range.

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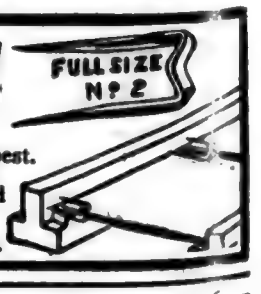


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DETROIT.

The Market.

Business is rushing and the weather is good, but stock is scarce excepting carnations. Some few weeks ago carnations were at a premium, but just at present they are plentiful and the quality is fine, with but few exceptions. Roses are good, but exceedingly scarce, and orchids and gardenias meet with a good demand, better than in previous years. Bulbous stock is coming along nicely and cleaning up well, excepting tulips in light colors. Considerable southern smilax is used for decorations for large fancy dress balls.

Various Notes.

Harry Bunyard was an interested listener at the recent meeting of the Florists' Club, and offered some good suggestions concerning flower shows.

The best Killarney now seen in these parts are being consigned to the Michigan Cut Flower Exchange by John Casey, of Mount Clemens.

Jacob Miller, of Kinnell & Miller, contractors, recently gave a talk and demonstration on cement benches, which proved most interesting.

The last meeting of the Florists' Club was fairly well attended. The better part of the evening was spent in discussing the fall show. Various schemes of advertising, decorating of hall, raising funds, etc., were brought up. H. S.

Portland, Me.—The business of the E. J. Harmon Co. has now been incorporated, with a capital stock of $10,000. The officers are: President, Edward J. Harmon; treasurer, Mabel I. Hayes. Last fall the firm opened a handsome, finely equipped store in the new Baxter building, and Miss Hayes has been one of the managers of this place.

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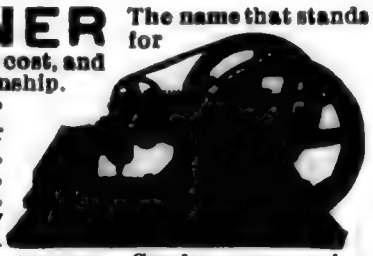
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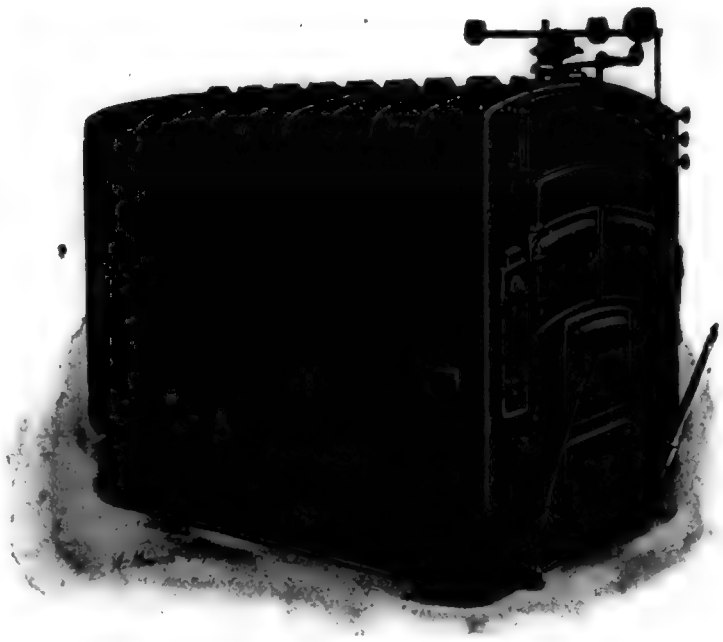
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, FEBRUARY 17, 1910. No. 638.

CANNAS

800 000 F. O. B. New York or Chicago

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Our Western Agents for Cannas.

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Mary Tolman	12 00	100 00	Aristocrat	3.00	25.00
White Enchantress	3.00	25.00	Afterglow	3.00	25.00
White Perfection	3 00	25.00	Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20 00	O. P. Bassett	6.00	50.00
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Daybreak Lawson	3.00	25.00	Victory	3.00	25.00
R. P. Enchantress	3.00	25.00	Andrew Carnegie	3.00	25.00
Winona	3.00	25 00	Gov. Deneen	6.00	45 00
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Mauve Queen		.25	
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Begonia Prima Donna		.25	
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Stems 30 inches	3.00
Stems 24 inches	2.50
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
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	Per 100
Killarney	$5.00 to $10.00
Richmond	4.00 to 10.00
Maid	4.00 to 10.00
Bride	4.00 to 10.00
Mrs. Field	4.00 to 10.00
My Maryland	4.00 to 10.00
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Fancy	3.00
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Violets, double	.75
" single	.75
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Tulips	3.00 to 4.00
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" " " bunch	.35 to .50
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Adiantum "	1.00 to 1.25
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Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00

	100	1000
Beacon	$3.00	$25.00
Robert Craig	3.00	25.00
Afterglow	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Harlowarden	3.00	25.00
Winsor	3.00	25.00
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ILLINOIS STATE FLORISTS' ASSOCIATION

OFFICERS ELECTED.

President—C. L. Washburn, Chicago.
Vice-president—C. Loveridge, Peoria.
Secretary—J. F. Ammann, Edwardsville.
Treasurer—F. L. Washburn, Bloomington.

Possibly the most important result of the meeting of the Illinois State Florists' Association, that thriving little body of prairie state enthusiasts, at Champaign-Urbana this week, was the adoption of resolutions calling upon the authorities of the great university with which the florists now are so closely associated, to consider the landscape art in relation to their broad campus. As "men build grandly before they come to garden finely," the higher art largely has been neglected at the University of Illinois. The deficiency long has been noted and the possibilities commented on in private, but it remained for the State Florists' Association to start the movement for better things by the adoption of resolutions offered by W. N. Rudd, after the subject had been discussed at the annual banquet. The university recently has appointed a campus commission, for the purpose of improving the appearance of its great group of monumental buildings. But the commission is composed entirely of architects; not a landscape man among them! The Illinois State Florists' Association asks that a competent landscape man be added to the commission.

The influence of the skillful landscape treatment of the 1,200 acres of campus will be of infinite value in inculcating an appreciation of and love for gardening in the 4,000 young people who are constantly in residence at the university.

Meet at Experiment Station.

The object of meeting at Champaign-Urbana was to afford the florists of the state an opportunity to inspect the model greenhouse plant which has been erected at the university and the work for floriculture that is being conducted there under the direction of H. B. Dorner. Phil Foley takes special pride in the two houses that thus far have been built, for they are up-to-date in every particular, not only the houses but the heating plant and service building. The range is commercial in character throughout, as experimental work under any other conditions would have little value to the trade. The enterprise is solely in the interest of the florists' business. At present tests of chemical fertilizers for carnation growing occupy most of the space. It is yet much too early to publish results, but the members of the association, most of whom grow carnations, took much interest in examining the test plots, for it is recognized that before many years some substitute for animal manures must be found. Apart from the floricultural experiment station there is some interesting work in sweet pea breeding in progress in one of the old university greenhouses.

Opening Session.

The business sessions of the association were held in a hall of the College of Agriculture and were opened by an address of welcome by Dr. Edmund J. James, president of the University of Illinois and an enthusiast in the work. He spoke most interestingly for twenty-five minutes, explaining the relationship of the university and other public institutions to the people of the state, sketching the growth of the university from its inception as one of the first land-grant colleges to its present enrollment of over 5,000, counting all departments. He told of the purposes of the university and the education it imparts and said that the functions of such a great center of learning are not only to teach what is known but to find out what is not known. In the latter sphere agriculture offers an almost virgin field, for there is as yet little exact knowledge. For floriculture the university will do its part, he said, but its authorities rely for advice and assistance on the State Florists' Association, speaking through its advisory board, and upon the craft at large to know when it has made good in its work.

P. J. Foley responded for the association, speaking of the appreciation the trade has of the efforts of the university officials made in behalf of this new department, of the personal courtesy of the men at the helm of affairs, and said the association will push along in the hope that some day Illinois will have the leading floricultural institution of the United States.

Reports of Officers.

Secretary J. F. Ammann read his report, in part as follows:

"Your secretary begs to report a total membership of 175, divided as follows: Life members, 18; annual members, 153; honorary members, 4. In the matter of data on our industry I am sorry to report slow progress. It seems there are still a great many florists throughout the state in a dormant condition, who need forcing. For instance, out of 400 return postals mailed, I received 125 answers, so you see the percentage of dormant stock is large. Some means should be devised by which our membership would be materially increased. Present members who are in arrears for dues should be urged to pay up and take more interest. The secretary has tried various means through correspondence to accomplish results on these lines, but so far has received little encouragement for his work."

Treasurer F. L. Washburn reported finances as follows:

Balance	$138.00
Receipts	164.00
	$302.00
Expenditures	124.00
Balance	$178.00

W. N. Rudd, secretary of the advisory board, reported on the three meetings held by that body during the year. He said that the present greenhouse range represents an investment of $18,650 and that plans are on foot for additions to glass and equipment. He reported briefly on the work being done in the testing of fertilizers and said: "The reason for taking up the study of fertilizers was that it seemed to be the one subject of greatest interest to the florists of the state at large at the present time. The reason for selecting the carnation for the beginning of the experiments was that in certain ways it was the most available and desirable plant to begin with, and that a good share of the results would be almost equally applicable to other



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florists' flowers, and with the space available only one variety could be handled in the complete and comprehensive way desired. The reason that no results have been published is that while much of interest has been learned, everything must be verified by repeated experiments, as conditions affecting any one series of tests might interfere with the accuracy of the conclusions drawn, and it was strongly put before the board and concurred in unanimously by them, that it was much better to let the florists wait for their information than to take any possible chance of giving them information which might, by subsequent test, be found wrong. In conclusion the board wishes to extend its thanks to Dean Davenport and Professor Blair for the many courtesies shown and to express its confidence in Mr. Dorner and its great satisfaction with the able way in which he has handled our work, of which he has been directly in charge."

A. M. Augustine, secretary of the State Horticultural Society, was present to invite the Florists' Association to join in a ten days' meeting and short course of instruction at the university about the middle of December. This was referred to a committee consisting of J. C. Vaughan, C. L. Washburn and W. N. Rudd.

A. T. Hey, A. G. Fehr and O. B. Heinl were named as an auditing committee.

Address of Prof. Blair.

Prof. J. C. Blair, chief of the department of horticulture of the university, read a paper on "The Value of the Experiment Station to the Florists and the Duty of the Florists to the Station." He said it is only recently that the florists' business has been thought of sufficient importance to receive attention in experiment station work. Out of the thousands of publications of the experiment stations of the United States only forty-seven relate to florists' work, but these are of real help to the trade. He estimated the present investment in floriculture in Illinois at $20,000,000 and said he could see into the future far enough to figure an investment in the state of a hundred millions. Fertilizer for the work is even now not available in sufficient quantity, he said, and he had been told one Chicago firm of growers plans to start a dairy simply to supply the deficiency. He said it is up to the florists' experiment station to find a chemical substitute for animal manure. He estimated the present glass area in Illinois as 20,000,000 square feet, or about 400 acres, and said that no industry will receive fuller value than will the florists for time and money put into the experiment station work. Some of the things wanted are improved cultural methods, improved types and improved methods of packing and shipping. He promised that the investigators will work long and faithfully and predicted that the tax money used in the task will be given back to the people a hundred or even a thousand fold.

Prof. Blair said it is the duty of the florists individually and collectively to support the work of their experiment station, work directed by them through their advisory board of five appointed by the president of the State Association. He said that the trade must make its wants known to the station authorities, and also to the state legislature, so that florists, who are heavy taxpayers, will not be forgotten when the means of prosecuting the work are apportioned. More glass is wanted. What has been done is only a beginning. Concluding, he said that if the floricultural department did not add one iota to the knowledge of florists it would nevertheless be worth while because it would instill the love for the beautiful in the 5,000 pupils who are constantly passing through the State University.

The Closing Session.

At the final session, Wednesday morning, February 16, Dr. J. W. Garner spoke on behalf of the Illinois Outdoor Art Association, which enlists the interest of all florists, C. L. Washburn read a paper on the cut flower industry of the state, which appears in full in this issue, and H. B. Dorner told conversationally of the work being done in the greenhouses under his charge. "The work for the season is with chemical fertilizers as supplementing natural manures in the growing of carnations. Fertilizers chosen for this work are those that had proven most successful in the previous season's work. The fertilizer is used on dried blood for nitrogen acid phosphate, for phosphorus and a potassium sulphate for potassium. In three sections manure sulphate replaces the dried blood and in a second set of three, ground rock replaces the acid phosphate.

"The test this year is a test of quantity used in the sections in varying proportions. Each section is marked with a single label upon which is a record of the amount of the fertilizer applied. All sections have added to them at the beginning, thirty pounds of cattle manure, which is about two-thirds of a bushel."

An amendment to the constitution was adopted so that the time and place of the annual meeting hereafter will be decided by the executive board of the association.

Resolutions were adopted putting the association on record as urging the appointment of a competent landscape architect on the campus commission and favoring national conservation of natural resources.

Officers were elected and the judges reported.

The Judges Report.

The judges were Emil Buettner, Nic Zweifel and C. W. Johnson. They scored the new carnations as follows: Hoosier Lad, 88 points; Scarlet Glow, 85; Annie May, 86; Dorner's No. 42-06, 85; Mary Tolman, 85; Greenwood, 86; President Valentine, 85; Mrs. W. W. Coles, 85; Conquest, 85; Clara Mae, 65; Optimo, 75; Sangamo, 85; Superba, 80; Witterstaetter's No. 1407-O, 80; Bright Spot, 86; Mrs. Beckwith, 81; Red Nelson Fisher, 80; Then's red No. 291, 74; Shasta, 85; White Wonder, 87; Then's white No. 41, 83; J. W. Riley, 81.

The judges made special mention of the excellence of the Killarney and White Killarney exhibited by Wendland & Keimel, mention of the very good Maryland of A. C. Brown and of the Maids of Bassett & Washburn. They also made special mention of J. A. Peterson's Begonia Gloire de Cincinnati and of the table of well grown blooming plants of F. B. Smith & Son, Danville. All the other exhibits were listed and given, collectively, a good word.

The Exhibition.

The flower show was of unexpectedly large proportions. It was not a trade exhibit, such as has been held when the association met at Springfield, but a showing of plants and cut flowers specially for the edification of the university and the 20,000 people of Champaign-Urbana, who never had seen its like. The show was in the Memorial hall, adjoining Agricultural College, and was thronged both days and especially in the evenings.

Not only was the quantity of stock large but the quality of much of it was of superior excellence. Perhaps the exhibit that attracted the most attention was that of Wendland & Keimel, Elmhurst, who staged a superb vase of Killarney and one of White Killarney that was still more wonderful when it is considered that they have only 250 plants to cut from.

J. A. Peterson, Cincinnati, had some beautiful plants of Begonia Gloire de Cincinnati that received equal attention from florists and townspeople. He also showed Phœnix Roebelenii, kentias and asparagus.

Frank B. Smith & Son, Danville, had a large table of flowering plants of special excellence. Among them were cinerarias, cyclamens, violets in pans, pansies, Primula obconica, P. Kewensis, tulips and a cherry tree, also a vase of fine single violets.

Bassett & Washburn, Chicago, had an excellent vase of Bridesmaids and another of O. P. Bassett carnation.

The Chicago Carnation Co., Joliet, was as usual one of the largest exhibitors. They showed their season's novelties in good shape: Conquest, Mary Tolman and two fine vases of Sangamo. Other sorts shown included O. P. Bassett, Alvina, Winsor, Afterglow, White Perfection, May Day, Mrs. Chas. Knopf, White Enchantress, Rose-pink Enchantress and Pink Delight.

Henry Eichholz, Waynesboro, Pa., sent Washington, the Lawson-colored sport of Enchantress, and Princess Charming, light pink.

Baur & Smith, Indianapolis, were represented by a fine vase of Shasta.

Nic Zweifel, Milwaukee, brought 100 Bright Spot that stood up above the other deep pinks.

W. W. Coles, Kokomo, Ind., sent enough of his new crimson, named Mrs. Coles, to make two handsome vases.

R. Witterstaetter, Cincinnati, sent his light pink seedling named President J. A. Valentine and his deep pink designated as No. 1407-O.

W. N. Rudd, Morgan Park, Ill., set up two handsome vases, one of Greenwood, the large light pink, and the other of mixed seedlings.

Poehlmann Bros. Co., Chicago, staged three vases of roses that were of fine quality, cut tight as for shipping. The varieties were Killarney, White Killarney and Maryland.

J. F. Ammann, Edwardsville, Ill., showed Ivory, Chatenay, Killarney, White Killarney, O. P. Bassett, Rose-pink Enchantress, White Enchantress, May Day and a vase of single violets.

Anton Then, Chicago, staged two seedling carnations that he thinks well of as commercial sorts, No. 291, red, and No. 41, white.

A. Jurgens, Chicago, sent a vase of jonquils and another of Double Von Sions that gave a touch of variety.

Joseph Heinl & Sons, Jacksonville, had a nice vase of White Enchantress.

C. Loveridge, Peoria, had a fine vase of O. P. Bassett and good ones of Winsor, Enchantress, Rose-pink Enchantress.

White Enchantress and White Perfection.

Wirth & Gaupp, Springfield, sent Rose-pink Enchantress, Enchantress and White Enchantress.

Albert T. Hey Floral Co., Maywood, staged Bride rose and Enchantress and Mrs. Lawson carnations, the latter looking as though the stock retained its full vigor.

F. Dorner & Sons Co., Lafayette, Ind., sent a vase of their enormous scarlet, Hoosier Lad, one of Scarlet Glow, White Wonder, No. 42-06, light pink; also Rose-pink Enchantress and Pink Delight.

The E. G. Hill Co., Richmond, Ind., sent vases of three of its new ones, J. W. Riley, Mrs. Beckwith and Annie May.

The W. C. Hill Floral Co., Streator, sent a nice lot of Beacon and a variegated seedling labeled Mrs. F. Plumb.

H. Johann & Son, Collinsville, showed O. P. Bassett, Rose-pink Enchantress and White Enchantress.

Henry Baer, Peoria, brought Aristocrat, Enchantress, Rose-pink Enchantress and White Enchantress.

E. W. Guy, Belleville, set up a vase of Ivory rose.

W. H. Gullett & Sons, Lincoln, showed Maid, Bride, White Killarney, Maryland and Killarney roses.

A. C. Brown, Springfield, was one of the largest exhibitors. He had the only vase of Richmond rose and it was fine. He also showed Killarney and My Maryland in good shape. His carnations were mostly new varieties. Sangamo showed up in good shape. Superba also looked well. He had a new bright pink labeled Optimo, Clara Mae, a good light pink, and another of the same color designated as No. 314. A vase of Afterglow was all right. He also had several seedlings under number, of which only a half dozen blooms of each were shown.

Mrs. A. C. Canfield, of Springfield, brought a fine lot of carnations, including large vases of Red Nelson Fisher, O. P. Bassett, Winona, Afterglow, Winsor, Beacon, White Enchantress and White Perfection.

A. Washburn & Sons, Bloomington, staged Beacon, Enchantress and White Enchantress; also some fine sweetpeas and single violets.

The American Blower Co., Detroit, had a salesman with a model of the Detroit steam trap.

I. L. Pillsbury, Galesburg, had a vase of split carnations mended with his calyx staple.

D. D. Johnson Co., Chicago, sent an exhibit of his Evergreen brand fertilizer.

The Banquet.

The Illinois State Florists' Association entertained its members and a number of guests at a banquet at Champaign Tuesday evening, February 15. Nearly 100 were present. The menu was:

MENU
Tomato Bouillon, Whipped Cream
Wafers
Queen Olives Radishes
Baked White Fish, au Gratin
Cucumbers Potatoes Brabant
Patties of Veal, Supreme
French Peas
Sorbet-Creme de Menthe
Broiled Young Chicken, Water Cress
Potato Chips Asparagus
Fruit Salad
Ice Cream Assorted Cake
Neufchatel Cheese Water Crackers
Cafe

P. J. Foley, of Chicago, served most capably as toastmaster and the talks, especially those of Dean Davenport and Prof. J. C. Blair, of the university, were full of thought and interest. The program of toasts was:

"Our Guests".....B. F. Harris
"Agriculture in Illinois".....Dean E. Davenport
"How I Got My Automobile".....J. F. Ammann
"Why I Don't Get an Automobile".C. E. Gullett
"Shall We Educate Our Future Florists?"
.....J. C. Blair
"Nature's Beauty Spots".....W. N. Rudd
"Stories I Have Heard But Never Told"...
.....Harry Balsley

Dr. Burrell, venerable vice-president of the university, was called on and made a hit with his allusions to the need of the application of "the art that doth mend nature" to the university campus. J. C. Vaughan also spoke and Mrs. J. C. Blair said that as usual woman had the last word, for she spoke for the ladies. The evening closed with the singing of "Illinois."

The Visitors.

Among those present were the following:

Aitkin, Mr., Decatur.
Ammann, J. F., Edwardsville.
Asmus, George, Chicago.
Augustine, A. M., Normal.
Baer, Henry; Peoria.
Balsley, Harry, Detroit, Mich.
Barker, M., Chicago.
Blair, J. C., Urbana.
Blixen, H., Edwardsville.
Brown, A. C., Springfield.
Bruning, F. W., St. Louis, Mo.
Buettner, Emil, Park Ridge.
Callahan, Geo., Bloomington.
Canfield, Mrs. A. C., Springfield.
Dickinson, C. M., Chicago.
Dodson, E. S., Urbana.
Dorner, H. B., Urbana.
Dresser, Mrs. D. W., Springfield.
Drury, H. F., Galesburg.
Drury, Mrs. H. F., Galesburg.
Easterday, E., Nokomis.
Evans, J. A., Richmond, Ind.
Fehr, A., Belleville.
Foley, P. J., Chicago.
Flint, Mrs. M., Chicago.
Franks, G. B., Champaign.
French, Guy, Morton Grove.
Gerhardt, H. P., Wilmette.
Gullett, C. E., Lincoln.
Guy, E. W., Belleville.
Heinl, O. B., Jacksonville.
Hey, A. T., Maywood.
Howard, H. B., Chicago.
Johann, H., Collinsville.
Johnson, C. W., Morgan Park.
Johnson, Gust., Danville.
Johnson, H., Springfield.
Juerjens, B., Peoria.
Katzwinkle, B., Mendota.
Keimel, W. J., Elmhurst.
Kidwell, Frank, Chicago.
Loveridge, C., Peoria.
McPheron, R. A., Litchfield.
Michel, E. H., St. Louis, Mo.
Miller, N. P., Chicago.
Millspaugh, G. D., Detroit, Mich.
Mullen, R., Rutherford, N. J.
Nolan, D., Springfield.
Olsem, Peter, Joliet.
Palinsky, W. L., Chicago.
Peterson, J. A., Cincinnati, O.
Peterson, Mrs. J. A., Cincinnati, O.
Peterson, Swan, Gibson City.
Pillsbury, I. L., Galesburg.
Poehlmann, Adolph, Morton Grove.
Poehlmann, August, Morton Grove.
Prodie, Theo., Chicago.
Pyfer, A. T., Joliet.
Rike, W. W., Le Roy.
Rudd, W. N., Morgan Park.
Salmons, J. S., Peoria.
Schrader, J. W., Mattoon.
Smith, H. E., Danville.
Then, Anton, Chicago.
Then, John, Chicago.
Vaughan, J. C., Chicago.
Washburn, A. E., Bloomington.
Washburn, C. L., Chicago.
Washburn, F. L., Bloomington.
Windler, G. B., St. Louis, Mo.
Woodyard, R. S., Chicago.
Young, J. E., Jacksonville.
Zweifel, N., Milwaukee, Wis.

PITTSFIELD, MASS.—Robert L. Smith and Stanley G. Barnes, of Schenectady, N. Y., have opened a flower store in the Agricultural Bank block, with an entrance on both Fenn street and Dunham street. Mr. Barnes has been with Charles Limmer, the Schenectady florist, for a number of years, and Mr. Smith has also had a wide experience in handling flowers. Mr. Barnes' sister, Miss Elsie Barnes, will assist at the store for a few weeks.

THE CUT FLOWER INDUSTRY.

[A paper by C. L. Washburn, of Chicago, read at the fourth annual convention of the Illinois State Florists' Association, at Champaign-Urbana, February 15 and 16, 1910.]

The cut flower industry of the state of Illinois has made most remarkable progress in recent years. To fully obtain an idea of this industry, we must look back some eighteen or twenty years and compare the business then with that of the present time. The business then was not considered of any importance by the other commercial lines of trade, but of late years it has been recognized as one of the standard industries of the state. The quality of flowers twenty years ago would not compare with the quality handled at the present time. The stems of the best grade of roses then were only twelve to fifteen inches long, and American Beauties had stems only thirty to thirty-six inches long. Carnations were about the size of a quarter dollar, but as the demand kept calling for a better grade of flowers, the growers kept improving the quality of their product.

Prices also averaged better as the quality improved. The flower buyers all through the country began to see that the better quality of flowers lasted longer, as well as looked better, and they would prefer paying a fair price for good flowers rather than buy the smaller stock at lower figures. These facts compelled the growers to raise improved varieties of plants and also use better facilities and better houses in which to grow their stock.

The One Continual Effort.

The evolution in the cut flower industry is one continual effort toward better flowers, and better methods of growing and shipping the stock. This is a peculiar feature of our line of trade, for in the competitive strife of business we are continually on the lookout for new ideas, new varieties of plants, new methods of construction and new everything else pertaining to our business which can in any way improve our output.

The experiment station here, at this college, should prove of immense value to the florists' trade of this state, as a large number of the new things can be tested before being offered to the trade. In fact, it would be a good idea if the trade would insist on a trial test of some of these new things before they are offered for sale, and a certificate from this station, showing the results that were obtained from such a trial, would be of immense value toward determining the quality of the goods offered for sale.

Growing the Flowers.

The growing end of the cut flower business has to keep up to date in everything regarding new varieties of plants, better methods of ventilation and the most improved fertilizers, fumigating compounds, etc.

The houses themselves must also be kept up to date. The question of what is the best greenhouse is a hard one. It is generally acknowledged that a separate house is best for Beauties and roses, while for carnations and other plants a number of connected houses seem to do as well as separate houses, and they cost less money to build and operate.

A separate house should be at least

twenty-six or twenty-eight feet wide, if not wider, and seven to eight feet to the gutters. This gives a large body of air and a more even temperature. Such a house, if built of all iron frame construction, would cost complete, including its share of the heating and other apparatus, about 50 cents per square foot of glass, while a wooden house costs from 25 to 35 cents per square foot of glass. The cost of running a greenhouse depends largely on the quantity of glass handled, but for the average place the fuel cost can be estimated at 3 to 4 cents and the labor at 8 to 10 cents per square foot of glass. The supplies and repairs cannot well be estimated, as they depend on the quality of the house, etc.

Opportunities in the Trade.

In the cut flower industry there is a continual struggle for improvement at all times, and I do not know of any industry in which a man stands a better show for success if starting in now. One must have experience, of course, in the growing of the stock, but there is at least as good a chance for individual effort in our line of trade as in any other. There never can be any monopoly or trust that would control the output or sale of the flowers, for that output is raised in a thousand different places. Every man stands on an equal footing as far as the market demand is concerned, for there is no combination to help or restrain trade for the benefit of any firm or set of firms.

The selling of the greenhouse product, whether cut flowers or plants, is just as important a branch of the business as the growing end. No matter how good the stock is or how carefully the greenhouses have been run, all will be wasted if the product is not well sold.

Selling the Flowers.

There are two methods of selling. According to one method, the growers sell their own stock, having their own grades and methods of sorting, and of course they know just when the stock was cut. A grower who sells his own stock usually caters to some special class of buyers, as the shipping trade, for instance. This trade requires flowers cut tighter in the bud and also careful sorting and packing, in order that the shipment may arrive in good condition. Flowers can be shipped a distance requiring them to remain packed in the boxes forty-eight to sixty hours. These long-distance shipments demand the utmost care, especially as to the weather conditions. During the warm and wet weather it is hard to have carnations arrive in good condition when shipped a long distance. Roses and Beauties will ship in better shape during such weather. The grower who sells his own stock should take pride in having an even run of flowers in each grade.

The other method of selling consists in shipping flowers to a commission firm, to be sold for the account of the shipper. There are a number of firms in the larger cities that make this selling on a commission a specialty. Their usual charge for such work is fifteen per cent of the gross sales. It is worth this amount to handle the stock right. The expenses of selling are almost this amount with the larger commercial growers.

A Benefit to the Community.

The cut flower trade is favorably located as far as Illinois is concerned. Our shipping facilities are unsurpassed. We supply flowers to an immense territory, going east as far as Buffalo, Pittsburg and Washington, south to the Gulf of Mexico, west to Colorado, Montana and the Dakotas and north as far as Winnipeg. This immense scope of country drains to Illinois a continual flow of money from our sales. The cut flower industry is not a jobbing trade, where the most of the money received for its goods goes off to another state in payment of them, but is what might be called a manufacturing enterprise. The grower takes a piece of ground and covers it with glass. He is what might be called an intensified farmer, as he irrigates his plants by watering them; he ventilates them; he controls the temperature in cold weather by artificial heat and sometimes grows two or three crops a year from the same bench space. This product is the result of steady labor for 365 days in the year. There is no let-up, but one thing crowds into another, so that there is always something to be done.

A greenhouse establishment is a very beneficial industry to any town. Its outlay for labor and supplies is just so much cash that is brought right there to be spent, and when the total amount of glass is considered in the state of Illinois—estimated at about 18,000,000 square feet—the magnitude of the trade can be appreciated. There is a total business in cut flowers and plants, grown in this state, of at least $5,000,000 per year. A good share of this immense sum is drawn here from other states and all of this sum is expended right here in this state. It will thus be seen that the cut flower industry is one of the most solid foundation stones on which the prosperity of the state of Illinois is built.

ORCHIDS

SEASONABLE ORCHID NOTES.

Lælia Anceps.

Lælia anceps is at its best during January and February and is one of the most useful orchids grown for the florist. Its culture is comparatively simple. Pans or baskets of osmunda fiber, with good drainage below it, through which water will percolate freely, is what it requires. A common error is to grow it too warm. I have seen it in densely shaded palm houses, making beautiful growths, but not one in ten of them would flower. A carnation house temperature, with plenty of air and only a little shade, is what this lælia wants; under such conditions practically every new bulb will bloom. Anyone with an ordinary greenhouse can grow and flower this fine Mexican orchid, as well as that other charming variety, L. autumnalis.

The objection is sometimes raised that Lælia anceps keeps poorly when cut. The stems are long and hard. If they are split from the bottom upward and a light slanting cut is made here and there below the water level, so that more water can be taken up, this trouble will largely disappear. The white forms, such as Sanderiana, Stella, Schroderiana and Dawsoni, are much better keepers than the bulk of the colored ones. The true L. anceps alba is not at all common. It is pure white, except for a little yellow in the throat. Any rebasketing or potting required by these lælias should be done soon after flowering.

Calanthes and Cattleyas.

Calanthes have been making a glorious showing for some weeks. Arranged with adiantums on a stage, nothing could be more beautiful. As they pass out of flower, remove them to a shelf where they will be free from drip and watering from the hose. It is just as well to remove them from the pots and pack them in boxes of moderately dry sand for a time. As a compost, equal parts of well decayed and dried cow manure and fibrous loam, with a dash of coarse sand through it, have been found satisfactory during the last season. We prefer, when starting the bulbs, to place them in flats of sand until growths and roots start, later placing two bulbs in a 6-inch pot and three in an 8-inch pan. If the bulbs are extra large, it is a good plan to tie them to a short stake to keep them firm. No orchids should be potted loosely, or they will never thrive. A small lean-to house, which can be kept hot and moist during the growing season, will be to the liking of calanthes.

Cattleya Mossiæ will now have its bulbs well made up. It is a free blooming species and of quite easy culture. Do not shade this, or any other cattleyas, for a while yet. Never mind if the bulbs and leaves turn more of a golden hue than you like; this will not harm them in the least and the green color soon returns after shading is started. Beautiful dark green bulbed and foliaged cattleyas are the poorest bloomers. In their native habitats all these cattleyas get a lot of sun, and keeping them in semi-dungeon like structures is not at all to their taste. C. Mossiæ is the great early summer cattleya and is one of the varieties any intelligent commercial grower can grow successfully. The fact that they are so inexpensive would seem to be one reason why more florists should try a few of them.

Coelogyne Cristata.

Cœlogyne cristata is one of the most generally useful florists' orchids, flowering in February and March. It enjoys a moderately cool house at all times and a winter minimum of 50 to 54 degrees is sufficiently high. It does not pay to force it. The flowers seem to hang fire and open just as quickly and of much finer quality in a cold house. The plants should be kept moderately dry while in flower. There is sufficient energy stored up in the bulbs to keep the flowers fresh. For design work C. cristata is invaluable. Of the several forms grown, the old type with round bulbs is the least worth growing. The variety Chatsworthi, with longer, oval-shaped bulbs, is fine. The pure white variety, alba, flowers later. Maxima has large flowers, a sort of improved Chatsworthi. There is also a pretty form named Lemoniana, with a pale lemon lip. Many consider this the gem of the family. When well established, cœlogynes enjoy an abundant water supply in the growing season and, next to calanthes and phaius, will take as much liquid manure as any orchid.

Phaius grandifolius now has its strong spikes well developed, and occasional weak doses of cow manure water will strengthen them and improve the quality of the flowers. Although an old orchid, this is quite a decorative one. We find fibrous loam, with a little cow manure, sphagnum and pieces of sandstone, grows this orchid to perfection. A winter temperature of 60 degrees answers well for it, although it can be successfully grown 10 degrees cooler.

Dendrobiums.

Dendrobium nobile is now coming into flower. While an old orchid, it is still hard to beat when well flowered. When it comes to a choice between a well bloomed specimen cattleya and a specimen of this dendrobe, carrying 500 to 1,000 flowers, the weight of popular opinion will invariably be with the latter. Where many growers fail with dendrobes of the nobile section is in affording too much moisture after the nodes appear, causing these to form bulbs in lieu of flowers. Light syringings overhead will suffice for moisture until it can be told with certainty that flower buds are really formed. With D. Wardianum, D. Phalænopsis, D. formosum and other varieties, a little extra moisture in no way affects the flowering.

These dendrobes will last a long time if hung in a shaded and slightly cooler house while in bloom. They are inexpensive, and when purchasing newly imported stock there is a likelihood of sesuring a wide range of types from a small number of plants. Newly imported plants look a little shabby on arrival, but there is always a probability of a fine white cattleya or heavily spotted Odontoglossum crispum, any one of which will recoup the grower for his entire purchase, and in addition the pleasant anticipations as the flowering season approaches must be experienced to be rightly understood. ORCHIDIST.

BURKI ON ORCHIDS.

Immense quantities of orchid flowers are sold in Pittsburg, and all are shipped in from distant cities. But Fred Burki, of the Pittsburg Cut Flower Co., is taking the bull by the horns. "If those eastern men can grow orchids and ship them here and make money out of them, why can't we at home have a finger in the pie?" That is the way he puts it and this is why he has an end of a large greenhouse filled with recently imported Cattleya Trianæ. "Oh, yes. We'll have to get a lot more; we'll have to get enough to keep a man busy with them all tne time. You see it isn't every man who understands orchids, and the man to grow them had better have nothing else to do. The orchid fly has given us some trouble; the gouty young growths indicate their presence. Now, a man who doesn't know orchids is apt to mistake the work of these flies as promises of extra strong shoots. Yes, we must get an orchid man."

WM. FALCONER.



Laelio-Cattleya Digbyano-Mossiae.

A FINE LAELIO-CATTLEYA.

Lælio-Cattleya Digbyano-Mossiæ was originally raised by John Seden, the noted hybridist for James Veitch & Sons, London, and was the result of a cross between Lælia Digbyana and Cattleya Mossiæ. From seed sown in 1882, the first of the two plants raised bloomed in 1889 and received a first-class certificate from the Royal Horticultural Society. One of the two plants passed into the collection of the late F. L. Ames, at North Easton, Mass., and a number of plants taken from the original are now in that collection.

Flowering, as it does, in December, January and February, this lælio-cattleya is particularly useful. The large, beautifully fringed flowers are usually carried two and three on a sheath, but require some support, as they do not hold up their heads like the cattleyas. The flowers, however, will keep fresh even longer than any of the cattleyas. They grow well in pots of osmunda fiber at the warmest end of the cattleya house and, like some other hybrids, will make two growths and give two crops of flowers a year in some seasons.

This was the first of the crosses in which Lælia Digbyana was one of the parents. Quite a number of other crosses have since been made, all of which are showy. The leading European commercial growers who make a specialty of hybridizing offer many of these crosses in an unflowered state. C.

FARMER CITY, ILL.—John McDonald, of the Farmer City Greenhouse, has had a better trade this winter than ever before and sees indications of a most satisfactory business in the coming spring.

SOUTH WEYMOUTH, MASS.—J. Streiferd & Son have an unusually fine lot of genistas in excellent shape for Easter. This firm grows genistas largely and their produce is now so well known that it sells quickly.

Carnations

CARNATION CULTURE.

[A paper by S. J. Goddard, of Framingham, Mass., read at a meeting of the Gardeners' and Florists' Club of Boston, February 15, 1910.]

To be successful in growing carnations, the minutest details must be carefully considered.

To start with, the propagating bench must be absolutely clean; no old, rotton bottom or side boards should be allowed to remain when starting to propagate in the early winter. My method is to build a bench of 1-inch pecky cypress. We lay the boards close together, using sides three and one-half inches deep.

Ready for the Cuttings.

Before filling with sand, whitewash the bench thoroughly, using hot lime with a small proportion of Portland cement, of the consistency of very soft mortar, so that it has to be rubbed well with a brush in order to fill every crack.

In picking off cuttings, great care should be exercised to make the selections from only the healthy plants, and do not take them unless they have fully matured. By being matured I mean that they are on stems on which the bud is showing color or is fairly well developed. In setting them in the sand be careful not to set them too deep; about three-quarters of an inch is deep enough. Make them as firm as possible and water each row as soon as pressed in. This method gives one a better chance to see that the sand is thoroughly soaked and leveled, so that there are no dry spaces around the bases of the cuttings. Water should be given every day for ten days. The sand will then keep wet enough to carry the cuttings for the balance of their sojourn in the propagating house.

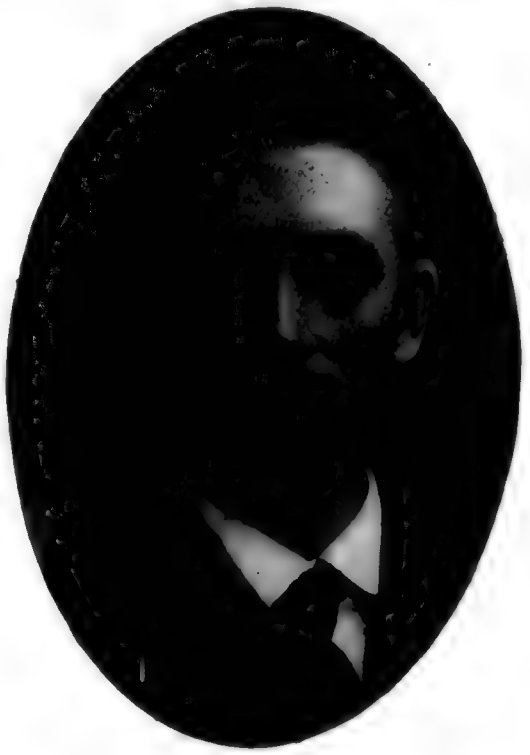
Flats Versus Pots.

The next proceeding is to shift the rooted cuttings from the sand to flats or pots. We prefer flats, as they are easier to handle, take up less room and are much easier to care for later in the season, with regard to watering. My experience has been, when lifting field-grown plants, that stock planted from pots will retain the shape of the pots and the loose roots around the outside will break off to a great extent. This is not the case with stock planted from flats. We use flats twelve inches wide, twenty-four inches long and three inches deep. These will hold sixty plants, placed in ten rows, with six in each row. That is for the earliest boxed stock. Later in the season, or with any boxed after March 1, we put in eleven rows, with seven in a row, or seventy-seven plants in each flat. We prepare our boxes by making the soil moderately firm and of the right degree of moisture to work well, using one part well rotted cow manure and four parts fresh loam. We always immerse the roots of our cuttings in a pail of water when lifting, to remove the sand, finding that by this procedure fewer roots are broken in course of handling.

Always give a good soaking after transplanting. Put the young transplanted stock in a house that is kept at a night temperature of not over 52 degrees or less than 48 degrees, shielding them from the bright sunshine for three or four days and keeping them from drafts as much as possible.

Topping the Young Plants.

Do not top or pinch back until the cutting has grown enough to show the



S. J. Goddard.

joints. I notice that when a top is pulled from one not developed, one does not get the heart out clean and the process has to be repeated some time later. Consequently the cutting that was jointed has commenced to branch and the other is two weeks behind.

Repeat this operation every week, taking tops from the ones most advanced. Never try to save the tops to increase your stock, even if it is a new variety and cost you $12 a hundred. The temptation is great, but the profits will be less the next winter. Also this may cause you to say the variety is "N. G." and heap abuse on the disseminator.

Keep the young plants growing continuously; never fail in your attention. Water, top and feed. Do not hurry to put them in a coldframe until the weather is warm enough to have the sash off in the daytime. I prefer a coldframe to a hotbed.

Now for the spring rush to plant outside; we are all anxious to get the carnations in the field. Here, in Massachusetts, we commence about April 25 or May 1, if the weather is favorable. Of course, the land must be dry enough and properly plowed and smoothed.

Planting Outside.

Our system is as follows: Set the line across the piece to be planted. Take a Plant, Jr., wheel hoe, with the small plow attachment, and make a small furrow right across. This is just as good as chopping with a spade and ten times as rapid. Have a boy drop the plants (which have previously been cut out), six inches apart. After planting, rake or smooth off a couple of feet next to the row and repeat the operation, setting the line this time fifteen inches from the starting point. This will give ample room to run a wheel hoe through for weeding and cultivating.

Never let the weeds get ahead of you. Keep the wheel hoe going once a week and hand-weed every two weeks. We never use a hand hoe, as too many plants are injured by carelessness on the part of the operator. I find we can do the work faster and much better by getting down on our knees and weeding, leaving the weeds on the right-hand side of the row. This accumulates all weeds in every other row, where they can be more readily taken off with a fork, if the weather is unfavorable for killing them.

Topping in the Field.

The most important work to be considered at this stage is the topping or pinching back. Here is where your foundation is laid for next winter's succession of blooms. Never pinch back every shoot at one time. Go over the plants at least once a week and remove the longest shoots, pinching them back hard to secure good, strong growths. We never use a knife.

I believe that one can regulate the crop right through the winter by this style of topping, at least until spring, when carnations will crop anyway.

We commence planting inside early in July and plan to finish during the first week in August.

Removing to the House.

Do not have too many plants dug at a time, so that the roots dry up and the plants wilt. Get them in place as soon as possible and put a support around them at once. We plant a small section and then put a support around them before watering. This holds the plant for all time and, when watering or syringing through the summer, holds them upright and in place.

We find that later in the season we have gained considerably by staking at planting time. The plants are upright; new growth will be straight, and, if the second support is not put on as soon as we would wish, the plants are not lopping all over the bench.

Do not shade the glass unless to keep the sun from taking all the moisture out of your own and the help's carcass. A little mud will do this trick, but a much better and cleaner shading is whiting and water put on by a force pump. This will come off by its exposure to the wind or rain and does no harm to the paint or putty.

The Endless Round of Details.

I do not believe in shading the newly planted stock. Keep plenty of moisture around the plants and under the benches for the first week, and your plants will take hold better than if you shaded. Their growth will be firmer and they will not have that wilted appearance when the light strikes them.

Now comes the time when the best of one's knowledge and intelligence must be brought out. Don't water too much! Don't allow the soil to get too dry! Don't allow the house to get stuffy! Don't allow the strong wind to strike the plants! So many "Don'ts," but there are just as many "Do's," possibly more. Go over every bench, all around every bench; dig in the soil carefully; study the condition of it and the condition of the plants. Water where needed and no more; do this twice a day on bright days, in hot weather. Lots of bother, but one will have been well repaid for bothering before the holidays have passed. There is no such word as failure, if these little "Don'ts" and "Do's" are carried out carefully. They are the minutest details I started with in my paper, and on them is laid the foundation for your future profits.

CARNATIONS, PAST AND PRESENT

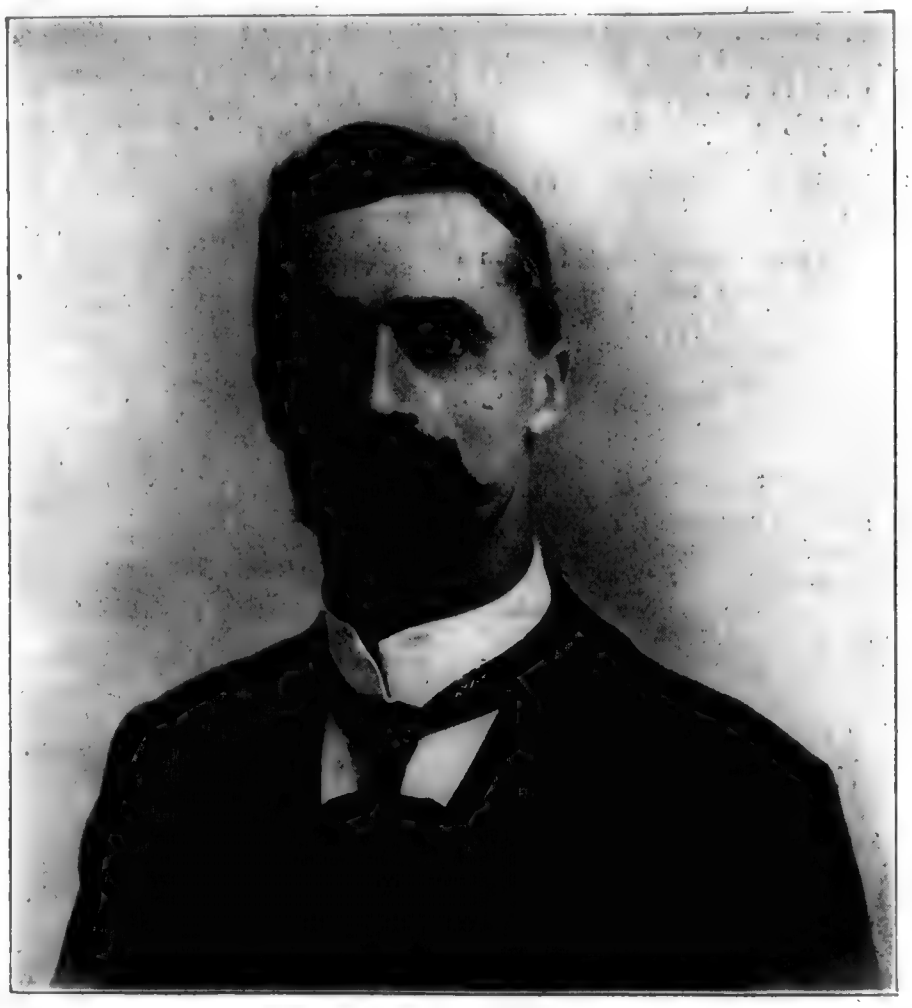
[A paper by W. H. Taplin, of Brooklyn, N. Y., read at a meeting of the New York Florists' Club, February 14, 1910.]

So much has been said and written on the subject of carnations and carnation culture during the last few years, and has also been expressed so well, that it seems scarcely possible that I may present anything new on this subject for the consideration of such an up-to-date organization as the New York Florists' Club. The literature of the carnation has become extensive, and there are doubtless many repetitions to be already found in it, so possibly a few more will be pardoned at this time.

The Oversupply of Inferior Blooms.

That the output of carnations is steadily increasing will, I think, be readily admitted by anyone familiar with the wholesale trade of our city, and that there is no better market for high grade flowers will also be conceded by the majority, but it is also unquestionably true that there are still many carnations sent into market that are far from ideal, either in size or condition, and the oversupply of such flowers breaks the market to such a degree that good stock is frequently sacrificed. It has been said that New York is the dumping ground for the growers of flowers in all the surrounding country at any time when the home markets of these growers become overloaded, and there may be some truth in that assertion, but at the same time one cannot blame the growers for hunting for a market, and the commission men would probably not refuse to accept the trifling percentages that come their way from this outside business.

Still, the New York market is critical in regard to carnations, as well as other stock, and it is more profitable to the grower to supply the varieties and the grade that the market calls for, rather than to produce simply an ordinary run of stock.



W. H. Taplin.

Thirty-five Years Ago.

To look back some thirty-five years and recall the varieties of that time, and then to glance at the carnations of today, gives room for thoughtful comparison.

Astoria, Edwardsii, Peerless, Degraw, La Purite—these were among the stock from which in later years an improved race sprang. In fact, it would seem that Astoria was the original parent of most of the yellow varieties that have since been grown. But the onward movement from Degraw and Peerless, down through the multitude of whites that have followed them, until we reach White Enchantress and White Perfection, shows many strides of improvement, and what the next ten years may bring forth we can only guess. Possibly that traditional 4-inch flower, on a free growing and free blooming plant, may be among the good things the hybridizers will surprise us with.

Progress in Pinks and Reds.

Then there have been the successive steps from Daybreak and Grace Wilder, through the various shades of pink, until Peter Fisher brought forth Enchantress, the most popular light pink of today, and in all probability the most widely grown variety in the carnation world.

And from Portia onward through the various shades of red, there have been many changes. A red of the size of Portia, free-blooming though that variety was, wouldn't stand much chance in the market in comparison with Victory and Beacon. And, according to the returns from Pittsburg, even these latter fine sorts are not in the same class, in regard to size, with Hoosier Lad, Dorner's latest triumph.

Victory, Its Strong and Weak Points.

But the majority of scarlet varieties have an unfortunate habit of being favorite hosts to the rust fungus, and Victory is no exception to the rule; in fact, it is decidedly the exception to find a bench of this variety that is free from rust. Of course, we all know that rust is not such a handicap to the grower as stem-rot or spot, but at the same time it does not help the appearance of a carnation house; neither does it improve the stamina of a variety infected by it. In addition to this, Victory does not branch very freely in the field and as a natural result the plants are likely to be small at the time of lifting. Yet, in spite of all these drawbacks, it is a fine flower and a good keeper, and as such sells readily.

A Noteworthy Trio.

The later red, and I had almost said the favorite red of the present day, is Beacon, also a product of that clever hybridizer, Peter Fisher. It is a great record for one grower to have produced



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Now for the spring rush to plant outside; we are all anxious to get the carnations in the field. Here, in Massachusetts, we commence about April 25 or May 1, if the weather is favorable. Of course, the land must be dry enough and properly plowed and smoothed.

Planting Outside.

Our system is as follows: Set the line across the piece to be planted. Take a Plant, Jr., wheel hoe, with the small plow attachment, and make a small furrow right across. This is just as good as chopping with a spade and ten times as rapid. Have a boy drop the plants (which have previously been cut out), six inches apart. After planting, rake or smooth off a couple of feet next to the row and repeat the operation, setting the line this time fifteen inches from the starting point. This will give ample room to run a wheel hoe through for weeding and cultivating.

Never let the weeds get ahead of you. Keep the wheel hoe going once a week and hand-weed every two weeks. We never use a hand hoe, as too many plants are injured by carelessness on the part of the operator. I find we can do the work faster and much better by getting down on our knees and weeding, leaving the weeds on the right-hand side of the row. This accumulates all weeds in every other row, where they can be more readily taken off with a fork, if the weather is unfavorable for killing them.

Topping in the Field.

The most important work to be considered at this stage is the topping or pinching back. Here is where your foundation is laid for next winter's succession of blooms. Never pinch back every shoot at one time. Go over the plants at least once a week and remove the longest shoots, pinching them back hard to secure good, strong growths. We never use a knife.

I believe that one can regulate the crop right through the winter by this style of topping, at least until spring, when carnations will crop anyway.

We commence planting inside early in July and plan to finish during the first week in August.

Removing to the House.

Do not have too many plants dug at a me, so that the roots dry up and the ants wilt. Get them in place as soon possible and put a support around em at once. We plant a small section d then put a support around them fore watering. This holds the plant r all time and, when watering or ringing through the summer, holds em upright and in place.

We find that later in the season we ve gained considerably by staking at lanting time. The plants are upright; w growth will be straight, and, if the cond support is not put on as soon as e would wish, the plants are not lopping ll over the bench.

Do not shade the glass unless to keep he sun from taking all the moisture out f your own and the help's carcass. A ttle mud will do this trick, but a much etter and cleaner shading is whiting and vater put on by a force pump. This will ome off by its exposure to the wind or ain and does no harm to the paint or putty.

The Endless Round of Details.

I do not believe in shading the newly planted stock. Keep plenty of moisture around the plants and under the benches for the first week, and your plants will take hold better than if you shaded. Their growth will be firmer and they will not have that wilted appearance when the light strikes them.

Now comes the time when the best of one's knowledge and intelligence must be brought out. Don't water too much! Don't allow the soil to get too dry! Don't allow the house to get stuffy! Don't allow the strong wind to strike the plants! So many "Don'ts," but there are just as many "Do's," possibly more. Go over every bench, all around every bench; dig in the soil carefully; study the condition of it and the condition of the plants. Water where needed and no more; do this twice a day on bright days, in hot weather. Lots of bother, but one will have been well repaid for bothering before the holidays have passed. There is no such word as failure, if these little "Don'ts" and "Do's" are carried out carefully. They are the minutest details I started with in my paper, and on them is laid the foundation for your future profits.

CARNATIONS, PAST AND PRESENT

[A paper by W. H. Taplin, of Brooklyn, N. Y., read at a meeting of the New York Florists' Club, February 14, 1910.]

So much has been said and written on the subject of carnations and carnation culture during the last few years, and has also been expressed so well, that it seems scarcely possible that I may present anything new on this subject for the consideration of such an up-to-date organization as the New York Florists' Club. The literature of the carnation has become extensive, and there are doubtless many repetitions to be already found in it, so possibly a few more will be pardoned at this time.

The Oversupply of Inferior Blooms.

That the output of carnations is steadily increasing will, I think, be readily admitted by anyone familiar with the wholesale trade of our city, and that there is no better market for high grade flowers will also be conceded by the majority, but it is also unquestionably true that there are still



W. H. Taplin.

many carnations sent into market that are far from ideal, either in size or condition, and the oversupply of such flowers breaks the market to such a degree that good stock is frequently sacrificed. It has been said that New York is the dumping ground for the growers of flowers in all the surrounding country at any time when the home markets of these growers become overloaded, and there may be some truth in that assertion, but at the same time one cannot blame the growers for hunting for a market, and the commission men would probably not refuse to accept the trifling percentages that come their way from this outside business.

Still, the New York market is critical in regard to carnations, as well as other stock, and it is more profitable to the grower to supply the varieties and the grade that the market calls for, rather than to produce simply an ordinary run of stock.

Thirty-five Years Ago.

To look back some thirty-five years and recall the varieties of that time, and then to glance at the carnations of today, gives room for thoughtful comparison.

Astoria, Edwardsii, Peerless, Degraw, La Purite—these were among the stock from which in later years an improved race sprang. In fact, it would seem that Astoria was the original parent of most of the yellow varieties that have since been grown. But the onward movement from Degraw and Peerless, down through the multitude of whites that have followed them, until we reach White Enchantress and White Perfection, shows many strides of improvement, and what the next ten years may bring forth we can only guess. Possibly that traditional 4-inch flower, on a free growing and free blooming plant, may be among the good things the hybridizers will surprise us with.

Progress in Pinks and Reds.

Then there have been the successive steps from Daybreak and Grace Wilder, through the various shades of pink, until Peter Fisher brought forth Enchantress, the most popular light pink of today, and in all probability the most widely grown variety in the carnation world.

And from Portia onward through the various shades of red, there have been many changes. A red of the size of Portia, free blooming though that variety was, wouldn't stand much chance in the market in comparison with Victory and Beacon. And, according to the returns from Pittsburg, even these latter fine sorts are not in the same class, in regard to size, with Hoosier Lad, Dorner's latest triumph.

Victory, Its Strong and Weak Points.

But the majority of scarlet varieties have an unfortunate habit of being favorite hosts to the rust fungus, and Victory is no exception to the rule; in fact, it is decidedly the exception to find a bench of this variety that is free from rust. Of course, we all know that rust is not such a handicap to the grower as stem rot or spot, but at the same time it does not help the appearance of a carnation house; neither does it improve the stamina of a variety infected by it. In addition to this, Victory does not branch very freely in the field and as a natural result the plants are likely to be small at the time of lifting. Yet, in spite of all these drawbacks, it is a fine flower and a good keeper, and as such sells readily.

A Noteworthy Trio.

The later red, and I had almost said the favorite red of the present day, is Beacon, also a product of that clever hybridizer, Peter Fisher. It is a great record for one grower to have produced

such a noteworthy trio of varieties as Mrs. Lawson, Enchantress and Beacon, all of which originated with Mr. Fisher. While the west is undoubtedly coming forward at a good, round pace in the production of new carnations, yet there may be many that "also ran," before such another team as that we have noted is brought forth.

The evidence seems to be that Beacon is the most productive red in the market, and although it is not extra large, and with many growers is given to splitting badly during midwinter, yet it is a good Christmas color. In short, with all its faults, we love it still.

The Lawson Family.

We have already mentioned Mrs. Lawson, which for several years was the leader in the dark pink class and even yet is grown to some extent, having displaced a number of other varieties in various shades of pink. But Mrs. Lawson does not appeal to our market very strongly now, her place in turn having been taken by some later arrivals.

Mrs. Lawson has, however, left a numerous family. Among them are Welcome, Winsor and Variegated Lawson, which are still grown to a greater or less extent, and White Lawson may also be occasionally found, though these varieties are usually under the standard for length of stem.

Counting from La Purite, which I believe was introduced from Europe in this country by Dailledouze, Zeller & Co., and was the first pink carnation with which I had an acquaintance, there have been hosts of pink varieties launched on the sea of trade and many of them have been wrecked on the rocks of criticism.

But it is much easier to be a knocker than to produce the goods, and I think we should all give honor to the pioneers in the carnation trade, who offered to the world for a proper consideration, in due course, such pinks as Grace Wilder, Wm. Scott, Albertini, and others.

The varieties we have noted were not perfect, but neither have those of the present day reached that lofty standard. Even now there is room for a good dark pink, and there are more than whispers that such is on the way.

Crimson and Variegated.

Crimson is not a color that is demanded in thousand lots in most markets, the most likely exception to this statement being found in the neighborhood of Harvard, but crimson carnations have been grown for a good many years when we count from Crimson King, and even now the crimsons that are offered do not approach the size and vigor we find among the white and pink varieties. This fact makes us think that there is still room for improvement among the crimsons, and possibly it may be found among the number of crimson seedlings that are being tried out. In some parts of the country Harry Fenn is still producing some good flowers, but in our neighborhood this variety has lost its grip.

Patten and Variegated Lawson are probably the most popular of the variegated varieties, but neither of them can safely be counted upon to pay the rent. The first named is especially slow in blooming in the fall and early winter, though it produces abundantly in spring.

Bay State secured the gold medal last season, but, from the accounts of several growers, it does not seem to produce much gold in the regular order of business.

Fancy and Dark Pink Sorts.

Among the fancy varieties of past years, Prosperity was the greatest success, and in its time brought the highest price of any, but now one would have to hunt for some time to get 100 flowers of Prosperity, for few growers handle it. Toreador is a later variety of similar type to the last named, and though variable in color it is an attractive flower, on an unusually stiff stem.

In dark pink and cerise there have been many novelties of late years, among them being Aristocrat, Afterglow, Rose-pink Enchantress and Dorothy Gordon, each of which has had or still has its champions, and each of which is beautiful in its own way. The first three, however, have all developed some disadvantages, and regarding the latter variety most of us will know more in a year from now.

Mrs. Ward and Alma Ward are both beautiful varieties. They have commanded good prices during the last two or three seasons, and, being on the market now, may be tested by the trade in general.

Room for a Good Yellow.

There still is room for a good yellow variety. Strive as they may, yet the hybridizers do not seem to attain their ideal in this line, for yellow carnations, generally speaking, are either lacking in constitution or else they are not free in blooming or are under-sized, with the result that no yellow variety is now grown to even the extent that Eldorado was a few years ago.

And now, to sum up briefly, it may be said that in the opinion of an ordinary observer, and one that by no means claims to know it all, there is much that is encouraging in the progress that has been made in carnation varieties and culture during the last few years. Wonderful things have been done by Dorner, Fisher, Ward, Weber and other men of prominence in this department of our profession, and I fully believe that there will be quite as great achievements to chronicle in the next ten years as have been witnessed in the last decade, for with increased knowledge and experience more systematic work will be possible in the future than has been accomplished in the past.

SEASONABLE SUGGESTIONS

Herbaceous Calceolarias.

Herbaceous calceolarias should now be in their flowering pots and will be starting to push their flower spikes in some instances. We like to pinch these prematurely early ones. It causes the plants to break freely and make much nicer flower heads. Short of actual freezing, the plants can hardly be grown too cool; 40 degrees at night is far better than 50 degrees, and in the lower temperature the green aphis is far less troublesome. While a little winter sun will not harm the plants, we prefer to grow them with a light shade even at this season. On clear mornings we give a light spraying over. Those of the rugosa section are useful at Memorial day. These should now have their last pinching and can go in their flowering pots. A good plan is to set them out in a bench containing four to five inches of soil, in a violet temperature. Grown thus, they thrive amazingly and give a grand crop of fine golden heads of flowers, which are always welcome at Memorial day.

Marguerites.

Quite a number of growers have considerable trouble with the leaf-miner each year, which disfigures the foliage on marguerites. Spraying with Nicofume juice is the best of the remedies we have tried. If persisted in, the worms all appear to be killed, even though they are within the inner tissue of the leaves. Plants for Easter should be in their flowering pots before this time. They are now, with us, growing rapidly and take abundant water supplies. We do not plan to flower all our plants for Easter, but select some of the largest and most forward, giving these slightly elevated positions, clear of the surrounding plants, in order to make them shapely and at the same time get better light. The demand for marguerites is even better in April, May and June than at Easter, especially for cut flowers, and all the later plants should be reserved for these months. Plants in boxes or shallow benches will give a grand crop of long-stemmed flowers in May and June. The present is a suitable time to take some cuttings from both the white and yellow varieties to carry over summer and flower for next Christmas.

Smilax.

When a crop of smilax has been cut off clean, give the bed a rest for a week or two, keeping it on the dry side. Give a mulch of cow manure before starting it up again. Be sure to get strings in place before the new crop gets entangled. Smilax will grow in a comparatively low temperature, but 55 to 60 degrees at night is what we like to give it. If you have forgotten to sow a batch of seeds, it is not yet too late to do so. The seeds germinate quickly and should be potted off into 2-inch pots, as soon as large enough to handle.

Gladioli.

From the middle to the end of February is a good time to plant a batch of the large-bulbed gladioli for Memorial day. There are probably patches of unoccupied bench space which may be utilized for them. America, May, Augusta, Snow White, Benchleyensis and, in fact, almost any other variety of moderate cost may be planted. As a rule, the high colors sell best at Memorial day.

A batch of Colvillei The Bride in a car-

nation house is just commencing to show its flower spikes. A few flats of this variety, and also of Blushing Bride and some of the nanus section, will be placed in heat—50 degrees at night—once a week for the next three months. Do not try any hard forcing tactics, or you will only ruin your bulbs.

Dutch Bulbous Stock.

Answering several inquiries, we would say, do not house your hyacinths, tulips and narcissi wanted for Easter before March 1. Much then depends on the weather, but if started at 60 degrees at night there will be no trouble about flowering any of the bulbs at the time they are wanted. A lower temperature as the flowers commence to expand is desirable, and of course any of the bulbs named can be held for a few days when expanded in a cool cellar, or even a north lean-to greenhouse. To have your plants stocky you can bring them along in coldframes, if desired, and flower them in season. Of course, a little bottom heat to take the chill away from the frame, and a covering at nights, are necessary with frames. It is also advisable to bottle up some sun heat every clear day.

LILIES FOR MEMORIAL DAY.

I have a lot of Lilium giganteum in the cellar in 6-inch pots. The growths are from one to two inches above the soil and they have made roots two or three times around at the bottom of the pots. I wish to have them in bloom for Memorial day, May 30. Would you kindly let me know when I shall treat them to have them in flower for that date? E. H. O.

Keep the lilies in a cold house, about 40 degrees at night. Keep them somewhat on the dry side until the pots are well filled with roots. They are just a little early for Memorial day and must be held quite cool. You want to be able to see the flower buds distinctly a full month before they are to be in bloom. You will be able to judge early in April whether the plants are sufficiently early or not. Give them more heat if they are at all backward, but growth is much more rapid in May than in March and you can allow ten days less from bud to open flower than when growing for Easter trade. C. W.

THICKNESS OF CONCRETE WALL.

How thick should a concrete wall be built for the north side of a greenhouse which measures seven feet to the eaves, and is it practicable to fill the center of the wall with rock? How much lower is it possible to make the west end of a house, seventy-five feet long, than the east end, and still have a first-class job when completed? W. H. H.

To make such a wall substantial, it will be necessary to make it at least nine inches thick. By using rock in the center and filling the vacancies with cement to bind it, the wall will be made even stronger.

It is not good policy to have the west end of a house much lower than the east end, for many reasons. Houses built on this principle, if the difference is great and if the houses are wide, require more supports and trussing to keep them stable. They are also more liable to be affected with drip. RIBES.



FEEBLE GROWTH OF PERLES.

We are sending you part of a rose stem and leaves, and should be glad if you would kindly say what the trouble is, and what is the best way to eradicate it. It started among the Perles, and during a spell of dull weather it spread rapidly, causing the leaves to drop and in many cases killing the plant completely. The Brides, which are next to the Perles, show no trace of it. Until recently the Perles, which were benched late, had made rather a soft growth, but appeared strong and healthy. C. K. N.

The branch and leaves reached me in extremely poor condition, so much shriveled that I could learn but little by an examination, and as the letter contains no data as to the treatment given, with reference to feeding, temperature, ventilation, etc., it is hard even to make a guess at the trouble.

Recently another case was submitted to me which was described as having behaved in the same manner, and I found that the stock acted splendidly till near the holiday season. Then, because the crop was a little late, the temperature was raised, less ventilation was given and more water was used. The result was the same as described in C. K. N.'s inquiry. In this case I advised reducing the temperature to 50 degrees at night and 52 degrees in the daytime, withholding water and giving the surface a light mulch. The stock has now begun to break and made nice, healthy wood. As soon as the eyes break, the temperature can be raised to normal and watering resumed.

During the period of partial rest the ventilators must be open on all favorable occasions and the syringe must be used at least once a day, and oftener during bright weather. RIBES.

SOLID BEDS OR RAISED BENCHES.

We are proposing to enlarge our glass area next year for rose growing and we are in considerable doubt as to the best bench construction. At present we are growing our roses in solid benches, with concrete sides and plenty of good drainage. We should like to know if there is much advantage in raised benches, made of wood, over solid benches. In short, we should like to get good, expert advice as to the best and most up-to-date bench construction for roses.

T. A. I. & S.

There is still a difference of opinion among growers as to which is the best style of bench. Some use the solid beds, with excellent results, while others use raised benches, with equally good results. The general tendency, however, is to eliminate the wooden bench, mostly using concrete as a substitute, since it is more durable and less liable to harbor insects and fungi.

That some varieties of roses do better on raised benches there is little doubt. Varieties which have a tendency to go to rest early in the winter are easier to handle on the raised bench than on the solid, as the roots are confined within a limited area and cannot travel to uncongenial soils and temperatures.

During a recent trip through part of New Jersey I saw some raised benches made of cement, which seem to meet the requirements of a perfect bench. The legs and cross supports were of one piece of concrete, reinforced with strong wire running lengthwise. The bottoms were also of cement, with wires running through it the whole length of the bench and with half an inch of space for drainage between the slabs, which were apparently about two inches thick by six inches in width. The sides were also of cement, with reinforcing wires, and were one and one-half inches thick. These benches were erected by using molds, which could easily be removed when the concrete had set. I was surprised at the lightness of the material, but, having seen the benches since they were planted and subjected to the winter's work, I am convinced that they come near being the ideal bench. RIBES.

GRAFTED OR OWN-ROOT.

What are the advantages in having Bride, Maid, Richmond and Killarney roses grafted instead of on their own roots? C. K. N.

Grafting these varieties is practiced with the purpose of giving better root action. Some varieties are naturally weak on their own roots. Others, which have strong roots of their own, do not possess a sufficiency of fine, fibrous feeding roots to enable them to take up the supply of food necessary to the plant under greenhouse conditions.

Some varieties, such as My Maryland, do better in some soils on their own roots than when grafted. RIBES.

WILD ROSES FOR BUDDING

I should like to know what is the difference, if any, between ordinary wild roses and Manetti stock, and why the wild ones would not be as satisfactory for budding purposes as Manetti. I do not know much about Manetti, as we generally grow own-root roses, but there

are millions of wild roses in close proximity to our place and one can hardly kill them with an ax; so I propose to experiment with some this summer. The worst feature I see, is the thorns, which vary in numbers from a few to thick clusters, but could easily be rubbed off with a heavy leather glove. H. C. S.

That many of our wild roses can be and are used as stocks for budding and grafting is certain, but with what amount of success I am unable to say. The wild rose of Britain, Rosa canina, is used almost exclusively for outside work there, especially for standard and half standard grades. The reason why Manetti is preferred is because it possesses so fine a mass of fibrous roots, which gather and supply more food to the plant than do the less fibrous roots possessed by most varieties. Some varieties of wild stock have also the undesirable habit of taking a long rest in winter, making them unfit for using for greenhouse purposes.

Experimenting with different stocks which are native to your section, and comparing results with those on Manetti, will certainly give you desired information. Ribes.

WHITE FLY ON PRIMULAS.

I am sending you a primula leaf with white fly and eggs. They seem to breed by the thousands. Smoking with tobacco stems seems to have no effect on them. They just ruin the plants. What is the simplest and best method of fighting them? L. A. D.

Spraying with soap and water helps to keep white fly in check. Fumigation with tobacco stems has no effect on them whatever; in fact, they seem to revel in a smoky atmosphere. One form of fumigation only will clean them out and that is hydrocyanic acid gas. This must be very carefully used, as it is a deadly gas, but hundreds of successful florists now rely on it exclusively. Always use it in the evening, and the lower the temperature the better. There is little liability of injuring the plants at this season of the year; in hot weather the foliage is more liable to be hurt.

For a house 20x100 we use two jars, each containing two ounces of sulphuric acid and six ounces of water, dropping one ounce of cyanide of potassium in each. We find two doses, given two or three nights apart, will exterminate the fly and an all-night exposure will not hurt the most tender plants in the least. We have found from repeated trials that the above quantities suffice if a calm evening is chosen for the work. C. W.

HYACINTHS AND NARCISSI.

How soon ought we to bring our hyacinth and narcissus bulbs to the heat to produce blooms for Easter? The average night temperature is about 50 degrees. W. C. F. C.

Easter Sunday comes March 27. House your hyacinths March 1, and your narcissi, if of the Trumpet family, four or five days later—that is, provided they are well started. It is well to start them in good season, as it is easy to hold them a few days in a cold house or shed, when open. W. C.

PLANTS TURN YELLOW.

Will you kindly inform me what is the trouble in my greenhouse. I am a young florist, located in Greenville, Ill., and just started the business for myself eight months ago. I have only one greenhouse, 15x50, heated by a small steam boiler, and one 2½-inch pipe runs up in the middle from the boiler to the end of the house and comes back by three 2-inch returns under each side bench. The house runs from north to south. I have cut a nice lot of carnations since last September, but my geraniums, asparagus, ferns, etc., do not grow well. I have my propagation bench covered with glass, so the cuttings do fine, but as soon as I put them on the bench they start to turn yellow, as you see by the sample leaves enclosed. I have a wood wall between the boiler room and the greenhouse, the cracks being covered with paper. I give as much ventilation as possible. Do you think that I ought to put something on the pipes while they are hot? Please tell me what to do. I also would like to have your advice about watering my stock. I use cistern water, but I like to use the well water, but it is so hard that it kills my young plants. Can I put something in that water so it can be sweet? E. C.

If your carnations have bloomed well since last September, the house evidently suits them. It is possible that you are allowing gas to escape from your boiler room to the greenhouse. This would account for the Asparagus Sprengeri dying, as your sample shoots have done. Close up tightly every possible crevice where this can come in. If the trouble still continues, try leaving a little chink of air on the top ventilators all night. Have you painted your pipes with any of the patent metal paints on the market? These sometimes do great damage, especially if some turpentine has been mixed in them. A safe paint is lamp black and linseed oil, if you want to cover any heating pipes as a rust preventive.

If your well water is so very hard, it will be better to use the soft rain water for the plants. Write to the Agricultural College of your state, send a sample of your well water and ask them their opinion of it. They will analyze it and advise you if unsuitable, and may be able to suggest a way to improve it.

For so small a house I think hot water would be better for you than steam. The latter heat is strong and drying and temperature fluctuations must be more violent with it. The heating expert of the Review would be glad to tell you how to change from steam to hot water. Do not get discouraged. Write again for information. It is difficult without knowing exact conditions to advise you, but the Review will help you in every possible, practical way. W. N. C.

PALMS WITH SHALLOW ROOTS.

Kindly tell me if there is any way of preventing palms from pushing up out of the pots. All of ours are doing this more or less. They are not potbound. They stand above the soil on their roots and get wabbly. We have to push stakes down in the pots to hold them upright. This spoils the looks of them and also their sale. What can I do to them? A. H. W.

It is natural for the majority of palms to have the base of the plant above the surface of the ground, though the roots are usually stiff enough to support them without need of staking. The plants in question, however, may have been potted unnecessarily high, with the result that they are unsteady in the soil. When repotting, keep the base of the plants just below the surface of the soil and then there is not likely to be a recurrence of this trouble.

When growing naturally, many of the palms are found with the base raised up from one to three feet above the soil, according to the age and size of the plants, but they are enabled to stand strong winds by means of the foundation of stout roots that supports them. W. H. T.

IMPORTANT NOTICE

Every reader of this paper can find something of interest among the Review's Classified advertisements. Almost every day you want something. You keep on wanting it because you do not realize you can fill almost any want through the Classified pages of this paper.

For a small expenditure you can advertise to thousands of readers. You will find someone, and often very many, who will buy the stock you want to sell, or sell you what you want to buy.

10 cents per line of six average words.



Some of the "57 Varieties" at the Heinz Pickle Factory, Pittsburg, January 26, 1910.

FLATS.

Noticing the REVIEW's advice to growers to get their flats ready for spring trade, I will describe my method of making flats. For the ends I use pieces of inch lumber, twelve inches long and three inches wide. The sides and bottoms are of common plaster lath, cut in two, making the length of the flat two feet. This form of flat, 12x24 inches and three inches deep, makes a nice size for handling and gives two tiers for 4-foot benches.

In transplanting into these flats, we place in each flat fourteen rows of eight plants each, or 112 plants in all, which we sell as 100 plants. We have used this kind of flats for over fifty years and find that they give the best of satisfaction.

H. C. GREEN.

FORCED VALLEY PIPS.

I have forced some valley in boxes four feet long, eleven inches wide and twelve inches deep, the valley being planted in about five inches of sand in the bottom part of the box. I am cutting them now. Can I use these pips next season? If so, please state what treatment they should have. S. S.

After forcing, lily of the valley pips are of no value whatever and it would not pay you to attempt to use them again. C.

WHITE FLY.

I enclose herewith a sample leaf with egg deposits. When hatched, this is a small white fly. Can you tell me what it is and how to exterminate it?

C. L.

The egg deposits are those of the white fly. The only sure way to exterminate it is fumigation with hydrocyanic acid gas. We have found that for a house 20x100 and twelve and one-half feet to the ridge, two jars, each containing two ounces of sulphuric acid and six ounces of water, into which one ounce of cyanide of potassium is dropped, will kill most of the fly. A second application two or three days later will finish the job. Select cool evenings for the operations. Drop in the cyanide and beat a hasty exit. Lock the door and allow no one to enter until next day. Leave the house closed tight. It will be perfectly safe for anyone to enter the next morning. A host of formulas have been given for killing this fly, some much stronger than others. You will find the above proportions will clean it out. Remember the deadly nature of the gas and run no risks with it. C. W.

TO EXTERMINATE MILLEPEDS.

I certainly do not agree with the correspondent who said that millepeds are not injurious to plants, as I have had some costly experience with them. I have known the pests to clean out, or almost clean out, a whole box of seedlings in one night. They have also eaten some of my plants, which they prey upon about the same way as wood lice and some other bugs do.

The remedy is a simple one and applies to both the millepeds and the wood lice. Get five or ten cents' worth of brown sugar and some Paris green. I always buy the latter by the pound, so as to have it on hand. Mix the quantity required; there is no need of being exact as to the proportions, so long as you put in enough Paris green to color the sugar. Drop a pinch of the mixture here and there between the plants and seed boxes, and in a short time you will find Mr. Milleped lying dead on his back. This recipe, I think, is simpler and cheaper than most others, and is not dangerous; but you must keep the mixture covered, lest your favorite cat have access to it, and you must place it beyond the reach of children. F. J. FILLMORE.

ASPARAGUS PLUMOSUS NANUS.

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are millions of wild roses in close proximity to our place and one can hardly kill them with an ax; so I propose to experiment with some this summer. The worst feature I see, is the thorns, which vary in numbers from a few to thick clusters, but could easily be rubbed off with a heavy leather glove. H. C. S.

That many of our wild roses can be and are used as stocks for budding and grafting is certain, but with what amount of success I am unable to say. The wild rose of Britain, Rosa canina, is used almost exclusively for outside work there, especially for standard and half standard grades. The reason why Manetti is preferred is because it possesses so fine a mass of fibrous roots, which gather and supply more food to the plant than do the less fibrous roots possessed by most varieties. Some varieties of wild stock have also the undesirable habit of taking a long rest in winter, making them unfit for using for greenhouse purposes.

Experimenting with different stocks which are native to your section, and comparing results with those on Manetti, will certainly give you desired information. Ribes.

WHITE FLY ON PRIMULAS.

I am sending you a primula leaf with white fly and eggs. They seem to breed by the thousands. Smoking with tobacco stems seems to have no effect on them. They just ruin the plants. What is the simplest and best method of fighting them? L. A. D.

Spraying with soap and water helps to keep white fly in check. Fumigation with tobacco stems has no effect on them whatever; in fact, they seem to revel in a smoky atmosphere. One form of fumigation only will clean them out and that is hydrocyanic acid gas. This must be very carefully used, as it is a deadly gas, but hundreds of successful florists now rely on it exclusively. Always use it in the evening, and the lower the temperature the better. There is little liability of injuring the plants at this season of the year; in hot weather the foliage is more liable to be hurt.

For a house 20x100 we use two jars, each containing two ounces of sulphuric acid and six ounces of water, dropping one ounce of cyanide of potassium in each. We find two doses, given two or three nights apart, will exterminate the fly and an all-night exposure will not hurt the most tender plants in the least. We have found from repeated trials that the above quantities suffice if a calm evening is chosen for the work. C. W.

HYACINTHS AND NARCISSI.

How soon ought we to bring our hyacinth and narcissus bulbs to the heat to produce blooms for Easter? The average night temperature is about 50 degrees. W. C. F. C.

Easter Sunday comes March 27. House your hyacinths March 1, and your narcissi, if of the Trumpet family, four or five days later—that is, provided they are well started. It is well to start them in good season, as it is easy to hold them a few days in a cold house or shed, when open. W. C.

PLANTS TURN YELLOW.

Will you kindly inform me what is the trouble in my greenhouse. I am a young florist, located in Greenville, Ill., and just started the business for myself eight months ago. I have only one greenhouse, 15x30, heated by a small steam boiler, and one 2½-inch pipe runs up in the middle from the boiler to the end of the house and comes back by three 2-inch returns under each side bench. The house runs from north to south. I have cut a nice lot of carnations since last September, but my geraniums, asparagus, ferns, etc., do not grow well. I have my propagation bench covered with glass, so the cuttings do fine, but as soon as I put them on the bench they start to turn yellow, as you see by the sample leaves enclosed. I have a wood wall between the boiler room and the greenhouse, the cracks being covered with paper. I give as much ventilation as possible. Do you think that I ought to put something on the pipes while they are hot? Please tell me what to do. I also would like to have your advice about watering my stock. I use cistern water, but I like to use the well water, but it is so hard that it kills my young plants. Can I put something in that water so it can be sweet? E. C.

If your carnations have bloomed well since last September, the house evidently suits them. It is possible that you are allowing gas to escape from your boiler room to the greenhouse. This would account for the Asparagus Sprengeri dying, as your sample shoots have done. Close up tightly every possible crevice where this can come in. If the trouble still continues, try leaving a little chink of air on the top ventilators all n Have you painted your pipes with of the patent metal paints on the ket? These sometimes do great dam especially if some turpentine has mixed in them. A safe paint is black and linseed oil, if you wan cover any heating pipes as a rust ventive.

If your well water is so very hard will be better to use the soft rain w for the plants. Write to the Agri tural College of your state, send a s ple of your well water and ask t their opinion of it. They will analyz and advise you if unsuitable, and n be able to suggest a way to improve

For so small a house I think water would be better for you th steam. The latter heat is strong a drying and temperature fluctuatio must be more violent with it. The he ing expert of the Review would glad to tell you how to change fro steam to hot water. Do not get d couraged. Write again for informatio It is difficult without knowing exact co ditions to advise you, but the Revi will help you in every possible, practic way. W. N. C.

PALMS WITH SHALLOW ROOTS.

Kindly tell me if there is any way o preventing palms from pushing up ou of the pots. All of ours are doing thi more or less. They are not potbound They stand above the soil on their root and get wabbly. We have to pus stakes down in the pots to hold them upright. This spoils the looks of them and also their sale. What can I do t them? A. H. W.

It is natural for the majority of palms to have the base of the plant above the surface of the ground, though the roots are usually stiff enough to support them without need of staking. The plants in question, however, may have been potted unnecessarily high, with the result that they are unsteady in the soil. When repotting, keep the base of the plants just below the surface of the soil and then there is not likely to be a recurrence of this trouble.

When growing naturally, many of the palms are found with the base raised up from one to three feet above the soil, according to the age and size of the plants, but they are enabled to stand strong winds by means of the foundation of stout roots that supports them. W. H. T.

IMPORTANT NOTICE

Every reader of this paper can find something of interest among the Review's Classified advertisements. Almost every day you want something. You keep on wanting it because you do not realize you can fill almost any want through the Classified pages of this paper.

For a small expenditure you can advertise to thousands of readers. You will find someone, and often very many, who will buy the stock you want to sell, or sell you what you want to buy.

10 cents per line of six average words.



Some of the "57 Varieties" at the Heinz Pickle Factory, Pittsburg, January 26, 1910.

FLATS.

Noticing the REVIEW's advice to growers to get their flats ready for spring trade, I will describe my method of making flats. For the ends I use pieces of inch lumber, twelve inches long and three inches wide. The sides and bottoms are of common plaster lath, cut in two, making the length of the flat two feet. This form of flat, 12x24 inches and three inches deep, makes a nice size for handling and gives two tiers for 4-foot benches.

In transplanting into these flats, we place in each flat fourteen rows of eight plants each, or 112 plants in all, which we sell as 100 plants. We have used this kind of flats for over fifty years and find that they give the best of satisfaction.

H. C. GREEN.

FORCED VALLEY PIPS.

I have forced some valley in boxes four feet long, eleven inches wide and twelve inches deep, the valley being planted in about five inches of sand in the bottom part of the box. I am cutting them now. Can I use these pips next season? If so, please state what treatment they should have. S. S.

After forcing, lily of the valley pips are of no value whatever and it would not pay you to attempt to use them again. C.

WHITE FLY.

I enclose herewith a sample leaf with egg deposits. When hatched, this is a small white fly. Can you tell me what it is and how to exterminate it?

C. L.

The egg deposits are those of the white fly. The only sure way to exterminate it is fumigation with hydrocyanic acid gas. We have found that for a house 20x100 and twelve and one-half feet to the ridge, two jars, each containing two ounces of sulphuric acid and six ounces of water, into which one ounce of cyanide of potassium is dropped, will kill most of the fly. A second application two or three days later will finish the job. Select cool evenings for the operations. Drop in the cyanide and beat a hasty exit. Lock the door and allow no one to enter until next day. Leave the house closed tight. It will be perfectly safe for anyone to enter the next morning. A host of formulas have been given for killing this fly, some much stronger than others. You will find the above proportions will clean it out. Remember the deadly nature of the gas and run no risks with it. C. W.

TO EXTERMINATE MILLEPEDS.

I certainly do not agree with the correspondent who said that millepeds are not injurious to plants, as I have had some costly experience with them. I have known the pests to clean out, or almost clean out, a whole box of seedlings in one night. They have also eaten some of my plants, which they prey upon about the same way as wood lice and some other bugs do.

The remedy is a simple one and applies to both the millepeds and the wood lice. Get five or ten cents' worth of brown sugar and some Paris green. I always buy the latter by the pound, so as to have it on hand. Mix the quantity required; there is no need of being exact as to the proportions, so long as you put in enough Paris green to color the sugar. Drop a pinch of the mixture here and there between the plants and seed boxes, and in a short time you will find Mr. Milleped lying dead on his back. This recipe, I think, is simpler and cheaper than most others, and is not dangerous, but you must keep the mixture covered, lest your favorite cat have access to it, and you must place it beyond the reach of children. F. J. FILLMORE.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following day, and earlier will be better.

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SOCIETY OF AMERICAN FLORISTS.

INCORPORATED BY ACT OF CONGRESS MARCH 4, '01

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

Results bring advertising.
THE REVIEW brings results.

NOT a few subscribers save themselves the bother of annual renewal by sending the REVIEW $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

TRIALS OF A COUNTRY FLORIST.

I thought that possibly the REVIEW'S readers would like to hear about a country florist's first experience with Carnation day. Having resolved to make a special effort for the occasion, I advertised in the two local papers, had cards printed for the windows, explaining the meaning of the day's celebration, then marked my choicest carnations down to 5 cents each and sold — sixty. If this was not a complete failure, it certainly was not a howling success.

I could write a book on my experiences in educating a country town to buy flowers. While others have tried and failed, I have hung to it for six years, but feel that I am only at the bottom of the ladder now. I often have calls for wreaths at $2, which I think most city florists would laugh at, and I am sure they would laugh now if I should tell them what I made the wreaths of.

A. E. N.

AMERICAN ROSE SOCIETY.

The Horticultural Society of New York, under whose auspices the American Rose Society will exhibit in New York city, has taken upon its part the duty of enlisting the interest of as many members of that society as possible to develop the best attendance and support for the occasion.

The New York Florists' Club has appointed a special committee to extend courtesies to all members of the Rose Society. The intent is to display in the great hall of the American Museum on Seventy-seventh street, for popular exhibit without cost to the public, a show of the first magnitude. The hall is at present being repainted and decorated. The measurement is 75 x150 feet. The effort is to obtain, among other things, a fine exhibit of potted plants. Many a dweller in the metropolis can grow a plant in a pot and would enjoy doing so, and an exhibit of that kind is likely to foster a demand for that class of roses.

The full list is being revised by the chairman of the schedule committee, ex-President Robert Simpson, and as soon as completed will be put in permanent form in conjunction with the premium list and schedule of the Horticultural Society of New York.

Since our last report the following special prizes have been offered: John I. Raynor, New York city, $25; Henshaw & Fenrich, New York city, $25; Henry Froment, New York city, $25; William S. Allen, New York city, $25; Traendly & Schenck, New York city, $25; Alex. J. Guttman, New York city, $25; King Construction Co., North Tonawanda, N. Y., $25; J. A. Budlong & Son. Co., Auburn, R. I., $25; John N. May, Summit, N. J., $25; Frank R. Pierson, Tarrytown, N. Y., $25; Wm. G. Badgley, Chatham, N. J., $15; Walter F. Sheridan, New York city, $15; A. H. Langjahr, New York city, $10; L. B. Coddington, Murray Hill, N. J., $10; ex-President Robert Simpson, Clifton, N. J., $30; Society of American Florists, medals.

James Wood, president of the Horticultural Society of New York, will deliver an address upon "Ideals of Horticulture"; Geo. V. Nash, "The Rose and Its History," an illustrated lecture with colored lantern slides, and Adolph Farenwald, of Roslyn, Pa., on "Roses, the Brightest of Flowers." A valuable paper is being prepared by W. S. Sibson, upon the "Northern Pacific Coast Roses." Within a few days the Horticultural Society of New York will issue jointly with the American Rose Society, the full prize list and rules.

Joseph A. Manda has been appointed superintendent of exhibits.

BENJAMIN HAMMOND, Sec'y.

RESULTS ARE WHAT COUNT.

There are many factors which may influence an advertiser part of the time, but it is actual results which influence him most of the time.

Please withdraw our advertisement from the Review, as we have had so many orders from it that we cannot fill any more at present.—Newburg Floral Co., Newburg, N. Y., February 10, 1910.

CHICAGO.

The Great Central Market.

The first week of Lent, which this year included St. Valentine's day, saw large quantities of stock moved in this market. Lent cuts less and less figure as the years go by, and Lincoln's birthday, February 12, and Valentine's day, February 14, are constantly increasing in importance from a florist's point of view. The patriotic societies and the business men's associations find the Lincoln anniversary a favorable date for their dinners, requiring flowers, and many private social affairs add to the demand for stock. Flowers are rapidly gaining in favor for Valentine's remembrances, and no wonder, when one compares the excellent dollar boxes, offered by many stores, with the frilled paper affairs that the department stores and others still sell in quantity at high prices. Flowers are the valentine par excellence; it only requires calling the people's attention to make the business grow. But the Valentine's day demand was cut down by cold weather and with the wholesalers ended Sunday, February 13. Some of the shippers of carnations and violets sent in great quantities of stock February 14 and met with disappointment, the market being extremely weak for these flowers that day.

There were steadily increasing supplies in all lines all last week, but roses maintained their values fairly well until February 14, the demand increasing as much as the supply. Beauties and Richmond were in especial request. The former, which had been weakening in price because of light demand, firmed up again for a time at the end of the week. Supply remained about stationary, some increase in other crops being balanced by the one large cut of the last fortnight passing its heaviest. Richmond, which had been selling below other roses of equal quality, came into its own again, because everyone seemed to want

ONCE MORE WE ARE READY WITH OUR CROP OF

Sweet Peas

Fancy, Long-stemmed Stock in Large Quantity

The colors are white, pink and lavender, with a few fancy colors. This stock makes a hit wherever used—it is the same that we handled in such enormous quantity (as many as a quarter of a million a week) last season and which we shipped all over the country. Begin now, with the start of the crop—you can do a big business with these Peas for many weeks.

BEAUTIES, KILLARNEY, RICHMOND, BRIDES and BRIDESMAIDS

Roses once more are in good supply with us. Quality fine. Order of us and you will be pleased. Our Killarney are as good as are produced anywhere in this country and the cuts will soon be heavy again.

Carnations

You will find our Carnations splendid stock—the best varieties in each color—and the quantity sufficient to take care of the largest orders. We want to hear from large users of Carnations who have not previously bought of us. We can make it interesting for all such—not the cheapest, but the best Carnations on this market, and the largest supply.

Violets

We handle the cream of the crops of Hudson River Double Violets and ship them in large quantities all over the middle west. If YOU haven't tried our Violets, order some today. Also large supplies of fancy singles.

Bulb Stock

All bulb stock in quantity; Tulips, in yellow, white and pink (Novelty); choice Jonquils and Daffodils, also fancy Freesia, Paper Whites and Romans, Easter Lilies and Callas.

Green Goods

You can get of us all the Smilax that you need, nice, long, heavy strings. Also the popular green, Mexican Ivy, of choice quality. If you want the best ferns in the market order here.

Fancy Valley Always on Hand

We handle the **"Chicago Market Brand"** exclusively. Long-stemmed, large bells, crisp, the kind of stock that holds up and gives invariable satisfaction. Most leading stores will use no other. We can supply any quantity.

PRICE LIST

AMERICAN BEAUTY	Per doz.
Long stems	$5.00
Stems 36 inches	4.00
Stems 30 inches	3.00
Stems 24 inches	2.00
Stems 20 inches	1.50
Stems 16 inches	1.00
Stems 12 inches	.75
	Per 100
Killarney, special	$12.00
" select	$ 8.00 to 10.00
" seconds	4.00 to 6.00
Richmond, special	10.00 to 12.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
Maid and Bride, special	10.00
" " select	6.00 to 8.00
" " seconds	4.00
Mrs. Field	4.00 to 10.00
My Maryland	4.00 to 10.00
CARNATIONS	
Common and split	1.50 to 2.00
Select, large and fancy	3.00
MISCELLANEOUS STOCK	
Sweet Peas, fancy	1.50
" " medium	1.00
" " short	.50 to .75
Violets, fancy N. Y. doubles	.75
" " single	.50 to .75
Daffodils, Jonquils	3.00
Tulips, white and yellow	3.00
" pink (Novelty)	4.00
Valley	3.00 to 4.00
Easter Lilies, per doz., $2.00	15.00
Callas, per doz, $1.50 to 2.00	
Mignonette, per doz., 50c to 75c	
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
Daisies	1.00 to 1.50
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" " per bunch	35 to .50
" Sprengeri, per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax, per doz., $1.50	10.00
Ferns, per 1000, 2.00	.25
Galax " 1.00	.15
Leucothoe " 6.50	.75
Mexican Ivy, per 1000, $7.50; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

BEAUTIES

We have the largest supply and the finest **Beauties** in this market and we want to hear from those who have not previously bought of us.

LET'S HEAR FROM YOU

We also can supply all other stock in season. A fine lot of **Carnations.**

VAUGHAN & SPERRY

52-54 Wabash Avenue, L. D. Phone, Central 2571 **CHICAGO**

Price List

	Per doz.
AMERICAN BEAUTY	
36 to 40-inch stem	$5.00
24 to 30-inch stem	$3.00 to 4.00
18 to 20-inch stem	1.50 to 2.50
12 to 15-inch stem	1.00 to 1.25
Short stem	.75
	Per 100
Bride	$6.00 to $12.00
Bridesmaid	6.00 to 12.00
Killarney	6.00 to 15.00
White Killarney	6.00 to 15.00
Richmond	6.00 to 12.00
ROSES, our selection	5.00
Carnations, good	1.50 to 2.00
" fancy	3.00
Violets	.75 to 1.00
Valley	3.00 to 5.00
Harrisii Lilies...doz., $1.50 to $2.	
Callas..... " $1.50 to $2.	
Tulips	3.00 to 4.00
Jonquils	4.00
Freesia	3.00
Sweet Peas	.75 to 1.50
Asparagus.....per string, .50	
" Sprengeri, per bunch,	.35 to .50
" Plumosus "	.50 to .75
Galax..... per 1000, $1.00;	.15
Adiantum	.75 to 1.50
Leucothoe Sprays	.75
Smilax.....per doz., $2.00	
Fancy Ferns..... per 1000 2.00	.25
Boxwood.....50 lb. case, 7 50	
Wild Smilax.....50 lb., 5.00	

Prices subject to market changes.

Mention The Review when you write.

red for Lincoln dinners and for valentines. Killarney has been short of the requirements for weeks, but now is equal to the call. Since the passing of the special demand the rose situation has become quite a little easier.

Carnations have been and are in large supply. Quality varies, the highest grade being in lightest supply, with an overabundance of the stock that does not pass critical inspection. Splits are so plentiful it is next to impossible to move them. There was a big call for red last week and the price, of course, was pushed up. Bright pink also shared in the extra demand, but for light pink and white the call did not even hold prices steady except, perhaps, where the quality was above the ordinary. While a few carnations sold for 4 cents, wholesalers were glad to take $1.50 per hundred for others and were never able to clean up on the lower grade. The weather the last few days has favored the carnation and no further shortage is to be expected this season.

The violet is the popular specialty for Valentine's day. The supply was enormous, but so was the demand and a good business was done, both at wholesale and retail. Fair prices were realized for the doubles up to February 13, but the next day the market went to pieces. Singles were in even heavier supply than doubles and there simply was no sale for them at any price February 14. Fancy sweet peas sold well, as did jonquils, daffodils and the colored tulips, up to the close of business February 13 (two houses kept open and busy all day Sunday), but after that there was too much of everything except roses, and enough of these.

Cattleyas seem equal to the call, but the price for the best continues good. There are plenty of Easter lilies and callas are more abundant than heretofore. Fine valley is in large supply, shipments coming here from other markets that are overstocked.

The greens department is quiet. There is not much call for asparagus strings. Plumosus bunches are scarce. Of other items there is a good supply.

Some of the orders intended for shipment January 12 were not received until next day, because the senders had overlooked the fact that there was but one delivery of mail. Washington's birthday, February 22, also is a holiday, with only one delivery. To be on the safe side, wire.

Various Notes.

The retailers made more effort than ever before for Valentine's day. Several spent considerable sums in advertising in the daily papers and all made more or less elaborate special window and store decorations, with the result that they nearly all report increased business. The red heart-shaped box was the staple article for violets, but the leading stores showed many elaborate boxes and did a good business with them. The table decorating, with the stores that do the bulk of this work, was heavy February 12 and 14.

Roy Wilcox and his bride, from Council Bluffs, spent several days in Chicago last week, on their way home from the east. The wedding occurred February 1.

Fred Strail, formerly in the retail business on Jackson boulevard and later with A. Lange, is now with the Bohannon Floral Co. Report has it that the Bohannon business has increased largely since removal to the University Club building.

Vaughan & Sperry say that their sales in the first eleven days of February were almost the exact sum of the sales for the whole month last year, which was before they moved to their present location.

W. H. Hilton, who has been ill for several months, a part of the time seriously so, went to Alabama February 12 for a period of recuperation.

W. E. Lynch, of E. H. Hunt's, recently visited business connections at Champaign and Springfield.

John Mangel had a fully set table with a Valentine's day decoration as a part of his window display last week.

Ed Heim, of Heim Bros., Blue Island, was in town the other day and said it will be some little time yet before roses get into full crop again; the plants have made extremely slow growth during the several weeks of severe cold weather. He says he looks for a big crop about March 15, carrying over Easter, and thinks there is a probability of a glut of roses in April, possibly a little before if the weather is bright and warm. Heim Bros. grow only roses and carnations and have cut good stock this season.

Poehlmann Bros. Co. does not intend to be caught short if a coal strike cuts off the fuel supply in April. Not only are all the storage sheds being filled to the roof, but huge piles of coal are being stacked up in the open air.

E. C. Amling says that he thinks there were at least four times, and possibly six times as many single violets this year as for any previous Valentine's day.

Frank Schramm took in the automobile show last week, sold his old machine and bought a fine new National touring car. He is cutting some specially good White Lawson carnations just now.

Bassett & Washburn say Lent has made absolutely no difference to them; business has been even better since Ash Wednesday than it was before.

A. L. Randall says his house never handled so many violets in three days as it did February 11 to 14. Frank Johnson is in Michigan this week.

H. C. Blewitt, Des Plaines, is planning to put up another large house this

TO USERS OF

APHINE

Please note the following modifications in directions for applying, which if carefully followed will prove effective for the destruction of all insects intended for:

For Green, Black and White Fly,
1 part Aphine to 35 to 40 parts Water.
For Red Spider, Thrips and Slugs,
1 part Aphine to 20 to 25 parts Water.
For Mealy Bug, White and Brown Scale,
1 part Aphine to 12 to 15 parts Water.

$2.50 per Gallon.

APHINE MANUFACTURING CO.
MADISON, N. J.

Mention The Review when you write.

CARNATIONS

Our Carnation crop is heavy and the quality of the stock is A-No. 1. Prices seasonable. We can quote attractive rates to buyers of 1000 lots.

White Lilac
Fancy Stock, $1.25 a bunch, five bunches for $6.00

Violets
Double or single in quantity. Let us quote you.

Cattleyas
Finest the market affords. $5.00 to $7.50 a doz.

Dendrobiums
Fine Dendrobium Formosum, $2.00 to $5.00 a doz.

Gardenias
A steady supply; $2.00 to $4.00 a doz.

Bulb Stock
Everything in quantity—quality excellent.

ALL ROSES ARE AGAIN IN GOOD SUPPLY

If you haven't our Catalogue handy—a complete line of Supplies—send for it.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments **19-21 Randolph St., Chicago**

Mention The Review when you write.

You will save money



By using an **Armleder** business wagon, which is the most economical wagon made, because it lasts longer, wears better, and has greater freedom from repairs than any other wagon made by anybody anywhere.



Our Catalogue I is what you need. It's free, but you must ask for it.

——Easy terms if desired.——

Just Address ARMLEDER, Cincinnati, Ohio

Mention The Review when you write.

season. He says his sweet peas never looked so fine as now. This year he has them in solid beds, twelve inches of soil on a foot of cinders confined by plank sides, which brings the vines well up to the glass. He expects a big crop for Easter.

Lubliner & Trinz have been short handed and exceptionally busy the last few days.

Wietor Bros. plan to increase their planting of Mrs. Jardine rose next season and, of course, will find room for a big lot of White Killarney.

Kyle & Foerster report many inquiries from buyers who are only waiting for spring prices to take large quantities of stock from this market.

Poehlmann Bros. Co. received 100,000 Massachusetts ferns February 14.

Henry Van Gelder says the increase in the Percy Jones business requires more help.

At Peter Reinberg's it is stated that it is only a matter of a few days before the roses will be in full crop.

C. W. McKellar says he thinks salesmanship will count from now till Easter.

Miss Keegan, who has charge of the books for Zech & Mann, has been ill for a week and John Zech has been more than ever busy.

E. E. Pieser says the severe cold of February 12 and 13 was all that kept Valentine's day sales from going far ahead of the best previous record.

The E. F. Winterson Co. is fitting up a new office for the cut flower department in a location that will increase the store space. The seed department has disposed of most of the carload of cannas recently received.

Ned Washburn and wife will start for California, to join O. P. Bassett, February 25.

Miss Sadie Palinsky, who has charge of the office end of her father's business, was 21 years of age February 15 and there was a gathering of fifty couples, several florists among them, at the new residence W. L. Palinsky built last year at 2867 Palmer avenue, to help her celebrate the event.

Chicago and vicinity was well represented at the meeting of the State Florists' Association at Champaign this week. More than twenty went down in one party.

Emil Buettner leaves next week for a vacation in southern California.

George Asmus is walking with a cane. He says it is rheumatism, but his friends tell him it is the gout.

W. L. Palinsky and Anton Then propose the organization of an association of the plant growers for the Chicago market, to hold monthly meetings for the exchange of experiences—credit as well as cultural. All the plantsmen thus far seen welcome the suggestion, they say.

During the Chicago flower show, the Chicago Carnation Co., Joliet, Ill., gave an excursion to their place, but found it was inconvenient for a great many growers to attend; therefore they will give another excursion, Tuesday, February 22, leaving the La Salle street station, Chicago, by Rock Island train, at 11:45 a. m. and arriving at their greenhouses at 1:00 p. m., where lunch will be served. A cordial invitation is extended to all interested growers to join the crowd, which is sure to be a merry one.

Bowling.

The Carnations defeated the Violets three games straight February 10 and brought the Florists' League teams up to close quarters again. Here are the scores:

Carnations.	1st	2d	3d	Roses.	1st	2d	3d
A. Zech	138	170	156	Fischer	131	167	162
Farley	160	170	118	Goerisch	128	125	125
Krauss	125	139	117	Pieser	118	104	158
Pasternick	150	192	185	Lorman	136	141	156
Ayers	184	170	179	Wolf	146	134	160
Totals	757	841	755	Totals	659	671	771

Violets.	1st	2d	3d	Orchids.	1st	2d	3d
Bergman	171	146	148	Huebner	117	142	132
Johnson	169	172	133	Graff	143	106	124
Fink	93	112	129	Vogel	108	151	125
Degnan	133	136	122	Asmus	172	179	120
Yarnall	132	183	161	J. Zech	112	164	174
Totals	698	749	693	Totals	657	742	675

MASON CITY, IA.—Kemble & Goodman intend to add two houses, each 27x100, to their range during the coming spring.

:: SPRING FLOWERS ::

Long-stemmed Sweet Peas, Jonquils, Daffodils, Tulips—all colors

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
CARNATIONS, the stock that fears no competition. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.
VIOLETS, double, **home-grown**—they have a Violet odor.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write

BOSTON.

The Market.

The advent of Lent, lessened demand and erratic weather have caused a decided slump in trade, and flowers have accumulated more than at any time during the present winter. Roses hold firmer in price than other flowers, most of the houses being off crop at present. American Beauties, especially long-stemmed ones, are scarce, but the call for them has been rather light. Killarney and White Killarney are each selling remarkably well, as also is Richmond. Some nice My Maryland is arriving, but with some growers this is not proving a satisfactory winter bloomer. Bride and Bridesmaid are the hardest varieties to move and few of these will be seen another season.

Carnations are in oversupply and prices are on the down grade, although flowers are of fine quality. Violets are abundant, 50 cents per hundred being now the top price on singles. Sweet peas are becoming plentiful. They have a wide range of prices, from 25 cents for short-stemmed flowers to $1.50 per hundred for those with 18-inch stems. A dozen different varieties are now coming in.

Bulbous stock is in heavy supply and prices are lower. Some good Emperor and Empress are now coming in, with an abundance of Golden Spur, Henry Irving, ornatus and princeps. Tulips are arriving with better stems, La Reine still selling the best, followed by Yellow Prince. A large quantity of the lilies seen are of the Formosa type, the foliage being excellent, although the average buds per stem are rather less than the other longiflorums. There is now an abundant supply of these. Lily of the valley is in ample supply and there are plenty of miscellaneous flowers, such as Dimorphotheca aurantiaca, calendulas, English primroses, ixias, wallflowers, myosotis, pansies, etc.

In choicer flowers Cattleya Trianæ is in good supply at $6 per dozen. Lælia anceps makes $3 and $4, the latter for white varieties. Cypripediums bring $8 to $10 per hundred. There are also plenty of dendrobiums. Gardenias are more abundant.

Club Meeting.

Carnation night, February 15, attracted, as usual, a big gathering, there being close to 200 present. President Duncan was in the chair and there wer many expressions of regret at his earl removal from Boston.

S. J. Goddard's practical paper, els where reproduced in the Review, gav rise to an animated discussion. Mr. God dard brought along with him samples of

WESTERN

ORCHIDS

Chas. W. McKellar

51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, February 21, 1910.

ORCHIDS—Cattleyas, lavender	Per doz.,		$ 6.00
Laelia alba, white	"		6.00
Dendrobium Formosum, white,	"		6.00
Cypripediums, green, per 100, $15.00	"		2.00
Assorted, selected flowers	Per box,	$5.00 to	25.00
Gardenias	Per doz.,	2.00 to	4.00
AMERICAN BEAUTY—Specials	"		5.00
30 to 36-in	"	3.00 to	4.00
20 to 24-in	"	2.00 to	2.50
15 to 18-in	"	1.25 to	1.50
Shorter	"	.75 to	1.00
Killarney, special	Per 100		12.00
" select	"	8.00 to	10.00
" seconds	"	4.00 to	6.00
My Maryland, special	"		12.00
" select	"	8.00 to	10.00
" seconds	"	4.00 to	6.00
Richmond, special	"	10.00 to	12.00
" select	"	6.00 to	8.00
" seconds	"	4.00 to	5.00
Mrs. Field	"	5.00 to	10.00
Bridesmaid	"	4.00 to	10.00
Bride	"	4.00 to	10.00
ROSES, our selection, mixed	"		4.00
CARNATIONS			
Select	Per 100,	$1.50 to	$2.00
Fancy	"		3.00
MISCELLANEOUS STOCK			
Violets, double	Per 100,		.75
" single	"	.50 to	.75
Valley	"	3.00 to	4.00
Easter Lilies	Per doz., $1.50 to $2.00		
Callas	" 1.50 to 2.00		
Sweet Peas	"		1.00
Paper Whites and Romans	"		3.00
Jonquils	"	3.00 to	4.00
Tulips	"	3.00 to	4.00
Daffodils	"	3.00 to	4.00
Mignonette	"	4.00 to	8.00
Freesia	"	3.00 to	4.00
DECORATIVE			
Asparagus Plumosus	Per string,	.50 to	.60
"	Per bunch,	.35 to	.75
" Sprengeri	"	.35 to	.75
Adiantum	Per 100,	.75 to	1.00
Farleyense	"		10.00
Smilax	Per doz., $1.50		
Mexican Ivy	"		1.00
Ferns	Per 1000, 2.00	"	.25
Galax, green and bronze	Per 1000,		1.00
" " "	Case 10,000,		7.50
Leucothoe	Per 100,		.75
" bronze	"		1.00
Wild Smilax	Large cases,		5.00
Boxwood	Per bunch, 25c; per 100 lbs.,		15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

Spring Crops Are On

Production has, with us, increased tremendously, but there is no change in the quality. At all seasons of the year

OUR STOCK IS IN A CLASS BY ITSELF

While there are no Roses or Carnations to compare with our best grades, we can supply shorter roses at prices as low as asked by any other house.

No order too small to receive our careful attention.

Orchids—Special fine Cattleyas, $6.00 to $7.50 per doz.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$6.00
36 inch	4.00
30-inch	3.00
24-inch	2.50
18 to 20-inch	1.50
15-inch	1.25
Short stem, per 100, $4.00 to $6.00	

ROSES	Per 100
Maid, Bride, Perle, select	$10.00
" " " long	8.00
" " " medium	6.00
" " " short	4.00
My Maryland, extra select	$12.00 to 15.00
" long	10.00
" medium	6.00 to 8.00
" short	4.00
Richmond, Killarney, W. Killarney ....select	12.00 to 15.00
" " " long	10.00
" " " medium	6.00 to 8.00
" " " good short	4.00
Good short stem Roses	4.00

Our Extra Special grade of Roses charged accordingly.

CARNATIONS	Per 100
Extra fancy	$ 3.00
First quality	2.00
Splits	1.50
HARRISII	15.00
TULIPS	4.00
DAFFODILS, JONQUILS	4.00
SWEET PEAS	$0.75 to 1.00
VALLEY	3.00 to 4.00
VIOLETS	.75
MIGNONETTE, large spikes	6.00
FREESIA	3.00
ADIANTUM	1.00
ADIANTUM CROWEANUM, fancy	1.50
SMILAX per doz., $2.00	
SPRENGERI, PLUMOSUS SPRAYS	3.00 to 4.00
PLUMOSUS STRINGS each, 60c	
FERNS per 1000, $2.00	
GALAX " 1.00	
LEUCOTHOE " 7.50	1.00
Wild Smilax per case 5.00	

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

both cuttings and plants, to better illustrate his remarks.

There was a goodly array of flowers on the tables. Alma Ward, Mrs. C. W. Ward and two fine pink seedlings from the Cottage Gardens Co. were superbly shown. R. T. Brown, the manager at Queens, accompanied the exhibit. George E. Buxton had Bon Ami and his other seedlings in fine shape. Pink Delight, from S. J. Goddard, attracted a great deal of attention. It is in tremendous demand for next season. A. Leuthy & Co. exhibited some new azaleas. Carnations Winona, Sarah Nicholson, Shasta, May Day and Hattie Starrett, from M. A. Patten, showed up fine, the two latter receiving reports of merit. May Day, exhibited by Peter Fisher, received a report of superior merit. William Penn and seedling No. 1019, by A. Roper, were awarded reports of merit. Granite State, from Buxton, received honorable mention; Alma Ward, report of superior merit; Mrs. C. W. Ward, report of merit; Beacon, from the Cottage Gardens Co., vote of thanks; Enchantress, by Littlefield & Wyman, cultural report of merit; Pink Delight, by S. J. Goddard, report of merit; large vase of mixed carnations, also by S. J. Goddard, report of cultural merit; yellow marguerites, by S. J. Goddard, and dark Killarney roses, by Eber Holmes, reports of merit.

Fifteen new members were added to the list. Resolutions were made, approving the parcels post and opposing the free seed distribution. A resolution was also adopted approving the two-row tree plan for Commonwealth avenue. Mrs. E. M. Gill was proposed for honorary membership. The decision of the carnation and rose societies to meet in Boston in 1911 in conjunction with the national show was commented upon favorably. Peter M. Miller, for the banquet committee, reported all bills paid

Colorado Carnations

We are now getting the best and largest cut we have ever had :: Can fill any order

The Pikes Peak Floral Co.
Colorado Springs, Colo.

Mention The Review when you write.

and a balance on hand. The committee and contributors of flowers and plants were tendered votes of thanks. E. H. Wilson, the noted plant collector and lecturer at the January meeting, was unanimously elected to honorary membership in the club.

Various Notes.

William H. Elliott is cutting a fine lot of the new rose, Mrs. Aaron Ward, which is in demand at the bon ton stores. W. R. Smith, while of a pleasing color, is not cared for by the retailers. He has an extra good lot of the old Safrano and Bon Silene. Rhea Reid grows well with him and gives excellent returns on the ledger, better than Richmond. A few Beauties are being grown, but Killarney and White Killarney are the greatest producers and in constant demand.

Ernest Borowski, of Roslindale, is one of the most progressive of the newer growers in and around Boston. He has had splendid lots of cyclamens and Lorraine begonias and has a splendid batch of Hiawatha, Lady Gay and Dorothy Perkins ramblers coming on for Easter. These are all pot grown through the summer.

Francis L. Deery, a popular salesman at Julius A. Zinn's, on Park street, surprised his many friends by joining the benedicts February 7, the happy bride being Miss Katherine Dugan, of Dorchester.

Henry W. Vose, of Hyde Park, is first in the market with fine Emperor narcissi. The same grower has extra good Golden Spur and Henry Irving, as well as hyacinths and freesias.

S. J. Goddard reports a tremendous demand for rooted cuttings of carnations. In two days he had to refuse orders for 16,000, having already booked orders for all he could supply this season. Growers nearly all agree that cuttings are unusually scarce this season.

Owing to the several halls of the Massachusetts Horticultural Society being rented for three days immediately following the dates set for the midwinter flower show, it has been decided to change the dates to February 25, 26 and 27, instead of February 26, 27 and 28. There will be some unique exhibits at this show, which promises to be the best of its kind ever held in Boston. Carnations will make an unusually large display. An orchestra will provide music each afternoon and evening and admission charges will be the same as at the successful spring show of 1909.

Peirce Bros. think so highly of Carnation Pink Delight that they are propagating it heavily and hope to bench 15,000 of it next season.

Backer & Co., of Billerica, are sending in fine bunches of their new scarlet seedling carnation, Red Prince, to Park Street Market. It has already won a host of friends. A white seedling, beautifully perfumed, from the same firm, is also showing well, as well as an excellent yellow self-seedling. These are all handled at the Park Street Market by William F. Aylward.

Visitors last week included F. Mitchell, Waterville, Me.; H. S. De Forest and M. B. Faxon, New York; Andrew Merkle, Andrew McLellan and Andrew Durward, Newport, R. I.; William Graham, Greenwich, Conn.

The two rose houses being erected for the Montgomery Co. at Hadley, Mass., are each 41x500. They are of King construction and contain many new and up-to-date features. They will be ready for glazing early in March.

P. L. Carbone had an attractive window of camellias last week. These one-time favorites are now enjoying a return of popularity.

A number of special prizes have been received for the big May orchid show. The final schedule, containing the fall premium list, will be quite an elaborate one. A number of attractive views on private estates, the Arnold Arboretum and the park system will be included. Word has just been received that a group from a prominent Ghent (Belgium) firm will be sent.

Edward Hatch, the popular treasurer of the Gardeners' and Florists' Club, is

Wilson's Corsage-Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., **Brooklyn, N. Y.**

Mention The Review when you write.

Illinois Self-Watering Flower Boxes



Pat. Jan. 29, 1907; June 22, 1909.

Not an experiment, but a tried and proven success. Reservoir in bottom supplies sufficient moisture to last 10 to 20 days. This is sub-irrigation perfectly applied.

Indorsed by prominent florists everywhere.

Your customers will not complain of the plants you sell them if set in these boxes.

37 styles and sizes in stock. Specials made to order for any purpose. Write today for illustrated catalogue and price list.

ILLINOIS HEATER AND MFG. CO., 31 Dearborn Street, CHICAGO, 701 Kamm Bldg., San Francisco, Cal.

THE CONARD & JONES CO., West Grove, Pa., Distributors for N. Y., N. J. and Pa.

Mention The Review when you write.

ROSES — ROSES

Large cuts of **Killarney, Bride, Maid, Richmond, Uncle John, Field,** etc., also a fair supply of **Beauties** with a big crop nearly ready.
Plenty of fancy **Carnations.**

Beauties	Doz.
Extra long	$5 00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
18-inch stem	1.50
15-inch stem	1.25
12-inch stem	1.00
Short stem	.75

	Per 100
Richmond	$6 00 to $10 00
Killarney	6.00 to 10 00
Chatenay	6 00 to 10.00
Field	6 00 to 10 00
My Maryland	6 00 to 10.00
Uncle John	6.00 to 10.00
Bride	6.00 to 10.00
Maid	6 00 to 10 00
Ivory	6 00 to 10 00
Sunrise	6.00 to 10.00

	Per 100
Gate	$6.00 to $10.00
Perle	6.00 to 10.00
Carnations	2.00 to .00
Harrisii	15.00
Valley	4.00
Violets	1.00
Adiantum	1.00
Asparagus	per bunch, .50
Ferns	per 1000, 2.00

ROSES, Our Selection, $4.00 per 100

PETER REINBERG, 35 Randolph Street, **Chicago**

Mention The Review when you write.

Easter Lilies

We are cutting now an average of 1000 Lilies per day. Very choice stock, large flowers, long stems and fine foliage. They are the best flowers in the market and are in great demand during this severe shortage of Beauties and Roses. We are selling them at $12.00 per 100 or $1.50 per doz. Buy direct of the grower and get fresh stock.

American Beauties, Roses, Fancy Carnations,
Tulips, Daffodils, Valley, Easter Lilies and Greens.

Write us for our Weekly Price List. We keep you posted on the market.

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

Mention The Review when you write.

improving steadily at the Homœopathic hospital, East Concord street.

John W. Duncan leaves for Spokane, Wash., February 23. Mrs. Duncan and daughter will follow later.

The Budlong Co., of Auburn, R. I., are sending in a fine grade of My Maryland roses at present.

The third big snowstorm of the season reached us February 11, the fall averaging ten inches on the level, followed, as usual, by decidedly colder weather.

George M. Anderson, of Milton, is making a specialty of choice geraniums, of which he has a fine young stock. Mr. Anderson is also a successful cyclamen grower.

Julius A. Zinn's new flower store on Park street is an attractive one. Among various flowers noted in it last week were orchids in variety, Strelitzia Reginæ, dimorphotheca and annual pink lupins.

There have been several cases of poisoning from handling Primula obconica in the markets within a few days. C. B. Luard, of Wollaston, had his eyes almost completely closed up. W. F. Aylward also had a badly swollen arm. Some of the large flower stores refuse to handle this plant at all, on account of its poisonous properties.

Last week E. MacMulkin had a beautiful window containing nothing but yellow flowers. Genistas, tulips, narcissi, carnations, acacias and other seasonable flowers were used. Mr. MacMulkin hopes to be an exhibitor at the coming big orchid show. W. N. CRAIG.

All hands are busy now at the establishment of Leonard Cousins, Jr., at Concord Junction, Mass., potting up shamrocks for St. Patrick's day trade. Many thousands are grown.

MADISON, IND.—L. E. Heitz has a new seedling carnation which he has named Madison.

CALLAS FROM SEED.

About three years ago I had a calla plant, from the seeds of which I grew two plants. The flowers on these are small. I should like to know if the plants eventually will put forth as large blossoms as their parent. Do callas seed frequently? W. S. B.

Callas seed quite freely. Unless your seeds were taken from one of the small-flowered varieties, like Little Gem, they will, as the tubers increase in size, give you larger flowers. There is considerable variation in the size of flowers produced on callas from seed, but as a general rule the flowers equal in size those produced on the seed-bearing plants. C. W.

NEWARK, N. Y.—John Watson has been elected secretary of the Jackson & Perkins Co., the result of faithful and efficient service.

Niessen's
News Column

ACACIA
Pubescens.
$2.50 per bunch.

If your customer calls for an attractive arrangement of flowers in yellow, something out of the ordinary, nothing fills the bill like Acacia. Exquisitely dainty, yellow flowers, borne on sprays of various sizes, covered with an abundance of delicate, green foliage. Our supply of this novelty is not equaled.

Carnations
Good stock, our selection of colors,
In lots of 500 and over,
$3.00 per 100.

Our supply of carnations consists largely of the better varieties. Our growers have, in quality, surpassed their production of other years. We can truly say that never before have we offered better quality, or larger values. Red carnations, Beacon, Victory, Bassett, etc., we have in quantity. An order for a few thousand of them we can fill at short notice.

SPRING FLOWERS

	Per 100.
SINGLE DAFFODILS	
Golden Spur	$4.00
Princeps	3.00
TULIPS	$2.50— 4.00
Fancy Doubles	4.00— 5.00
DAISIES, White	2.00
DAISIES, Yellow	3.00
VALLEY	3.00— 4.00
FREESIA	2.00— 3.00
SWEET PEAS, choice	1.00
	Per Bunch.
PANSIES, per hundred	$8.00
LILAC	1.00
PUSSY WILLOW	.50
PUSSY WILLOW, per doz.	5.00

Killarney and Richmond
Our growers are now cutting them in quantity and can give you extra big value in the medium grades. $8.00 to $12.00 per 100.

White Killarney Rose
PLANTS, Waban strain.

2-inch pots, per 100 ..... $ 8.00
2-inch pots, per 1,000 ..... 70.00

ROOTED CARNATION CUTTINGS
See our advertisement among the classified ads. Strong, clean, healthy cuttings, that we guarantee to give satisfaction.

The Leo Niessen Co.
Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

Lenten Flowers

We all know that Lent is no longer the serious time it used to be; there is a good demand for flowers during Lent. We offer as specialties:

Easter Lilies, for which we are recognized headquarters in Philadelphia.

Violets. Our growers produce splendid single, also fine Marie Louise, from the Hudson river and Lady Campbell violets.

Tulips. Yellow and white, also some fine pink. (N. B. Short stemmed white tulips for design work.)

Daffodils. Golden Spur is the best; large flowers, good stems and foliage; double Von Sion is coming in more freely.

Freesia. Pure white, long stems.

Wild Smilax for the decorator.

W. E. McKISSICK & BROS.
WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The first week of Lent has brought several changes in the conditions described a week ago. The heavy crop of carnations, a majority of them of splendid quality, which was then arriving, is at its height. Unusual inducements to the buyers have moved large quantities of these flowers, but there are still so many that it seems impossible to create a sufficient demand for them all, even at low prices. Most of the other flowers on the list are more plentiful than a week ago, while the demand is about the same, taking it all the way through, so that prices have receded, or better value is given, which amounts to the same thing. Beauties, white roses and Asparagus plumosus are the exceptions; these are all scarce and command good prices when obtainable; Acacia pubescens, too, is eagerly sought, the supply being shorter than the demand each day. Easter lilies are the worst feature of the list; a large supply of really fine stock is seemingly impossible to market. Freesia, double daffodils and Narcissus Von Sion are the strong features of a rather weak bulb list, with tulips lagging badly at the other end, saved only by Couronne d'Or, the always popular double orange.

St. Valentine's day brought mixed results, somewhat difficult to describe. The shipping orders, and possibly the local demand, were in excess of last season. The fact that St. Valentine's day then came during the pre-lenten rush and now preceding a lenten election day, made such a vast difference in the total demand that prices were lower and business seemed low by comparison. Violets, though used in large quantities, fell short of last year's prices, except on some fancy singles. Forget-me-nots were conspicuous by their absence, only one wholesale house being able to supply them. This is due to the strong feeling in the retail stores that forget-me-nots are not worth the price that must be obtained for them at St. Valentine's day, if the crop is to be grown at a profit. Sweet peas were freely used instead; red carnations, red roses, pink roses were Cupid's other gifts. The gardenia market has found its level, so to speak, and is in a much more satisfactory condition. The supply of cattleyas is about sufficient to meet the demand at good prices. Valley is dull. Paper Whites are brisk at low figures. Romans are used for design work chiefly. There are some excellent hardy ferns in the market.

The Aphine Test.

The public test of Aphine, the liquid insecticide, took place in the afternoon of Lincoln's birthday at Michell's new store, 518 Market street. A number of plants infected with green fly, mealy bug and scale were offered for treatment. These were all carefully sprayed by Mr. Ebel with a hand syringe, and the parasites on leaf and stem were destroyed without injury to the plants. This test was carefully watched by a number of growers, seedsmen, private gardeners and newspaper men, and all appeared impressed by the merits of Aphine as an insecticide.

There is another feature in the public test of Aphine that is of special interest. Through an error in the laboratory, some Aphine was sent out that was not what it should have been. This defective mixture Mr. Ebel agreed to make good at his own expense. These public tests are intended to show everyone that the makers are ready and anxious to guarantee Aphine, which they honestly believe is the best insecticide made. Mr. Ebel's frank, manly bearing won him warm friends in this city, who wish him success in his war on all insects which attack plant life.

Now—Then.

Henry F. Michell returned from the south a few days ago, to assume command of his large business interests before the opening of the season. When seen at his new store, Mr. Michell spoke of the bright prospects for spring. The shortage in peas and beans he thought was more feared than real; the high price

AGAIN OUR SPECIAL

For next week will be a box of either 500 or 1000 of our best quality Carnations, our selection as to colors, but a splendid assortment of the fancy grades.

Price, $2.00 per 100.

SPECIAL REBATE

A discount of $1.00 on every 500 Carnations if this ad. is mentioned when ordering.



Acacia.....$2.50 per bunch
Single Daffodils (Emperor), fine large flowers, $4.00 per 100; $30.00 per 1000.
Pussy Willow.....$6.00 per doz. bunche
Special price in quantity.
Sweet Peas, extra long.....$1.00 per 100
Sweet Peas, long and medium.....50c and 75c per 100
White Lilac.....$1.00 and $1 25 per bunch
Paper Whites and Romans.....$2 00 and $3.00 per 100
Valley.....special, $4 00; extra, $3.00; No. 1, 2.00 per 100
Freesia.....special, 3.00; extra, 2.00; No. 1, 1.50 per 100
Easter Lilies.....$1.80 per doz.; 12.50 per 100

P M QUALITY

Daisies (white).....$2.00 per 100
Daisies (yellow)..... 3.00 per 100
Mignonette, splendid spikes.....$3 00 and 4 00 per 100
Gardenias.....special, $4.00; fancy, $3.00; 1st, $2.00
Cypripediums.....$15 00 per 100
Cattleyas.....$7.50 per doz.
Double Violets (Lady Campbell)..... 7.50 per 1000
Single Violets (Princess of Wales and California), $5.00 per 1000.
2 **Killarneys, Maryland and Richmond**, special, $15.00; fancy, $12.00; extra, $10.00; 1st, $8.00; 2nd, $5.00.

RIBBONS. Some of the choicest novelties, exclusive patterns, an endless variety to choose from. **SUPPLIES OF ALL KINDS.**

——CATALOGUE ON REQUEST——

Open 7 a. m., close 6 p. m. Not open for business on Sundays Not responsible for flowers after delivery to express company

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street :: :: PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write

of seeds that are scarce cuts down some orders and diverts others to something else, equalizing supply and demand. Mr. Michell said that his new store was so popular with some of his best customers—professional and business men who disliked the crowds of small buyers who made waiting one's turn necessary at the old store—that retaining both was being seriously considered. This is a surprise, as it was understood that the entire business would be transferred to the new store next fall. Decision will be made later.

Mr. Michell said the new greenhouses and trial grounds at Torresdale were ready. The greenhouse will be used for testing the germinating qualities of all their seeds, the grounds for testing their truthfulness to name and their quality.

Twenty years ago Henry F. Michell opened a seed store where another had failed. He began by disposing of all the old stock and replacing it with new, increasing his business little by little. Today his house is known and respected all over the land.

Various Notes.

Berger Bros. made special arrangements to get some of their fancy stock in early for St. Valentine's day, an effort that was appreciated by the buyers.

Philip Freud, of the Henry F. Michell Co. says that the orders for cold storage giganteum lilies, to be delivered at stated intervals from now until next fall, have already reached 120,000.

Charles M. Keegan has closed his store at Thirteenth and Sansom streets unexpectedly. The street believes that he is doing some decorative work at Palm Beach, Fla.

To Frank Gaul and Carmen Dengler: Achilles was vulnerable in the heel, Phil in spelling.

Business has been booming in West

The Florists' Supply House of America

NEW POT BASKETS

A pleasing novelty of great merit. These baskets are made to fit any size pot from five to twelve inches. They have tall handles, some round, some square, and come in a half dozen different colors. The material is straw braid. They will display a specimen flowering plant or fern to advantage.

IMPERIAL CHINAWARE

Is sure to be one of the most popular of Easter offerings, either as individual vases for gifts or favors or to decorate dinner tables in water-ways of any shape desired.

CREPE PAPERS

Water-proof and accordion pleated in all the flower colors. Our factory is at your command should you require anything made to order.

FANCY BASKETS

Many new and beautiful creations and all the standard varieties for Easter.

A fresh lot of Sea Moss just arrived **Send for our illustrated Catalogue**

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

Philadelphia, thanks probably to lively competition. Miss E. Fletcher, Forty-first and Baltimore avenue, has been extremely busy with work requiring many fine flowers.

Sydney Bayersdorfer has returned to his father's place of business after a trip, which, to judge from his cheerful expression, must have brought many orders to his house. A cute little high hat, just the right size to contain a tiny shamrock when inverted, is a pleasing chip-braid novelty for St. Patrick's day dinners.

Mrs. E. A. Williams, of Pittsburg, was here a few days ago.

August Doemling, of Lansdowne, Pa., will add two houses, each 21x200 feet, to his range. The contract has been awarded to the Lord & Burnham Co., through D. T. Connor.

Cyclamens were the feature of the Pennsylvania Horticultural Society's meeting, February 15, in Horticultural hall. There was a discussion of their culture and competition for the prizes offered by the Moore Seed Co.

Alfred Burton, of Wyndmoor, Pa., has been cutting a good crop of fancy Beauties.

William A. Leonard, of Lansdowne, Pa., intends adding two houses, 28x300 feet each. PHIL.

BERGER BROTHERS

WHOLESALE FLORISTS

1305 Filbert Street, Philadelphia, Pa.

TULIPS—VALLEY—DAFFS

Quality—Quantity—Variety

We have a splendid assortment of all varieties of spring flowers and plenty of them; quality is good, prices reasonable. Your order will receive our prompt and careful attention, you can depend on that. Other specialties now in fine condition are

VIOLETS AND EASTER LILIES

Don't forget that we will always be glad to see you at thirteen five Filbert It is handy to either station, the latch-string is out and a hearty handshake waiting for you.

Mention The Review when you write.

NEW YORK.

The Market.

The cut flower market last week was demoralized. Prices slid down to the lowest of the year to date. After all, Lent seemed to demonstrate its importance and has to be reckoned with. Its first week saw the cutting of values nearly in half, as compared with last week's quotations, and one year ago prices were double, with carnations three or even four times as high as the figures generally asked on Saturday. This condition prevailed on the evening of St. Valentine's day, and while there will be a clearing of the supplies this week, there is no apparent hope, for a time, of any better prices.

American Beauties fell to 35 cents for the selected stock last week and few even touched the high mark when sold in quantity. There is a tremendous supply of the lower grades of roses of all kinds, except Richmond and My Maryland. These maintain their good standing, but Killarneys are arriving in squadrons and in price are on a par with Maids. One wholesaler whose forecasts are usually accurate says that Bridesmaid next year will lead Killarney in price, so universal is the growing of the Irish rose.

Carnations, even the best of them, in thousand and five thousand lots sold Saturday as low as $10 per thousand, while the day-old surplus was disposed of at half that figure, one Brooklyn speculator absorbing 20,000 of them. The weather has been too cold for the street men, so this outlet was practically closed for several days. There was little, even of the novelties, bringing over $2 per hundred. Orchids and gardenias have not changed from the prices of a week ago. Cypripediums are about through and their growing this year has been unprofitable. Valley and lilies are abundant and prices lower. Bulbous stock is much in evidence and there is a slow demand for it, tulips especially. Narcissus sells better and is used by many retailers in their window decorations, with forsythia and other harbingers of an early spring. Freesia is away down, the common varieties going as low as $3 per hundred bunches. Sweet peas also must be long-stemmed and of modern variety to pay their growers. There are plenty of violets, even the hundred specials not exceeding 60 cents. From 50 cents down would seem to be a standard quotation until Easter, now only six weeks away.

Club Meeting.

Carnation and ladies' night combined proved to be a great drawing card Feb



Michell's Reliable Flower Seeds

ASTERS

IMPROVED SEMPLE'S BRANCHING

(Michell)	Tr. pkt.	Oz.
Lavender	$0.40	$1.50
Rose Pink	.40	1.50
Shell Pink	.40	1.50
Purple	.40	1.50
Crimson	.40	1.50
White	.40	1.50
Mixed	.40	1.50
INVINCIBLE		
Blue	.30	1.50
Crimson	.30	1.50
Lavender	.30	1.50
Rose Pink	.30	1.50
White	.30	1.50
Mixed	.30	1.25
QUEEN OF THE MARKET (Extra Early)		
Dark Blue	.20	.60
Light Blue	.20	.60
Crimson	.20	.60
Rose Pink	.20	.60
Blush Pink	.20	.60
White	.20	.60
Mixed	.20	.60
EARLY WONDER Extra Early		
Pink	.40	2.00
White	.40	2.00
DAYBREAK		
Pink	.30	2.00
PURITY (Michell's)		
Giant White	.30	2.00

	Tr. pkt.	Oz.
AGERATUM		
Blue Perfection	$0.15	$0.40
ALYSSUM		
Little Gem	.10	.30
CANDYTUFT		
Giant Empress (Michell's)	.15	.35
CENTAUREA		
Candidissima	.30	.75
Gymnocarpa	.15	.40
Cyanus, Double Blue	.15	.75
COBAEA SCANDENS		
Purple	.10	.35
DRACAENA		
Indivisa	.10	.30
IPOMOEA NOCTIFLORA		
Moon Flower	.15	.50
LOBELIA		
Crystal Palace Compacta	.30	1.00
Crystal Palace Speciosa	.20	.50
PETUNIA		
California Giants	.50	
Grandiflora Fringed	.50	
Double Fringed	1000 seeds, $1.50	
SALVIA		
Bonfire	.40	2.25
Splendens	.25	1.25
SOLANUM		
Capsicastrum	.10	.25
SMILAX		
(Per ¼ lb., $1.00)	.10	.30

For complete list of Flower Seeds see our General Wholesale Price List. If you haven't a copy send for one.

HENRY F. MICHELL CO.

Seed Growers and Merchants

Market St. above 10th St., Philadelphia, Pa.

Mention The Review when you write.

GREEN

Ribbons and Chiffons

FOR MARCH 17th

Pine Tree Qualities are rich toned lustrous ribbons, entirely different in effect than ribbons usually offered at equal prices

Sample swatches will prove value

A postal brings them

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

Mention The Review when you write.

nuary 14. Chairman Sheridan reported for the dinner committee and after consultation with representatives of the Horticultural Society of New York and the American Rose Society, it was decided to invite the American Rose Society to the annual banquet March 17 and that any deficit be made good from the club's exchequer. Messrs. Rutherford, Masur and Kuebler were elected members of the club and Maurice I. Jacobs sent in his resignation. The lecture on "Carnations Past and Present," by W. H. Taplin, was interesting and appears in this issue. An interesting discussion followed, in which Mr. Scott, John Birnie and Mr. Taplin participated. A committee to draft resolutions on the death of the father of C. W. Scott was appointed as follows: J. H. Pepper, A. J. Guttman and L. Schmutz, Jr.

The entertainment committee, J. B. Nugent chairman, supplied an excellent program, literary and musical.

The competition for prizes was keen and the exhibit filled the whole center of the big room. The first prize for the best exhibit went to the Cottage Gardens Co. for Alma Ward and Mrs. C. W. Ward; second prize to Joseph Heacock for Dorothy Gordon; third prize to Cottage Gardens Co. for Alma Ward. The other exhibitors were: Nic Zweifel, Milwaukee, Wis., with Bright Spot; Wood Bros., of Fishkill, with Variegated Lawson, Beacon, White Enchantress, Lady Bountiful, Crimson Beauty and Kingston Pet; John F. Marsden, of Far Rockaway, N. Y., with Enchantress and White Perfection; the Fillow Flower Co., of Westport, Conn., with Juanita; A. N. Pierson, with Pink Delight and Sangamo; A. Demeusy, with White Enchantress; Henry Eichholz, with Prince Charming; White Bros., of Gasport, N. Y., with Pink Delight and Winsor; C. Weber and Robert Wilson, with their pink seedling, Brooklyn; S. J. Reuter, with Sangamo; vase of carnations of many varieties from Henshaw & Fenrich, and a valentine bouquet from Young & Nugent. Cultural and preliminary certificates and votes of thanks were liberally dispensed to all. Prince Charming scored 86 points.

New Jersey Floricultural Society.

The annual reception and smoker of the New Jersey Floricultural Society, the mother of the Jersey societies, took place Friday evening, February 11. Notwithstanding the blizzard, fifty enthusiasts celebrated. The new officers are: President, Albert F. Larson; vice-president, D. Kindsgrab; secretary, William Reid; treasurer, Walter Gray.

Among the visitors were: C. H. Totty, M. C. Ebel, Mr. Ragan, Mr. Tricker and the Schultz brothers, of

WE WILL TAKE CARE OF YOUR ORDERS

EVERY ORDER

Supply more plentiful; quality good. No matter what your requirements may be, you will find that we can take care of them. Should you be in the market for anything not listed here let us know what it is and if it can be had we will get it for you.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

	Per doz.
BEAUTIES	
30 to 36-inch	$3.00 to $5.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00
ROSES (Teas)	**Per 100**
Bride and Maid	$6.00 to $10.00
Richmond, Killarney	6.00 to 12.00
White Killarney	6.00 to 12.00
My Maryland	6.00 to 12.00
Perle	5.00 to 8.00
Roses, our selection	4.00
CARNATIONS, medium	2.00
" fancy	3.00
MISCELLANEOUS	
Harrisii Lilies	12.00 to 15.00
Callas	15.00
Valley	3.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00
Romans	3.00
Jonquils	3.00 to 4.00
Mignonette	4.00 to 8.00
Sweet Peas	.75 to 1.00
GREENS	
Smilax Strings, per doz.,	1.50 to 2.00
Asparagus Strings, each,	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35 to .50
Adiantum, per 100,	.75 to 1.00
Ferns, Common, per 1000,	2.00
Galax, "	1.00
Leucothoe	.75
Boxwood, lb., 25c	
Wild Smilax	$2.50, $3.50 and 4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

Madison, N. J.; W. J. Stewart, of Boston; Mr. McArdle, A. F. Faulkner, J. Austin Shaw and Mr. Secker, of New York. C. H. Totty, William Duckham and W. J. Stewart were the judges of exhibits. G. W. Strange was in charge of the Lager & Hurrell show of orchids. Local entertainers supplied interesting songs, stories and dancing. The smoker was embellished with sandwiches and assorted liquid refreshments.

The treasurer's report showed a balance of over $300. The society has eighty-four members and holds ten regular meetings yearly. Last year it distributed 157 awards, thirty-seven first-class certificates, forty-three cultural certificates, sixteen preliminary certificates and fourteen votes of thanks to exhibitors.

Cultural certificates and honorable mention were awarded the exhibitors of the evening. There were orchid plants and cut blooms from Lager & Hurrell, including phalænopsis, dendrobiums, cattleyas, lælias, and odontoglossums of the best varieties. Richmond, Bride and Maid from Thomas Edison, Frank Drew gardener; Enchantress and White Perfection from G. M. Colgate, William Reid, gardener; Rob Roy, Enchantress, Rose-pink Enchantress and plants of cinerarias, Dutch hyacinths and Golden Spur narcissi from Max Snyder, Charles Hathaway gardener, and a new seedling amaryllis (hippeastrum), from C. H. Totty, of Madison, were some of the others. All the exhibits were superb in quality, some of the carnations being four inches in diameter.

The Rev. Dr. Lighttype, a member of the society, and an expert botanist, made the address of welcome. The event of the evening was the presentation of an immense silver loving cup to Malcolm MacRorie, the retiring president, the eloquent George Smith, of East Orange, doing the honors in a speech of rare eloquence. The gift was a surprise to the popular recipient, who made a splendid reply of appreciation and good advice.

The festivities lasted nearly until midnight and interest did not lessen until the close. Orange has ended the annals of this section, in horticultural reunions of the winter, in a blaze of glory.

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12.50
36x14x10	16.50
36x10x6	9.00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more.

CLIMAX MANUFACTURING CO.
Box No. 200, CASTORLAND, N. Y.
New York Office: 20 E. 42nd Street

The Elberon Dinner.

February 7, at Deal Beach, the second annual dinner of the Elberon Horticultural Society was given at the Deal Country Club. Notwithstanding the zero weather, sixty or more were in attendance. The affair was a great success. The tables were handsomely decorated with roses, carnations and flowering plants, furnished by Anton Bauer, Peter Murray, Peter Ewen, James Kennedy and Joseph A. Manda. The menu was excellent. The toasts were:

"The Elberon Society," by President Murray.
"Kindred Societies," by William Dowlin.
"The Morris County Gardeners' Society," by C. H. Totty and Robert Schultz.
"Ancient Horticulture," by Father Campbell.
"Civic Progress," by Mr. Hogenkalp.
"The Horticultural Press," by J. A. Shaw.
Brief addresses on various themes, by J. A.

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

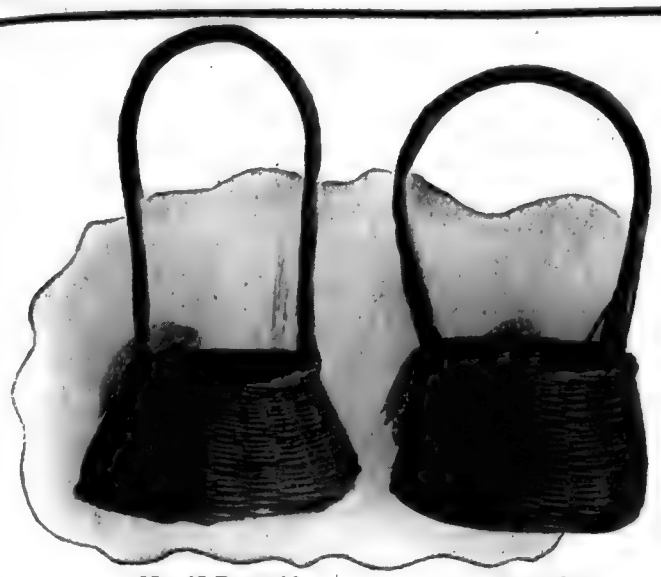
PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
36-inch stems	5.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride, fancy	$8.00 to $12.00
" good	6.00
Bridesmaid, fancy	8.00 to 10.00
" good	5.00 to 6.00
Killarney, extra fancy	12.00
" fancy	8.00 to 10.00
" good	5.00 to 6.00
White Killarney, fancy	10.00 to 12.00
" " good	6.00 to 8.00
Mrs. Jardine, extra fancy	12.00
" fancy	8.00 to 10.00
" good	6.00
Richmond, extra fancy	10.00
" fancy	8.00
" good	5.00 to 6.00
Uncle John, fancy	8.00 to 10.00
" good	5.00 to 6.00
Perle	10.00
Roses, our selection	6.00
CARNATIONS, fancy	3.00
" good	2.00
Valley	4.00 to 5.00
Adiantum	1.00
Easter Lilies ... per doz.,	$2.00
Sprengeri, bunch,	$0.50 to 0.75
Ferns .... per 1000,	2.00
Galax .... "	1.00 to 1.50

All other stock at lowest market rates.
No charge for packing.
Prices subject to change without notice.

Mention The Review when you write.



No. 95 Pyramid No. 98 Azalea

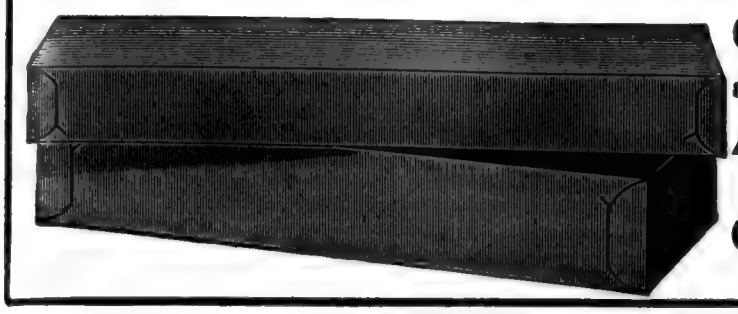
Florists' Baskets

Our baskets help make business for you. We manufacture nothing but baskets, over two hundred styles. The demand for funeral baskets is growing and to get the orders you must have the baskets.

Order now. Any that do not please you may return.
Send for Illustrated Catalogue.

Madison Basketcraft Co.
MADISON, OHIO

Mention The Review when you wr



Cut Flower and Design Boxes
All sizes, lowest prices
Write
C. C. POLLWORTH CO.
MILWAUKEE

Mention The Review when you write

THE HOME OF
HIGH-GRADE, WATERPROOF
Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. **Our prices are attractive; our deliveries are prompt; our stock is the best.**
Samples and prices sent on application.

A. A. ARNOLD
16-22 S. Peoria Street, CHICAGO, ILL.

Mention The Review when you write.



Krick's Florist Novelties

Manufacturer and patentee of the **Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands,** and the **Original Genuine Immortelle Letters, Etc.** (every letter marked). Send for price lists. Sample pair of Pot Handles 10c postpaid. **Just the thing for plant growers; will sustain a weight of 100 lbs.**

1164-1166 Greene Ave., BROOKLYN, N. Y.



Mention The Review when you write.

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4⅛x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	8⅛x5x30	8.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.
COLUMBUS, OHIO



Manda, W. A. Sperling, R. H. Rutherford and the Burnett brothers.

About every member of the club was called on for song or story and the festivities lasted until 4 o'clock in the morning.

Various Notes.

Between explosions, fires and auto accidents the wholesale section has had its share of late. Mr. Hunter, of J. H. Small & Sons, is convalescing and his friends are congratulating him on his narrow escape. Charles Loechner is still nursing his broken leg at the Norwegian hospital in Brooklyn, but hopes to be out by May. The explosion between Traendly & Schenck's and A. J. Guttman's gave several in the trade a close shave, and the fire in the basement of Young & Nugent's damaged the place considerably and gave the firemen an excuse for breaking in the doors of James McManus' orchid headquarters and the entrance of Traendly & Schenck's daily market.

The Greek Retail Association gave its American confreres a reception and dinner last week that totaled an expenditure by the society of over $500. These children of Mars Hill and ancient Athens never do things by halves. Their annual ball brought together over 2,000 people.

Among the green goods men, who have all had an excellent season, J. J. Fellouris reports a big stock of galax in cold storage and shipments in any quantity ready for his big country patronage.

George Edmondson, of Burnett Bros., was a visitor at the Elberon dinner last week. All the seedsmen's travelers report an exceptionally good spring business.

Elwood Brant, of the Brant, Hentz Co., of Madison, and brother of the local partner of the Brant Bros., at Utica, N. Y., was in the city Saturday, February 12. The output of the Brant, Hentz Co. is handled exclusively by Moore, Hentz & Nash, of the Coogan building.

W. J. Elliott says his first plant sale of the year will be March 15, just two days before the Florists' Club's annual dinner. Mr. Elliott was chairman of last year's dinner committee, the club's first big success in many years as to crowd and enthusiasm, nearly 200 attending, including for the first time the ladies. Mr. Elliott "did time" last week in jury duty, a rather unremunerative experience for a man who has auctioned $5,000 worth of plants in a day.

C. H. Totty, of Madison, has grown eloquent at all the dinners of the horticultural societies this year over the big Morristown show this fall, an advance agent of the floricultural prosperity, including $3,000 in premiums for the fortunate exhibitors.

Mr. and Mrs. W. G. Saltford, of Poughkeepsie, have been in the city for a week, the guests of Mr. Saltford's brother, the wholesale florist of 43 West Twenty-eighth street.

Lager & Hurrell have a plant worth a trip to Summit, N. J., to behold—a Cattleya Trianæ two and one-half feet in diameter, carrying over fifty perfect blooms.

Julius Roehrs, Sr., of Rutherford, is enjoying a southern trip away from blizzards and zero, in the balmy climate of Trinidad and South America.

W. L. Rock, of Kansas City, one of the bon ton florists of the prosperous west, enjoyed a happy visit in New York last week and returned full of ideas and enterprises that will bear fruit in Easter decorative conceptions there.

Mr. Brown, of the Belnord, is enjoying a week's rest with retailers up the

GREEN CARNATIONS

DON'T Be Fooled Again Buy from The Originator not the Imitator

FOR ST. PATRICK'S DAY. I send you postpaid to any address, enough pulverized coloring to make one quart of the strongest liquid dye for $1.00; enough for one gallon, $3.50. I guarantee my goods to be the coloring and does the work satisfactorily.

ORDER NOW Directions with each box

FRED GEAR (Originator of Green Flowers)

FREE SAMPLES

1113 VINE STREET, CINCINNATI, OHIO

Mention The Review when you write.

Green Carnations

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per doz. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Hudson. The new store is a success. The Hoffmeir Flower Shop, across the way, is handsomely fitted up and doing a big business in dinner decorations. Mrs. Hoffmeir has charge of the office. The Forster-Mansfield Mfg. Co. has some unique decorative novelty work there, including the ice-box and window arches.

Mengham & Westwood are already nicely settled in their new store at Broadway and Eighty-fifth street and are well pleased with the change from noisy Columbus avenue.

The Smart Set Floral Co. has a beautifully lighted store and is doing an excellent business. Saturday, February 12, they had a funeral order amounting to over $800, including twelve large pieces and a pall of valley and orchids.

M. A. Bowe had his greatest wedding decoration of the season last week, which the city papers described in detail. It was a carte blanche affair.

H. E. Froment's Killarney is running full time. That enormous house of L. B. Coddington's, at Summit, N. J., grows enough of them to provide a boutonniere daily for every Irishman in New York, including the policemen.

The Kervan Co. and B. Rosens handle great quantities of wild smilax weekly. Business has been excellent with all the green goods men.

Kessler Bros., the plantsmen, laid in a fine stock of blooming plants for Valentine's day and were about cleaned out Saturday evening. Their loaning of palms to the florists in the big city without greenhouse conveniences has become their specialty. They also have a unique exhibit of armadillo baskets on sale.

Bowling.

Bowling continues weekly at Astoria and Flatbush. New York will get together a representation of some kind after Easter to make its debut at Rochester in August.

Flatbush and Astoria had a dinner together and bowled a match game Thursday, February 10. Either of these teams can beat New York's score at Pittsburg. At Astoria Tuesday, February 8, the scores were:

Player.	1st	2d	3d
Donaldson	185	178	173
Doerhofer	150	144	161
Siebrecht, Sr.	134	184	172
Peter	151	146	150
Lorenz	128	140	146
Siebrecht, Jr.	132	175	141
Arnold	148	135	128
Kinsman	139	164	145

Every Tuesday evening Astoria bowls and a warm welcome is always on tap there.

J. Austin Shaw.

THE KERVAN CO.

113 W. 28th St., NEW YORK

WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmette and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

Mention The Review when you write.



FERNS, GALAX, Etc.



	Per 1000
Fancy or Dagger Ferns	$1.00
Galax, Green or Bronze	.50
Long Green Leucothoe	2.00
Short " "	1.25
Bronze " "	3.00

Prompt service, quality guaranteed

THE MOUNTAIN FERN CO., Butler, Tenn.

Mention The Review when you write.

Galax, Ferns, Leucothoe, Midway Evergreens

	Per 1000
Galax, bronze	$0.40
Ferns, Dagger	.70
Leucothoe, bronze, green	2.00

Green Sheet Moss, 50 lbs., $1.50

First-class Greens. Cash with Order.

F. O. B. **GRANT PRESNELL, Del Rio, Tenn.**

Mention The Review when you write.

DENVER.

The Market.

The weather has been fair and trade good, especially preceding Lent. There is a scarcity of stock and flowers of all kinds are bringing good prices. Roses have been particularly scarce and orders for these have to be placed in advance, as everything in this line is bought up as soon as it reaches the wholesale house. Carnations are in about the same state, for supply is hardly equal to the demand. American Beauty also is shy and violets have been scarce, but the increased sunlight of the last week is having its effect. Bulbous stock is coming in, but hardly at its best, daffodils and tulips being the most plentiful. All kinds of green goods have been and are scarce, especially smilax and plumosus.

Various Notes.

A well-attended meeting of the Colorado Florists' Club was held at T. M. A. hall February 10. An interesting paper was read by Lyle C. Waterbury, on perennials, which created quite a little discussion. After the business meeting a fine lunch was served.

The entertainment consisted of music, speeches and a five-round boxing match between William Wilmore and Bert Falconer—it proved a good one, but under the laws of the club no decision was rendered by the referee, A. H. Bush.

Mrs. Benson, wife of N. A. Benson, died February 7 at the family residence, 1306 South Sherman street, the funeral being held February 9, at Horan's chapel, with interment at Fairmount. The funeral car was entirely filled with flowers and floral designs, showing the respect in which the deceased was held

Emerald Green Carnation Fluid

For St. Patrick's Day Green Carnations Use

AJAX FLOWER DYE

The only Dye on the market that will color a beautiful **Emerald Green** and still allow the flower to retain its natural appearance. Money refunded if not satisfactory. Complete instructions free.

Per quart, by express, $1.00.

WINTERSON'S SEED STORE

45-47-49 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

Moss, Laurel, Seed

Green Sheet or **Log Moss,** large pieces, $1.25 bbl.
Laurel Branches for decorating, 2x2x4 ft. case, $2.50 case.
Laurel Stems for roping, large bag, $1.00.
Stone Tomato Seed, 50 cts. pound.
Satisfaction guaranteed.

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.

...HERE YOU ARE...

TONE

TRADE MARK GSB

CLASS

St. Patrick Green

(The Only True Irish—Grass—Color)

DARK GREEN (The color beautiful)

You have never **seen** a Carnation **Green** unless **you** have used **our** brand. Our coloring is not a **joke,** but is getting the business. It is scientifically prepared and sold under a **guarantee.** Used by the leading florists and dealers throughout the United States and Canada. Sent postpaid on receipt of price, $1.00 the quart. Order your supply **now** for St. Patrick's day.

We make a **Yellow, Blue, American Beauty, Orange** and **Lavender.** All colors $1.00 the quart, except Blue, which is $1.25, postpaid.

Sample of all colors FREE for the asking.

Burton-Allison Company

84 ADAMS STREET

CHICAGO, ILL., (Formerly St. Louis) **U. S. A.**

P. S. Our **CUT FLOWER PRESERVER** is used by leading florists. It retains the natural **LIFE** and **BEAUTY** of cut flowers from 3 to 5 days longer than is possible without its use. Price, $12.00 the dozen quarts; sufficient quantity for 1200 gallons of water.

Mention The Review when you write.

CYACEINE FLOWER COLORING

Is simply mixed with water and absorbed through the stem, showing in the flower in fifteen or twenty minutes. It **COLORS** and **PRESERVES** and **IS NOT POISONOUS** to anyone who might hold a flower in their mouth.

Any of the following colors by mail **20c per quart** St. Patrick Green, Pink, Orange, Blue, Yellow, American Beauty

Whenever you want to color flowers look up my classified advertisement in the Review. It's there every week in the year under the head "Flower Coloring."

Remit with order—cash or stamps—I prepay postage. **Orders promptly filled.**

C. R. CRANSTON, 73 Fifield Avenue, Providence, R. I.

by her friends and acquaintances. Nearly all of the trade were in attendance, over 100 being present.

J. A. Valentine and E. Glauber have returned from the carnation convention and speak highly of the meeting as well as the hospitality of the Pittsburg florists. E. S. K.

PROVIDENCE.

The Market.

Business has dropped off noticeably during the last week, Ash Wednesday marking a perceptible decline, and it is evident that from now on, for a time at least, the lenten season is going to make itself felt in the flower trade. There are, however, a number of large social functions in sight following Easter.

While the retailers are now having a respite from the drive and hustle that they have been put to since Christmas, the growers are now bending their efforts for Eastertide and some good showings are promised. There is an ample supply of all kinds of regular stock and all in good quality. There is a slight easing off in prices on a majority of the supply.

Newport Horticultural Society.

The plan of having several papers by as many different members proved a decided success at the meeting of the Newport Horticultural Society, February 8. It drew out one of the largest crowds seen at a regular meeting for a long time and furnished a program that was most interesting and instructive. An attempt will be made to arrange similar discussions for every meeting. The evening topic was "Horticultural Exhibitions" and five papers had been written on as many phases of the subject.

President James Robertson opened the discussion by a paper on "Utility and Missions," in which he gave a thorough discussion of the matter and pointed out the beneficial results that follow a well put up and meritorious exhibition, to all concerned, grower, retailer and the public. John P. Hammond was the second speaker, his paper being entitled "Preparing for the Exhibition." He pointed out the great care and attention necessary in connection with the initial steps for the exhibition and referred to some of the ridiculous results that ofttimes attend these shows. "Staging and Arranging of Exhibits" was the subject of Bruce Butterton's paper and this was rich in suggestions as to changes and additions that might be made to the advantage of the exhibitions, and it is probable that several of them will be adopted by the society in its next appearance. "Judging" was the title of a paper read by Richard Gardiner and his long experience thoroughly qualified him for his task. He drew attention to the importance attached to the careful, conscientious and intelligent judging of the exhibits, stating that the value of the awards was not so much in the possible prize given by the society for the exhibition as in the relative merit of standing that was attained. John Forbes's paper on "How to Secure the Attendance of the

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, Detroit, Mich.



Mention The Review when you write.

Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

Mention The Review when you write

Southern Wild Smilax Ferns, Pines, Palms, Holly
Louisville Floral Co., Louisville, Ala.


FANCY


DAGGER

New Crop Hardy Cut Ferns

First Quality. Write for Prices

ALSO DEALERS IN

....BALED SPRUCE FOR CEMETERY USE....

BOUQUET GREEN, SPHAGNUM MOSS, Etc.

L. B. Bragues & Son, Oldest, Largest and Most Reliable Dealers in the United States **Hinsdale, Mass.**

Mention The Review when you write.

Public at the Exhibitions," was also replete with suggestions, many being unique and daring, while others appealed directly to the members, and a trial will be given some of them at an early date.

After the reading of the papers the society took up the general discussion of the subject and many good thoughts were exchanged. The entertainment and social committee served a lunch and a good time was enjoyed.

Various Notes.

Eugene Appleton, of William Appleton & Sons, Providence, has returned from his honeymoon trip.

O. H. Williams has been on the sick list the last week, suffering from an attack of the grip.

Talk of establishing a flower market is again heard around town. This subject bobs up periodically and then dies as it began. Meanwhile the growers go about from store to store or dispose of their stock by telephone.

Eugene McCarron reports an unusually busy time since the first of the year. "No boom, but just a good, steady, hustling trade," he says.

Henry Clegg, gardener for R. I. Gammell, this city, reports to the police the theft of considerable copper pipe from the premises recently.

J. Kopelman & Co. have taken several rooms on the second floor of the building occupied by the firm at 23 Washington street, for the handling of supplies.

M. Macnair has a neat, attractive and appropriate window—an immense heart of red immortelles through which a silver arrow was stuck. It was a good valentine window.

William B. Hazard reports an excellent business since he opened his new store on Mathewson street.

A final meeting of the creditors of M. Butler & Sons, of Newport, was recently held, at which the trustee's account was allowed and the trustee discharged.

W. H. M.

Galax, Leucothoe, Ferns, Etc.



Brilliant **Bronze Galax**.....50c per 1000; $4.00 per case of 10,000
Green Galax.....50c per 1000; 4.50 per case of 10,000
Leucothoe, green, standard length.....$2.50 per 1000
" " short beauties..... 1.25 per 1000
" bronze, good length..... 4.00 per 1000
Dagger and Fancy Ferns.....$1.25 per 1000; $5.00 per case of 5000



We can just simply fill your orders and fill them now. Quality always guaranteed.

T. J. RAY & CO., Elk Park, N. C.

Mention The Review when you write.

WILD SMILAX

Case or carload lots. Get my prices; it will save you money.

WM. MURPHY, 311 Main Street, **CINCINNATI, OHIO**

Mention The Review when you write.

Southern Wild Smilax

Gathered **for you** any day.
October 1 to Easter.
To the **Florist Trade** only.

R. M. WOMACK, Wills Point, Tex.

Mention The Review when you write.

FERNS NEW CROP FRESH FROM THE PATCH

Fancy and Dagger Ferns, $1.00 per 1000.
Bronze and Green Galax, 50c per 1000.
Green Leucothoe Sprays, $2.50 per 1000.
Bronze Leucothoe Sprays, $4.00 per 1000.
Short Leucothoe, 12 to 16 in., $1.25 per 1000.

Discount on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Always mention the Florists' Review when writing advertisers.

Pittsburg Florists' Exchange

Wholesale Cut Flowers

Everything Seasonable


Bronze and Green Galax

Headquarters for Ferns, Galax, Leucothoe and Wild Smilax, and carry a large supply of the best on hand at all times. We quote the following interesting prices on small or large quantities.

Ferns, fancy and dagger, $1.25 per 1000.
Galax, green and bronze, 65c per 1000.
Leucothoe, green and bronze, 65c per 100.
Wild Smilax, large cases, $4.50 per case.


Fancy and Dagger Ferns

15 Diamond Square, Pittsburg, Pa.

Always mention the Florists' Review when writing advertisers.

Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50

Boxwood
Per bunch....25c Per case of 50 lbs... 6.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$6.00

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.00

Wild Smilax
Per 25 lb. case..$3.00 Per 50 lb. case.. 5.00

WRITE ME FOR SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Street, Cincinnati, Ohio

Mention The Review when you write

Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

Mention The Review when you write.

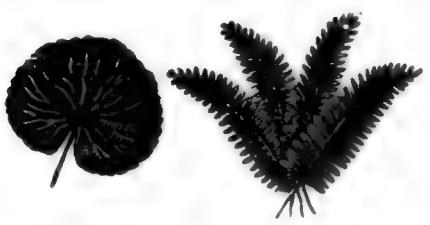
WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

Galax, green.....$0.50 per 1000
Galax, bronze..... .50 "
Ferns, dagger and fancy..... 1.00 "
Green Leucothoe Sprays, regular lengths..... 2.00 "
Green Leucothoe Sprays, 10 to 15 inches..... 1.00 "
Bronze Leucothoe, regular lengths..... 2.75 "
Bronze Leucothoe, 10 to 15 in... 1.50 "

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

NORTH CAROLINA EVERGREEN CO.
BANNERS ELK, N. C.



GALAX LEAVES. DAGGER FERNS.

Dagger Ferns or Fancy Galax Leaves, bronze or green; all A-1 stock guaranteed. Can also send samples. Once tried you will always use our stock. **A. L. FORTUNES**
70 Liberty Street, Brooklyn, N. Y.

Perpetuated and Natural Sheet Mosses
Southern Wild Smilax
E. A. BEAVEN, Evergreen, Ala.

HENRY M. ROBINSON & CO.



WHOLESALE COMMISSION FLORISTS
CUT FLOWERS OF ALL KINDS
Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.



15 Province St., and 9 Chapman Place, **BOSTON, MASS**

Mention The Review when you write.

J. H. VON CANON & COMPANY

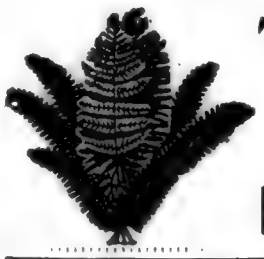


Evergreens Fresh From The Woods
Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, $1.00 per 1000; 4.00 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss



All orders filled promptly. **BANNERS ELK, N.C.**

Mention The Review when you write.



The best Fancy Ferns in the Market

$1.25 per 1000. If they are not first-class on receipt, don't pay for them.

ROBERT GROVES, 127 Commercial St., Adams, Mass.

Ouray, Colo.—Myra Eggleston, who conducted the Ouray Greenhouse, has retired from the business and the place has been closed.

Westfield, Mass.—Nicholas Bros., who have a range of greenhouses and a prosperous business at 1 Dennis street, recently opened a branch store at 14 School street. John A. Nicholas makes his headquarters at this branch store, while the business at the greenhouses is attended to by his brother, James H. Nicholas. Both these young men are natives of Westfield. The business was founded by their father six years ago, but has now been taken over by the sons, who have already become well established in the trade. They make a specialty of carnations.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By landscape engineer, German; thoroughly experienced surveyor and draftsman; landscape plans carried out. Address No. **183**, care Florists' Review, Chicago.

SITUATION WANTED—As store man who understands the retail florists' business; sober and reliable; age 24; 4 years' experience; wages reasonable. Address No. **218**, care Florists' Review, Chicago.

SITUATION WANTED—By March 1 or later, by experienced greenhouseman on private or commercial place; ambitious and sober; good references. Address No. **226**, care Florists' Review, Chicago.

SITUATION WANTED—Young married man, 24 years old. A1 carnation and rose grower, propagator and designer, can take charge of small place; life experience; best of reference. Address No. **227**, care Florists' Review, Chicago.

SITUATION WANTED—By first-class grower of cut flowers and pot plants, also good propagator, a foreman or grower in charge; 30 years' of age; best of references. Address P. Peters, care of H. Halverson; 3626 Lombard Avenue, Everett, Wash.

SITUATION WANTED—German florist single, age 25, experienced in greenhouse and landscape work, steady willing worker, wishes position on commercial or private place with chance for advancement; state particulars in first letter. Address No. **219**, care Florists' Review, Chicago.

SITUATION WANTED—By a practical grower of roses, carnations, mums, and general stock; over 30 years' experience, single, capable of taking entire charge of a large plant; references O. K.; when applying state wages, etc. Address No. **231**, care Florists' Review, Chicago.

SITUATION WANTED—Competent florist and gardener seeks position as head gardener or will take charge of greenhouses on first-class private place; Swede, 31 years of age; 16 years' experience, 10 years in America; personal references. Address No. **195**, care Forists' Review, Chicago.

SITUATION WANTED—By an English head gardener, age 35, single; excellent references, twenty years' practical experience gained in leading private establishments and nurseries in Great Britain; good manager of men; full particulars. Address No. **217**, care Florists' Review, Chicago.

SITUATION WANTED—By florist of life experience; can supply references from well known firms as to sobriety and ability; six years in one position on country place; four years with large firm in the east; three years in present situation. Address No. **225**, care Florists' Review, Chicago.

SITUATION WANTED—By competent grower of roses, carnations, mums and pot plants in general, fully capable of taking charge; 15 years' experience; age 30, single; ready March 1st; best of references; please state wages and particulars in first letter. Address No. **201**, care Florists' Review, Chicago.

SITUATION WANTED—If you are on the Pacific coast and in need of an assistant gardener who is well up in nursery work and a good plantsman I should like to hear from you. Am 35 years old, of good habits and before coming to America 5 years ago, was head-gardener on an estate in Scotland. Address No. **236**, care Florists' Review, Chicago.

SITUATION WANTED—By a thoroughly competent decorator, designer and salesman; references from former employers. Address No. **209**, care Florists' Review, Chicago.

SITUATION WANTED—By florist; single; 24 years old; German; strictly sober; good grower and good hustler; can take charge of private or retail place; wages $75 a month. Address No. **175**, care Florists' Review, Chicago.

SITUATION WANTED—By middleaged single man, 26 years' experience in the growing of roses, carnations, mums, also smaller cut flowers and general line of potted plants, to take charge of a first class commercial or private place by the first of March; expect fair wages; please state full particulars in first letter. Address E. H., Florist, Dubuque, Iowa.

HELP WANTED—Married man as gardener on private place near Chicago. Address No. **171**, care Florists' Review, Chicago.

HELP WANTED—A rose grower to work under foreman; wages $14 per week. Address No. **233**, care Florists' Review, Chicago.

HELP WANTED—Carnation grower; steady employment and good wages to the right man. McKeesport Floral Co., McKeesport, Pa.

HELP WANTED—A good all-around florist, strictly sober; state ability and other particulars, also wages wanted. W. Stertzing, 7280 Manchester Ave., St. Louis, Mo.

HELP WANTED—Capable all-around greenhouse man for 5000 ft. retail place; permanent place for good man; no boozer wanted. Union City Greenhouse, Union City, Pa.

HELP WANTED — Lively man for general greenhouse work, where mixed stock is grown; near Chicago. Address, state experience and wages wanted, No. **234**, care Florists' Review, Chicago.

HELP WANTED—A first-class rose grower; must be capable of taking complete charge, and one who can produce the stock; give reference and salary. Address No. **163**, care Florists' Review, Chicago.

HELP WANTED—Experienced lady clerk for store; must be capable of making up funeral work, etc.; none but an ambitious and willing party need apply. Address Chas. Frueh & Sons, Saginaw, Mich.

HELP WANTED—Grower of bedding and potted plants for store trade; reference required; position open now; good opportunity for young man who wants to advance. Address Hubbard's Seed House, Topeka, Kan.

HELP WANTED—Assistant; reliable young man with some experience as grower; competent to wait on trade when needed; retail place, 15,000 feet glass; good opening. Address No. **147**, care Florists' Review, Chicago.

HELP WANTED—Competent, experienced assistant gardener on private place; married, no children; must care for 2 horses and 2 cows; wife to care for poultry and make butter; German preferred. Address C. E. Deveney, York, Pa.

HELP WANTED—A first-class rose and carnation grower; one having had western experience preferred; best wages and a steady place to a man who can produce the goods; southwest; send references. Address No. **196**, care Forists' Review, Chicago.

HELP WANTED—An all-round florist, one capable of taking full charge of a commercial place, doing a local and a mail order business; prefer one who can put in some capital; must have good references. Address No. **220**, care Florists' Review, Chicago.

HELP WANTED—First-class store man in St. Louis; one who thoroughly understands the retail florist business; salary $100 a month to start; don't apply unless you can come well recommended; apply at once. Address No. **179**, care Florists' Review, Chicago.

HELP WANTED—A competent and experienced gardener, married, small family, for small flower and vegetable garden on gentleman's country place; comfortable house and firewood furnished; good wages; references required. Address P. O. Box 397, Nashville, Tennessee.

HELP WANTED—An experienced seedsman with $5,000 to take an active interest in a well paying terminal shipping and retail seed and grain business in Oklahoma; excellent opportunity; no one but an experienced seedsman need apply. Address No. **189**, care Florists' Review, Chicago.

HELP WANTED—A sober, industrious, young man, of good habits, with a general knowledge of greenhouse work and an ambition to advance; $35.00 per month and board to begin; retail place of 10,000 feet of glass, in town of 5000 in middle west. Address No. **216**, care Florists' Review, Chicago.

HELP WANTED—General greenhouse man, with experience; nothing but a clean, sober man wanted; $45.00 and room; steady place for the right man. The Newburys, Mitchell, S. D.

HELP WANTED—Good all-around greenhouse man, not afraid to work, for retail establishment of 20,000 ft. glass, up-to-date construction; salary $15.00 per week and room; state age, nationality and references in first letter. Jno. Stamm, Hutchinson, Kansas.

HELP WANTED—Good grower of carnations and general stock; must be a good designer, middle age, honest and reliable; able to take charge when needed; none other need apply; wages $40.00 per month, board and room; southwest Texas. Address No. **204**, care Florists' Review, Chicago.

HELP WANTED—In northern Pennsylvania, a good propagator and grower of carnations, roses, mums, Easter bulbs and general pot plants; three houses; must be good worker; no drinking man need apply; growing business, and a permanent position to right man; married preferred; state wages and whom worked for. Address No. **235**, care Florists' Review, Chicago.

WANTED—Conrad (Bismarck) Lingenfelt, to write H. Krueger, Meadville, Pa. Important.

WANTED—Second-hand greenhouse hot water boiler to carry ten to twelve thousand feet; must be good; give full description. Hill City Greenhouses, Forest City, Iowa.

WANTED—Prices on 2000 or more yards of plant cloth, also 2000 feet of 1¼ or 1½ second hand pipe in good condition, suitable for cold frames. W. Mundy, Salem, Ohio.

WANTED TO BUY—Small greenhouse, Indiana, Ohio or Illinois preferred; must be in good running order and bear investigating. Address No. **197**, care Florists' Review, Chicago.

WANTED TO RENT—For retail purposes, two or three greenhouses in good repair, with few acres of land. Address full particulars to No. **210**, care Florists' Review, Chicago.

WANTED—Positions near New York and Philadelphia for graduates of the Baron de Hirsch Agricultural School on gentlemen's estates and commercial florists, as greenhouse and garden help. Apply to H. W. Geller, Supt., Baron de Hirsch Agricultural School, Woodbine, N. J.

WANTED TO RENT—With the privilege to buy in a year or so, 15,000 to 35,000 feet of glass in good condition, with some land, dwelling, etc.; in no city less than 25,000 inhabitants; near car line; with city water and improvements; I am a grower of first-class stuff only in cut flowers, also Christmas and Easter pot plants; have a few thousand dollars to invest now, later more; please don't write or bother about old, tumbling down places; I would like to take possession April or May, latest first of June. Address No. **174**, care Florists' Review, Chicago.

WANTED—An all-round florist with some capital to take a working interest in a growing concern, doing a retail and wholesale cut flower business and a mail order seed and plant business; 22,000 feet of glass and a down town store; issuing 25,000 catalogs this spring; have more business than we can take care of and need one more reliable experienced florist capable of taking full charge of the plant business; city of 12,000, and 100,000 in the surrounding towns; without competition; 4 railroads, 3 express companies; 65 miles from St. Louis; new oil field just being developed; splendid opportunity for a capable man. Address No. **221**, care Florists' Review, Chicago.

PARTNER WANTED—Near Chicago; large greenhouse plant; a good chance for an energetic, first-class florist; one experienced in fancy potted plants preferred; wholesale trade; best shipping point; $1200 to $1500 required. Address No. **206**, care Florists' Review, Chicago.

FOR RENT—Fine florist store in Chicago; rent $35 per month. Address No. **230**, care Florists' Review, Chicago.

FOR RENT—3 houses, 100x18, with plenty of ground; on city car line. Address Mrs. E. C. Henry, Frankfort, Ky.

FOR SALE OR RENT—Greenhouse, store, dwelling and stock complete; located on main street in growing south side suburb of Chicago. Owner, 731 Barry Ave., Chicago, 1st flat.

FOR SALE—Nurseries, greenhouse and retail business in rapidly growing town; write for particulars. H. A. Curtis The Florist, St. Petersburg, Fla.

FOR SALE—Glass, 100 boxes A. D. 16x16; 6 boxes 16x20 A. D. and 6 boxes 16x24 A. D.; all new glass. Inquire of Ira H. Landis, Lancaster, Pa.

FOR SALE—Small greenhouses, dwelling and four acres of land in city of 2500 in Southern Wis. Address No. **239**, care Florists' Review, Chicago.

FOR SALE—River View Greenhouses and Garden; a great bargain; private reasons for selling. W. C. Whelchel, Prop., Covington, Ind.

FOR SALE—1 plate glass florists' refrigerator, with steel structural work; been used about two months. Address Fort Wayne Refrigerator Co., Fort Wayne, Ind.

FOR SALE—1 large sized Morehead steam trap and No. 2 receiver; good as new; used but three years; cost $225; will sell cheap. The Fifth Ave. Floral Co., Columbus, Ohio.

FOR SALE—5,000 feet glass, well stocked with carnations, roses and pot plants; city of 20,000; greenhouse new; ground 150x425 feet. Address G. G. Tarr, Box 211, Enid, Okla.

FOR SALE—Good retail florist business in live town in New York state, about 10,000 feet glass, three acres land; will be sold cheap and on easy terms if sold at once. Address No. 222, care Florists' Review, Chicago.

FOR SALE—10,000 ft. of glass on leased land on which the lease has 7 years yet to run; located near three cemeteries and have good trade; will sell all or take partner. Address Jacob Russler, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—Must sell, on account of death, 3 new greenhouses, new steam boiler, large potting shed, plenty of land for outdoor stock; 30 minutes' ride from Chicago; price $2700.00; $1500.00 cash, balance on time; will rent after May 1, if not sold. Mrs. H. Port, 1712 S. 4th Ave., Maywood, Ill.

FOR SALE—In Chicago, established retail florist, 7 greenhouses, 10,000 square ft. of glass on valuable corner, 125x165; 6-room modern residence; shows net income of over $3,000 per year; must be sold to divide estate chance of a life time; price $7,500. H. O. Stone & Co., 125 Monroe Street, Chicago.

FOR SALE—Well established florist business in R. R. div. town of about 6,000, in northeastern Indiana; well stocked for retail trade; dwelling of four rooms and cellar attached to greenhouses; hot water heat throughout; centrally located; correspondence invited. Address No. 207, care Florists' Review, Chicago.

FOR SALE—Half interest in $16,000 wholesale and retail place near Chicago; 25,000 ft. glass, stocked with roses and carnations; seven acres planted in fruit; two dwellings, horses, cows, wagons, buggy, tools, etc., $2500 cash, balance ($5500) $500 per annum, 5 per cent interest; possession March 1st. Address No. 153, care Florists' Review, Chicago.

FOR SALE—A modern range of glass of about 7000 ft., hot-water heat; office and work room, one barn; one modern 8-room cottage, hot-water heat; entire place equipped with electric lights; no competition; college town of 6000; situated 3 blocks from depot and 3 blocks from college, doing fine business, and business growing; hustler can do $5000 per year; good reason for selling; price $7500 if sold soon. Geo. H. Wray, Fairfield, Iowa.

FOR SALE—First-class retail florists' business, in best growing section of Brooklyn, N. Y.; established over five years; large cash trade; owner wishing to retire; will sell reasonable to right party; can give best of reference from wholesale florists and growers; if desired, will sell immediately, so as to give buyer benefit of Easter trade, which is A No. 1. Address Retailer, Box 545, New York City.

FOR SALE—Florist business in a thriving town of 8000; two greenhouses, one 18x100, and one 22x114; steam heated and as good as new; 6 iron and 6 wooden hot bed sash; chicken house, wood shed and barn; pipe tools and carpenter tools; lot 120x140; 6-room living house with all modern conveniences, electric light, steam heat and sewer; on main street, 3 blocks from business center; county seat, no greenhouse for 80 miles north and 50 miles south; price $5000, half down, balance on time. Peter Philipp, Rhinelander, Wis.

Situation Wanted

As assistant gardener on private or commercial place: age 27, single. Address No. 232, care Florists' Review, Chicago.

HELP WANTED

A single Protestant man, one that can grow good Roses and Carnations, also pot plants; must have first-class references; if not capable don't answer. Address **Calvert Floral Co., Lake Forest, Ill.**

Situation Wanted

By man of 34, as florist and landscape man on gentleman's estate; single; references from H. A. Dreer and firms of equal prominence; kindly state wages. Address No. 223, care Florists' Review, Chicago.

Wanted JOBBERS Wanted
To STUDEBAKER'S

Storm Vehicles and Automobiles. Thousands of K.'s House-door and Sash Fasteners are used. For samples and prices to **Jos. Kopcsay, South Bend, Ind.**

Mention The Review when you write.

Situation Wanted

As landscape gardener to develop new estate; can refer to satisfied clients for whom similar work was done, and to recent superintendent; by reason of practical experience can safeguard employer's interest in installation of mechanical conveniences which go to make a country home complete. Address No. 224, care Florists' Review, Chicago.

Help Wanted

For a private country place, a man accustomed to growing vegetables; a married man and a Protestant preferred.

Address, 876 Drexel Building, Philadelphia, Pa.

WANTED

Wire Workers AT ONCE

Good wages! Steady work! and extra pay for over hours. Immediate and constant positions for good men.

H. KENNEY,
88 Rochester Ave., Brooklyn, N. Y.

Wanted Nurseryman

Who understands propagating, growing and selling of nursery stock; capable of taking charge of retail business; married man preferred.

WM. CLARK
Monroe and Wood Ave. Colorado Springs, Colo.

For Sale in Oklahoma,
Greenhouses and Store

Muskogee Carnation Co. will sell up-to-date greenhouses and store to a cash purchaser; the only florist business in city of 25,000 inhabitants; the business will pay for itself in 4 years and the property will DOUBLE itself in 1 year; the finest place to be seen anywhere; come and see it for yourself, I know you will like it.

Muskogee Carnation Co.
C. E. Taube, Manager. **Muskogee, Okla.**

Shippers, Attention

We can use to advantage, good Roses, Daffodils, Freesia, Tulips, Lilies and Greens; will either buy outright or sell on commission.

Address No. 158,
Care Florists' Review, Chicago.

Unexampled Chance

For a first-class grower with executive ability and capacity, to take charge of 50,000 square feet of glass, most modern in construction and equipment, for growing cut flowers and plants, about to be erected in most progressive part of United States, where competition amounts to almost nothing; can sell entire product now, and plant will have to be doubled in two or three years at most with right management; if you do not possess these requirements and have not got $3000 to $5000 to take stock in the $50 000 corporation, do not reply; but if you have and can produce the goods, you get the chance of your life by addressing No. 205, care Florists' Review, Chicago.

WANTED

Farm and Grass Seed Man

One who knows, can talk and sell these seeds to farmers and others in a city store. Must be a man of good address with first-class recommendations and strictly reliable. We don't want the fellow "who thinks he can" and "is willing to try," it's the fellow beyond that stage, one that has already been a successful salesman, not one who merely waits on customers to what they ask for but can make sales. We have a good opening right now. Speak quick. A hustler of middle age preferred. Livingston Seed Co., Columbus, Ohio.

SITUATION WANTED

Young man, age 28, German, in up-to-date store; with 8 years' experience, 4 in well known German growing establishments and stores; 4 years in this country in up-to-date stores; reference: prefer Chicago, Detroit or East. Address No. 228, care Florists' Review, Chicago.

For Sale

Two high pressure steam boilers, good as new, size 4x16, with thirty 4-inch flues; we purchased these boilers last spring but never used them; prefer large boilers, reason for selling.

WEILAND & OLINGER, New Castle, Ind.

Public Sale

March 1st, 2 p. m.

Florist property, greenhouses, dwelling, stable, outbuildings, large acreage, conveniently located, best soil, plenty water, clear title and suitable conditions of sale. For particulars apply to H. C. Biddle, Ambler, Pa.

To Rent

A very rare opportunity

One of the most modern and up-to-date florist establishments of about 15,000 sq. ft. glass, hot water heat, Superior tubular boiler; entire place equipped with electric lights, cement walks and floors; work building 20x115 ft.; 2-story 8-room modern flat; good established business; the conveniences and accommodations to all transportation, etc., are too numerous to mention here, they cannot be excelled; if interested, an investigation will convince.

RICHARD F. GLOEDE
1405-1407 Central St., EVANSTON, ILL.

For Rent

Store For Flower Shop

In the new Limits Station of Chicago Railways Company, North Clark St., south of Diversey Boulevard. The location is the junction of a vast amount of travel and is the place for a first-class florist to do business with all the North Shore. Store fine for display. To be rented to florist of best standing. Apply Chicago Railways Company, 181 La Salle St. Tel. Randolph 1480.

Wanted

A Reliable Man for General Work

Around a country place near Chicago; horses and cows are tended by coachman and lawn cut by horse power; must understand running a hot bed and raising outdoor flowers and vegetables; extra help will be given in the fall and spring; he will have care of furnace; must board himself—but will be given a cottage with heat and electric light free; if married, must have no family; state wages expected; situation all the year.

Address No. 215,
Care Florists' Review, Chicago

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

Alexander McConnell

671 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street — **Cable Address: ALEXCONNELL** — **Western Union Code**

A. W. Smith Co.

...FLORISTS...

KEENAN BUILDING, **Pittsburg, Pa.**

Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

609-11 Madison Avenue

Long Distance Phone, 5297 Plaza

New York

We can fill your floral orders day or night for

CLEVELAND and STATE OF OHIO

Always have complete stock on hand. Regular discount allowed the trade.

KNOBLE BROS., 1836 W. 25th St., CLEVELAND, OHIO.

DAYTON, OHIO

Heiss Company

112 SOUTH MAIN STREET

We Handle Everything in Season.

H. A. FISHER CO.

Wholesale and Retail Florists

KALAMAZOO and BATTLE CREEK, MICH.

ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

HOLM & OLSON, Inc.

20, 22, 24 West 5th Street

WILSON

DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

Fulton St. and Greene Ave., BROOKLYN, N.Y.

Telephones, Prospect 2840 and 4065.

ALL IOWA

orders given careful attention

IOWA FLORAL CO., DES MOINES, IA.

Iowa Seed Co., Proprietors

EYRES

FLOWERS OR DESIGN WORK

Delivered in Albany and vicinity on telegraphic order

North Pearl St., - ALBANY, N.Y.

Wm. L. Rock Flower Co.

Rock's Flowers Kansas City

Kansas City, Mo.

1116 Walnut Street

Bell Telephone 213 Grand

Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Sharkey

FLORIST

Phone 5195 Madison Sq.

Late with THOS. YOUNG, JR.

36 E. 28th Street

Near Madison Ave.

NEW YORK

Wholesale and Retail

Steamer and Theater Work My Specialty

The Avenue Floral Co.

3442 St. Charles Ave.

New Orleans, La.

Our exclusive location calls for best stock. Square deal guaranteed.

OSTERTAG BROS.

Washington and Jefferson Aves.

Both Long Distance Phones, St. Louis, Mo.

IN MICHIGAN.

Chase & Wilcox, proprietors of the Hastings Greenhouse Co., Hastings, have completed large greenhouses in that city and have started business with bright prospects for the future. Mr. Wilcox is a graduate of the Michigan Agricultural College, where he specialized in horticulture, and he will look after the plant culture, while his partner, Will Chase, will take care of the business end.

Peter Lubin has opened a florist's shop at Grand Haven, and carries potted plants, ferns, palms and cut flowers. Mr. Lubin was formerly with Hancock & Son.

Wishing to engage in another line of business, Wm. E. Pew has retired from the firm of Pew & Dawes, florists, at Muskegon. Chas. B. Dawes will continue the business in the Flatiron store, with greenhouses at Muskegon Heights as a source of supply.

W. J. Trover, florist at Elkhart, Ind., has removed his store to larger and better quarters in the building formerly occupied by H. Helfrick & Son, clothiers.

W. L. Cukerski has completed his new greenhouses at West Fulton street and Valley avenue, Grand Rapids, and is stocking them with bedding plants for the spring trade. He has ordered 60,000 shrubs from France to plant in his nursery in Walker township.

Carl Hirsch, proprietor of Hillsdale

M. A. Bowe

IN HEART OF NEW YORK CITY

Phone 2270 38th St. 1294 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

Palmer's

Flowers of Quality

Buffalo, N.Y.

W. J. Palmer & Son, 304 Main Street

Orders by Wire Receive Prompt and Careful Execution

J. Newman & Sons

Corporation

24 Tremont St., BOSTON

We can refer to leading florists in all principal cities. Established 1870.

ST. LOUIS, MO.

Flowers Delivered in City or State on Short Notice

F. H. WEBER

BOYLE AND MARYLAND AVENUES

Both Long Distance Phones

THE SMART SET FLORAL CO.

Broadway and 83rd Street

NEW YORK

Telephone 1790 Riverside.

Prompt and personal attention given your orders by expert artists.

B. SCHROETER

59 Broadway

DETROIT

MICHIGAN

DRUMM SEED and FLORAL CO.

507 Houston St., FORT WORTH, TEX.

Headquarters for Cut Flowers and Funeral Designs

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

DARDS,

N. E. Cor. 44th Street and Madison Avenue,
Telephones
4025-4026, 38th Street,
NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union — Established 1874

WARENDORFF

NEW YORK CITY.
The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.

FLORISTS
COVER ALL OHIO POINTS
114 N. High St., COLUMBUS, OHIO

JULIUS BAER

138-140 E. Fourth St.
Long Distance Phone
Cincinnati, Ohio.

Seattle and Coast

Orders Carefully Filled
Graff's Flower Shop
923 1st Ave., Seattle, Wash.

LINCOLN, NEB.

CHAPIN BROS.
Retail Florists
Flowers for all occasions, from cradle to grave.

E. O. LOVELL

GRAND FORKS
Will give prompt attention to all orders for delivery in North Dakota

A. C. BROWN,

SPRINGFIELD ILL.
LARGE GREENHOUSES

The Anderson Floral Co.

ANDERSON
533 Marshall Ave., SOUTH CAROLINA

TERRE HAUTE, IND.

JOHN G. HEINL & SON, 129 South 7th Street

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

BERTERMANN BROS. CO.

LEADING FLORISTS
241 Massachusetts Ave., Indianapolis, Ind.

Minneapolis Floral Co.,

Wholesale and Retail Florists
MINNEAPOLIS, MINN.
Funeral designs on short notice. One of the largest establishments west of Chicago.

CHICAGO

30% 30% 30% 30%

PLACE your Chicago orders with us. We carry the largest stock in Chicago. Located in the center of the city and in the same block with the Wholesale Flower Market. 30% discount on all orders from out of town florists.

Prompt Attention to all Mail or Telegraph Orders from Florists.

LUBLINER & TRINZ
44 Randolph Street, CHICAGO

Washington, D. C.

14th and H Streets

Blackistone

Also
1601 Eutaw Place,
Baltimore, Md.

ADVANCE FLORAL CO.,

Five Phones
C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, DAYTON, O.

Minneapolis, Minn.

LEADING FLORISTS
SWANSON'S, 618 Nicollet Ave.

Floral Park, Hillsdale, is also landscape gardener for the Lake Shore railway, having charge of all gardens on that road between Chicago and Toledo. Fifteen years ago he had only one greenhouse, but today he has eight, covering about 30,000 square feet. Five of the houses are devoted to carnations, one to mums, one to roses and one to palms and ferns.

The Grand Rapids Produce Dealers and Credit Association has elected officers for 1910 as follows: President, F. E. Stroup; vice-presidents, H. J. Vinkemulder and J. G. Doan; treasurer, Bert A. Owen; board of managers for two years, C. L. Reed, J. F. Boyland, W. H. Fowle, C. D. Crittenden, M. J. Dark and A. W. Miller.

Lettuce, in Grand Rapids, is bringing a better price now, ranging from 12 cents to 12½ cents, as compared with 7 cents and 8 cents for some time past. A large share of it goes to Cincinnati. Toledo used to be a good market, but strong local competition has to be met now.

CLEVELAND

..The..
J. M. Gasser Company
EUCLID AVENUE
We ship all points in Ohio. The best of everything in Flowers.

Canada's Florist

Dunlop's
96 Yonge St., TORONTO

C. C. POLLWORTH CO.

WHOLESALE FLORISTS
Milwaukee, Wis.
Will Take Proper Care of Your Orders in **WISCONSIN**

Always mention the Florists' Review when writing advertisers.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

BUFFALO

S. A. ANDERSON
440 MAIN STREET

Special Deliveries Niagara Falls and Lockport

SAMUEL MURRAY
....FLORIST....
1017 Broadway, KANSAS CITY, MO.
Write, Telephone or Telegraph.
All orders given prompt attention.

GEO. M. KELLOGG FLOWER & PLANT CO.
Wholesale and Retail Florists
1122 Grand Avenue, KANSAS CITY, MO.
All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by
George H. Berke
1505 Pacific Ave.

Write, Wire or Phone Your Orders to
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1406 Olive St., ST. LOUIS, MO.
Regular discount allowed on all orders, either Plants or Cut Flowers.
Phones: Bell, Main 2806; Kinloch, Central 4981

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FLORIST
Telegraph Orders a Specialty.
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The Cleveland Cut Flower Co.
CLEVELAND, OHIO
Will fill your orders for Designs or Cut Flowers in Northern Ohio

THE NEWBURYS, Mitchell, S. D.
40,000 feet of Commercial Cut Flowers. Your orders will be promptly and properly executed in South Dakota, North Dakota, Iowa and Minn.

GEO. A. HEINL, LEADING FLORIST, TOLEDO, OHIO
ALL ORDERS PROMPTLY EXECUTED

PORTLAND, OREGON
CLARKE BROS. 289 Morrison St.

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702 Washington Avenue
1510 Cass Avenue
Greenhouses, Taylor and St. Louis Aves.

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FLORIST Cor. Michigan Ave. and 31st St., Chicago
We ship to all points in Illinois and Iowa.
PHONES:
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and all New England Points
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171 Weybosset St., Providence

Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....
IRA G. MARVIN'S, Wilkes-Barre, Pa.

S. B. STEWART
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J. J. BENEKE
1216 Olive St., ST. LOUIS, MO.

Baltimore, Md.
ALBERT G. FIEDLER & CO., 902 South Charles St.

Teresa Badaracco
Art Florist ST. LOUIS, MO.

Competition in outside markets grows keener each season and some of the local growers are considering turning their attention to flowers and other products. The lettuce crop is light this season, on account of lack of sunshine. A. G.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

Steamer—	From—	To—	Sails.
Baltic	New York	Liverpool	Feb. 19
St. Louis	New York	S'hampton	Feb. 19
California	New York	Glasgow	Feb. 19
Friesland	Philadelphia	Liverpool	Feb. 19
Carolina	New York	Porto Rico	Feb. 19
Nile	New York	Jamaica	Feb. 19
Caronia	New York	Egypt	Feb. 19
Pennsylvania	New York	Hamburg	Feb. 22
Umbria	New York	Liverpool	Feb. 23
Lapland	New York	Antwerp	Feb. 23
Asia	San Fr'sco	Hongkong	Feb. 23
G. Washington	New York	Bremen	Feb. 24
La Touraine	New York	Havre	Feb. 24
Castilian Pr	New York	Brazil	Feb. 25
Oceanic	New York	S'hampton	Feb. 26
Furnessia	New York	Glasgow	Feb. 26
Waldersee	New York	Hamburg	Feb. 26
Ponce	New York	Porto Rico	Feb. 26
Barbarossa	New York	Genoa	Feb. 26
Romanic	New York	Italy	Feb. 26
Mauretania	New York	Liverpool	Mar. 2
Kroonland	New York	Antwerp	Mar. 2
Rhein	New York	Bremen	Mar. 3
La Bretagne	New York	Havre	Mar. 3
Laurentic	New York	Liverpool	Mar. 5
Philadelphia	New York	S'hampton	Mar. 5

John King Dunn
Flower and Plant Shop
644 Madison Ave., just above Fifty-ninth St.
Phone 410 Plaza. New York City

JOHN BREITMEYER'S SONS
Corner Broadway and Gratiot Ave.
DETROIT, MICH

FRED EHRET
WHOLESALE AND RETAIL FLORIST
1407 Fairmount Ave. and 702 N. Broad St.
PHILADELPHIA
Orders for Philadelphia and surrounding country carefully filled on short notice.

Telephone 334 Main
S. Masur
326 Fulton St., Brooklyn, N.Y.

WELLESLEY COLLEGE
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Long Distance Tel., Wellesley 44-1, 44-2, 44-3.

Texas Dallas Floral Co.
DALLAS, TEX.
Choice Flowers always on hand. Grown here.

Rosemont Gardens
W. B. Paterson, Prop.
116 Dexter Ave., MONTGOMERY, ALA.

HESS & SWOBODA, Florists
Telephones 1501 and L 1582
1415 Farnum Street, OMAHA, NEB

U. J. VIRGIN
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Evanston and Chicago
JOHN WEILAND EVANSTON, ILL.

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HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS

Atlanta Floral Co.
41 Peachtree Street, ATLANTA, GA.

Spokane Florist Co.
SPOKANE, WASH. Up-to-date Florists

BEYER FLORAL CO., SOUTH BEND, IND.
Daily deliveries to Notre Dame University and St. Mary's Academy.

LEADING RETAIL FLORISTS

The retail florists whose cards appear on the four pages carrying this head, are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading, now is the time to place your order.

BROWN

New York's Most Modern Florist Store
"The Belnord"
2360 Broadway
New York City
Telephone No., 1219 River
Personal Attention Given Your Orders.
Satisfaction Guaranteed.

Coombs LEADING FLORIST
Hartford, Conn.
Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.

Send flower orders for delivery in....
BOSTON AND ALL NEW ENGLAND POINTS
To THOS. F. GALVIN, Inc.
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All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand
McKenna
MONTREAL

ST. PAUL, MINN.
Order your flowers for delivery in this section from the leading Florists of the Northwest.
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ST. PAUL, MINN.

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The Park Floral Co.
J. A. VALENTINE Pres.
DENVER, COLORADO

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155,000 sq. ft. of glass at your service.
Helena, Montana

The Flower Shop
186 W. 42nd St Phone 258 Bryant NEW YORK
Send your orders for ocean steamers and theaters.
SATISFACTION GUARANTEED

JOHN WOLF
SAVANNAH, GA.
Wholesale and Retail Florist

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Established 1857.
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L. D. Phone 558 Lake View
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Send us your retail orders. We have the best facilities in the city.

Send Your PHILADELPHIA Orders to
CHARLES HENRY FOX
Sign of the Rose
BROAD AND WALNUT STREETS
Always on Time

David Clarke's Sons
2139-2141 Broadway
Tel. 1552, 1553 Columbus
NEW YORK CITY
Out-of town orders for delivery in New York carefully and promptly filled at reasonable rates.

Jacksonville Floral Co.
20 Laura St. Jacksonville, Fla.
We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.
Choice Seasonable Flowers
ALWAYS ON HAND.

Hoffman FLORIST
59-61 Massachusetts Ave. cor Commonwealth Ave.
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GEO. C. BAKER, Florist
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Box 3, HARRISBURG, PA.
Wholesale or Retail. Orders Satisfactorily Filled

J. F. AMMANN
Long Distance Phones
Edwardsville, Ill. Alton, Ill.

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Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.
HALL & ROBINSON, 855 St. Catherine Street, West.

Louisville, Ky.
JACOB SCHULZ, 550 So. Fourth Ave.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Feb. 15.—Cucumbers, 75c to $1.50 doz.; lettuce, 27½c to 30c box; radishes, 15c to 40c doz. bunches.

New York, Feb. 14.—Cucumbers firm. Lettuce scarce. Mint in light supply. Mushrooms plenty and weak. Radishes and rhubarb moving slowly. Tomatoes firm. Cucumbers, $1.00 to $1.75 doz.; lettuce, $1.50 to $2.50 strap; mint, 75c to $1.00 doz. bunches; mushrooms, 15c to 40c lb.; radishes, $2.00 to $3.00 hundred bunches; rhubarb, 60c to 75c doz. bunches; tomatoes, 10c to 25c lb.

Boston, Feb. 14.—Cucumbers, extras, $14 to $16 box; cucumbers No. 1, $12 to $13 box; cucumbers, medium, $8 to $10 box; cucumbers No. 2, $5 to $7 box; lettuce, $1 to $1.25 box; romaine, $1 to $1.25 doz.; escarolle, 50c to $1 doz.; chicory, 50c to 60c doz.; mint, 50c to 60c doz.; parsley, $2 to $2.25 box; tomatoes, 15c to 25c lb.; radishes, $1.75 to $2 box; rhubarb, 8c to 10c lb.; mushrooms, $1.50 to $2.50 basket.

HEATING A MUSHROOM HOUSE.

In answer to J. D.'s inquiry about the building of a mushroom house, on page 48 of the Review of January 27, complete directions were given except with reference to heating. Please inform me as to the best means of heating the houses and the temperature required.

E. C.

The temperature for mushrooms should not be below 50 degrees and not above 60 degrees; 55 to 58 degrees is considered just right, but they are less liable to suffer from being cooler than warmer. To be cool only retards growth; to be too warm injures the crop.

Hot water is used by most growers for heating mushroom houses, but steam can be used just as well. The flow pipes are suspended from the ridge and hang just above the head. The return pipes come back just above the ground, along the edge of the beds in the aisle, sometimes one on each side of the aisle and sometimes only on one side. The number of pipes and their sizes depend on the size of the house, and also on how well it is built, and whether or not it is banked up.

Mushroom houses need only a little artificial heat. The heat of the beds is enough to keep the temperature up nearly high enough if in good, warm cellars, but in regular houses more heat is required than in a cellar. H. G.

PITTSBURG.

The Market.

Business, in a way, was good last week, when it is considered that the week started with a gale, with the thermometer at zero, and wound up with a snowfall variously estimated at from fourteen to twenty-two inches on Friday. The snow put out of business the people who usually clean up the poorer stock on Saturday. Otherwise there was not much cause for complaint from the wholesalers, as good stock was not any too plentiful.

Among the retailers there were several things to interfere with a good week's business. In the first place, the beginning of Lent is always the worst of it. The extremely bad weather also had its effect, and the result was that they could not make their usual Saturday clean-up.

Various Notes.

Valentine's day is becoming more of a factor in the cut flower business each year, and the retailers deserve credit for the way they advertise, both with printers' ink and their window displays, in order to bring the floral valentine into more general use. Each year they show something better, and anything they show has the old lace and paper valentine done to a frazzle.

Among those who made special window decorations were Mrs. E. A. Williams. She used only white, heart-shaped boxes, but the effect, with handsome ribbons and flowers, was beautiful and the general window arrangement was such that but few people got by without at least a look.

H. L. Blind & Bros. used hand-painted boxes, which were beautiful in themselves, but with the flowers and ribbons would gladden the heart of the coldest maiden.

Walter Breitenstein's floral valentines called forth many compliments from the people in the trade, but then we always look for something original from him.

W. A. Herbert, of Wellsville, O., has been up against a streak of hard luck. He slept too well one of the coldest nights, the steam went down and everything was frozen. Then, to make bad worse, he walked on the sled track and the small boy with his sled came down behind; result, a broken hand, which will no doubt bother him for some time.

Otto Baur, formerly with the Baur Floral Co., Erie, Pa., is now with Randolph & McClements.

E. C. Ludwig has just received a large consignment of fine palms. Mr. Ludwig reports funeral work as being the best end of the business at present.

A matter which will be of interest to many will be the replacing of the early morning train on the B. & O. railroad, which will bring the flowers into the city at 6:30 a. m., instead of 8 o'clock. This was brought about when a committee, including Fred Burki, went to Harrisburg and appeared before the state railroad commission. The railroad company at once promised to put back the early train.

Ben L. Elliott and Miss Mary Bader, daughter of John Bader, were quietly married Tuesday morning, February 8, and departed on a noon train for a honeymoon trip. Their friends, who are legion, were surprised and wish them all the good things usually called down on newly married people.

Edward Blind, of Blind Bros., was married February 14 to Miss Bessie Daum. Hoo-Hoo.

North Bridgton, Me.—Chas. L. Chadbourne is building another greenhouse and also an addition to his potting shed.

Paterson, N. J.—It is reported that Robert Smith, the Market street florist, has been compelled to discontinue business, temporarily at least, on account of his inability to pay his rent and other obligations. His total liabilities are said to be in the neighborhood of $2,500.

Montpelier, Vt.—One of the best ranges of glass found in the Green Mountain state is seen here. Emslie & Co. pride themselves on carnations and find Enchantress the best pink for general purposes. A new house is planned for the new candidates. The long continued strike among the granite cutters has seriously affected business among the live folk, but the grim reaper gets his work in just the same and helps keep up demand for flowers.

Seeds for the Market Gardener

are our specialty. Quality, our first consideration. We have a very large and complete stock of all kinds of seeds and everything in the line of fruit trees, berry bushes, etc.

Our new 112-page catalogue contains true description and no overdrawn illustrations. Our prices are right, quality considered. Market Gardeners are requested to write for our Market Garden Wholesale Catalogue, sent free on request.

GERMAN NURSERIES & SEED HOUSE BOX 246 Established 1886 **BEATRICE, NEB.**

Mention The Review when you write.

EARLY TOMATOES

In Concrete Plant Protectors

A tried and proven success. Keep out frost and draw heat. Equal for forcing to the famous bell jars used in France. Field trials show four times the yield, ripening a month ahead of season, and value increased 100 times. No blight or insects. Useful for lettuce, rhubarb, melons, etc. Hold water for irrigation. Patent just issued on protectors, and line wire opens or closes 100 instantly. Illustrated treatise tells how to make them quickly at 2c each, how to make molds at 25c. Also, full information about this method. Each purchaser of book has privilege to make mold and protectors. Mention this paper and **send $1.00 for book.** Money back if not satisfied.

J. H. HALEY, Seed Grower, Munith, Mich

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE—Wakefield and Succession, $1.00 per 1000; $8.50 per 10,000.
PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.

Cash with order.

R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mention The Review when you write.

Vegetable Seeds

FOR FORCING

Stokes' Standards are always the Finest Strains

Tomato, Bonny Best Early, the finest tomato for forcing known; better than the Comet or Lorillard. Seed specially saved for greenhouse growing. Pkt., 20c; ½ oz., 75c; oz., $1.25.

Radish, Prussian Globe, ¼ lb., 20c; lb., 60c.

Radish, Stokes' Scarlet Globe, ¼ lb., 20c; 1 lb. 60c.

Lettuce, Grand Rapids Forcing, oz., 10c; ¼ lb., 35c; lb., $1.25.

Lettuce, Stokes' Big Boston, oz., 10c; ¼ lb, 35c; lb., $1 25.

Add postage, 8c per lb., if wanted by mail.

Let me estimate on your spring requirements for vegetable seeds.

Stokes' Seed Store

219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

With the Skinner System of Irrigation ONE MAN can do the work of FORTY MEN watering with a hose.

The Skinner Irrigation Co.

TROY, O.

Mention The Review when you write.

A GREAT CUCUMBER.

Theodore Roosevelt is being paid $1.00 a word for his remarkable articles on hunting in Africa. We are sure, had he run across a vine of Salzer's Green Cross Cucumber in that far away clime, he could easily have used 10,000 words, or $10,000 worth of description in extolling and setting forth the many merits of this wonderful cucumber, and then some more! Look at the illustration. We had, in a small field with ordinary cultivation, hundreds and hundreds of cucumbers larger than here illustrated, attaining this enormous size within 20 to 25 days after setting! It is the most remarkable Cucumber and surely the most beautiful cucumber mortal eye has ever seen. It's infinitely ahead in beauty and appearance and quality of any hot house cucumber—each one a picture!

PRICE of GREEN CROSS CUCUMBER

Pkg.	25 kernels, -	$0.20
Pkg.	100 kernels, -	.60
Pkg.	200 kernels, -	1.00
Pkg.	500 kernels, -	2.00
Pkg.	1000 kernels, -	3.50

GREEN CROSS

Mention this paper when you write.

FREE

We want every market gardener who receives our catalogue, to give this cucumber a trial, so if he will send us 6c to pay for the postage and packing, we will gladly mail him a package, free of all cost, and if he docsn't say it is the finest, most wonderful, rarest cucumber he has ever seen, then he has seen greater things than we, that's all!

ABSOLUTELY FREE.

Send us 6c for packing and postage and we will mail you a package free or, **if you request a package when you order your seeds, we will gladly add a package to your order free of all cost.**

SEND FOR MARKET GARDENERS' CATALOG TO-DAY

JOHN A. SALZER SEED CO. LA CROSSE WIS

BRASLAN SEED GROWERS' CO.

Lettuce, Onion, Sweet Peas

Growers for the Wholesale Trade Only

San Jose, California

Mention The Review when you write.

Clearing Sale

Perennial Rye Grass (Lolium perenne) Crop 1909.

The heaviest seed ever imported, weighing 26 lb. per bushel. Samples on request.

Lb., 6c.; 100 lbs., $5.50, f. o. b. New Orleans.

THE AVENUE FLORAL CO.
3442 St. Charles Ave. New Orleans, La.

Mention The Review when you write.

D. J. TAMMINGA

Onion Set Grower

Onion Sets for immediate or fall delivery. Get my prices.

10818 Michigan Ave., Chicago, Ill.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

VISITED CHICAGO: F. H. Henry, of Henry & Lee, enroute to New York from Japan.

JOSEPH SCHAEFER, grocer at Portsmouth O., is preparing to open a branch store at Third and Market streets with a full line of seeds.

"NEW Methods of Plant Breeding" is the title of a bulletin by George W. Oliver just issued by the U. S. Department of Agriculture. It will be sent free to anyone interested in the subject.

HARRY A. BUNYARD, secretary of the National Sweet Pea Society of America, points to the number of 1910 catalogue covers that feature sweet peas as just another evidence of the importance of this special flower.

J. J. H. GREGORY, the venerable seedsman of Marblehead, Mass., has given to the state of Maine a $1,000 first mortgage bond, with the provision that at intervals of five years $200 of the interest shall be paid to the orchardist who shall show to a committee of three the most excellent orchard of one acre or more grown on his own land of trees of his own selection (the Ben Davis excepted), five years from setting; the first planting to be in the spring of 1910, and judged in 1915.

WANTS CONSISTENCY.

President Taft's recommendation that the rate of postage on magazines be increased is proving to be about as unpopular as anything this administration has fathered—and so far the Taft administration appears to have been singularly unfortunate with the people. It is to be expected that publishers would not like a proposal to increase the postage on their output, but the way the magazine readers are deluging Congress with letters probably will be the restraining influence. A Chicago

LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS Get Our Prices 228-230 KINZIE STREET, CHICAGO

Mention The Review when you write.



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YOU will be satisfied with the products of

Burpee's "Seeds that Grow"

Better write to Burpee, Philadelphia,—for new Complete Catalog

Mention The Review when you write.

The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

Mention The Review when you write.

Onion Sets

WHITE BOTTOM
RED BOTTOM
YELLOW BOTTOM

We are in position to make advantageous prices for immediate or March 1st delivery.

Write or wire for quotations.

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45-47-49 Wabash Ave., CHICAGO

Mention The Review when you write.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

Mention The Review when you write.

Onion Sets - Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

Mention The Review when you write.

ONION SEED

We grow the very best strains of Yellow, Red and White Globe seed. Grown on our own farms, with special reference to the needs of the planter. We can please you.

Write for booklet and prices.

LAUGHLIN SEED CO., Kenton, O.

Always mention the Florists' Review when writing advertisers.

S. M. ISBELL & CO.

JACKSON, MICH.

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BEAN, CUCUMBER, TOMATO

Radish, Pea, Muskmelon

Squash, Watermelon, Sweet Corn

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GET QUOTATIONS FROM

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farms BRISTOL, PA.

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Growers of

PUGET SOUND CABBAGE SEED

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Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.

Correspondence solicited.

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HILLEGOM, Established 1830 **HOLLAND**

OWNERS and Cultivators of over 400 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies; a very large assortment of Peonies, Amaryllis and Herbaceous Plants.

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Azaleas, Rhododendrons, Clematis,

Roses, pot-grown plants for forcing.

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COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

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Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

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SEEDS

of all kinds apply to

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—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

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VAN GRIEKEN'S BULBS

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for Florists' forcing; Azaleas, Rhod Lilacs, etc.; Romans, Valleys, Lilies, etc to order; delivery, Fall season 1910. Address

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A GRAND SPECIALTY

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PAUL TEICHER, Striegau, Germany

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Splendid **SEED** of

Phoenix Roebelenii

Just arrived. Prices on application to

SANDER, - BRUGES, BELGIUM

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CAULIFLOWER CABBAGE Seed

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

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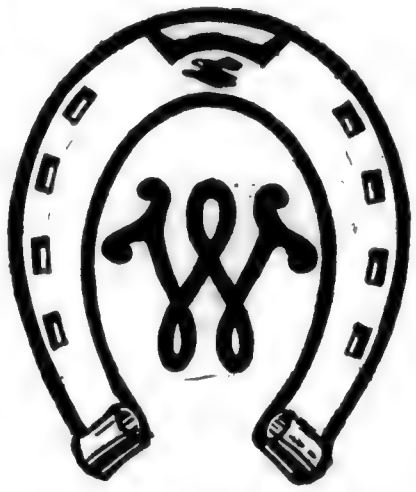
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Ward's Lily Bulbs



"NOT HOW CHEAP—
BUT HOW GOOD"

RALPH M. WARD & CO.
12 W. Broadway, NEW YORK

Mention The Review when you write.

voter who buys a good many magazines and is interested in other phases of government activity recently wrote the following, which has become public:

Hon. Frank O. Lowden,
House of Representatives,
Washington, D. C.

Dear Sir: As you are the only Member from Illinois on the Post-office committee, I address you as my representative in that body to urge you to vote against any increase in the second-class rate.

I can see no more reason for expecting the Post-office Department to be self-sustaining than for requiring the Department of Agriculture to pay its own way. If you vote to make my magazines cost me an increased subscription price, you should, as a matter of fairness, vote against the Free Seeds, etc.

IMPORTS.

The imports of seeds through the port of New York for the week ending February 5 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto....	73	$ 990	Grass 4,324		$14,389
Anise	100	998	Lycopodi'm	43	3,070
Caraway ..	575	3,813	Onion		163
Cardamon .	10	400	Millet ...4,574		13,841
Castor 1,391		4,515	Mustard ..	350	1,646
Celery	2	89	Rape	100	890
Clover	150	6,028	Sugar beet	2	165
Cummin ..	53	822	Other		17,873

In the same period the imports of bulbs, trees and plants were valued at $20,547; peas, $2,242, and beans, $12,950.

CATALOGUES RECEIVED.

W. W. Rawson & Co., Boston, Mass., list of dahlias and gladioli; H. E. Fiske Seed Co., Boston, Mass., seeds, bulbs, plants and supplies; E. E. Stewart, Rives Junction, Mich.; gladioli; Schlegel & Fottler Co., Boston, Mass., seeds, bulbs, plants, trees and supplies; M. Crawford Co., Cuyahoga Falls, O., strawberry plants and other small fruits; State Nursery Co., Helena, Mont., seeds, plants, trees, etc.; the Pierce Seed Co., Pueblo, Colo., seeds, bulbs and sundries.

THE RAWSON BOOK.

Referring to their special catalogue on dahlias and gladioli, mentioned in last week's Review, W. W. Rawson & Co., Boston, say: "This catalogue contains the world's productions of two important flowers. It has taken us five years to collect the several thousand varie-

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. **$3.25** per 100; **$30.00** per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, **$1.75** per 100; **$15.00** per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, **$1.50** per 100; **$13.00** per 1000. First size bulbs, **$1.25** per 100; **$10.00** per 1000.

Shakespeare. White and rose. **$4.75** per 100; **$45.00** per 1000.

Boddington's White and Light. Extra selected bulbs. 1¾ in. and up. **$1.50** per 100; **$14.00** per 1000.

Bulbs, 1½ to 1¾ in., **$1.25** per 100; **$10.00** per 1000.

American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. **$1.00** per 100; **$9.00** per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman
342 W. 14th St. NEW YORK CITY

Mention The Review when you write.

Sweet Scented **PEONIES** **3 to 7 Eyes**

Exceptional quality—Best value offered to the trade,

Double white, pink and red.....per doz., $1.00; per 100, $6.00; per 1000, $50.00
Double named sorts, extra quality.....per doz., $1.25; per 100, $10.00

English Milltrack Mushroom Spawn

From England's best maker. 10 lbs., 75c; 25 lbs., $1.50; 100 lbs., $6.00; 1000 lbs., $55.00. 250 lbs. at 1000-lb rate.

Pure Culture Spawn (an American product), per doz. bricks, $1.80; 25 bricks, $3 50; 50 bricks, $6.50.

Cultural directions sent with each order.

Write for prices of Tuberoses, Cannas, Dahlias and Cycas Stems.

See our Aster Seed offer in last issue.

JOHNSON SEED CO., - 217 Market Street, Philadelphia, Pa.

Mention The Review when you write.

DIRECT IMPORTATIONS

AT FOREIGN GROWERS' PRICES

From BELGIUM Palms, Araucarias, Bay Trees, Azalea Indica, etc.
From HOLLAND Boxwood, Rhododendrons, pot-grown Shrubs for forcing, etc.
From GERMANY Valley Pips. Early or late forcing.
From ENGLAND English Manetti, selected for grafting.
From JAPAN Lilium Longiflorum Giganteum, Multiflorum, etc.

Full list Japanese, Holland, English and French Nursery Stock

Write for catalogues, special lists, etc., mentioning the class of stock you are interested in.

RAFFIA 5 grades. Bale lots only.

Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

McHUTCHISON & CO.
17 MURRAY STREET NEW YORK

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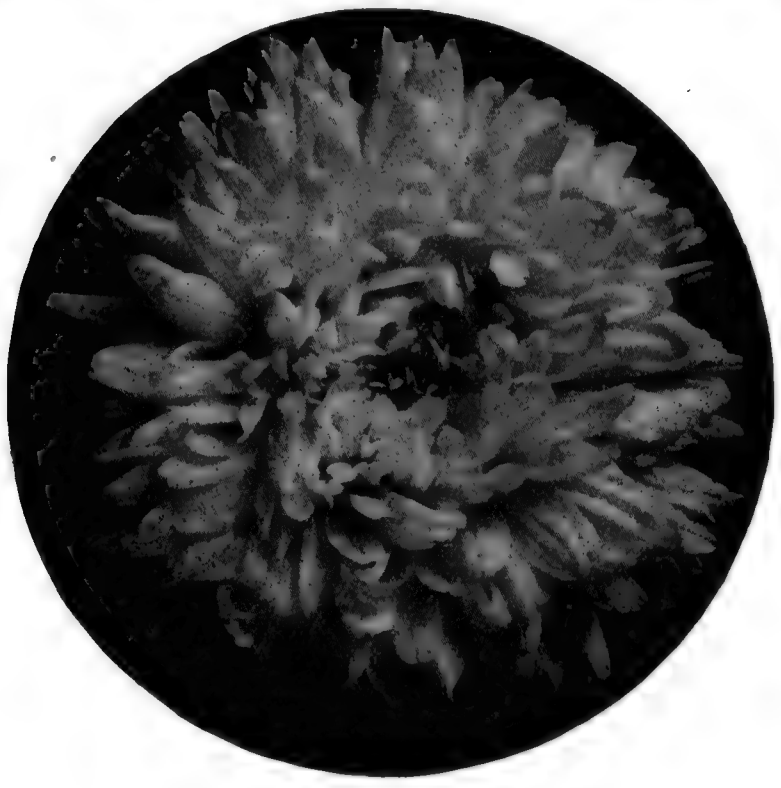
Sow Now

Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, **we shall be glad to mail one on receipt of a postal.**

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

Mention The Review when you write.

Dreer's Superb Asters



Dreer's Superb Late Branching Aster.



Crego's Giant Comet Aster.

We take special pains to secure only the very choicest Asters, and feel sure nothing finer in quality can be had at any price. We offer below a list of the very best for Florists' use. For complete list see our Wholesale Catalogue.

Dreer's Superb Late Branching Asters

The finest Aster for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September.

	Trade pkt.	Oz.
Azure Blue. A rich deep lavender	$0.25	$1.00
Pure White. Extra fine stock	.25	1.00
Shell Pink. An exquisite shade	.25	1.00
Rose Pink. A very desirable color	.25	1.00
Deep Rose. Rich and brilliant	.25	1.00
Deep Purple. Royal deep blue	.25	1.00
Lavender. A pale grayish-lavender	.25	1.00
Crimson. Very rich	.25	1.00
Finest Mixed. All the colors	.25	.75

Dreer's New Late Aster Crimson King

A superb new late branching variety, with perfectly double flowers of rich, rosy crimson, full of fire. Fine for cutting, showing up well under artificial light. 50c per trade pkt.; $3.00 per oz.

Late Aster Violet King

A new and distinct color in the Late Branching class, fine large double flowers of a pleasing shade of violet, a strong, free grower and very free flowering. 40c per trade pkt.; $2.00 per oz.

Crego's Giant Comet Asters

Magnificent fluffy flowers, averaging over 5 inches across, with long strong stems; the finest of this type. Comes into bloom in August, continuing well into September, and unlike most of the Comet sorts, stands when cut and is a good flower to ship. We offer two colors, our own saving, of the highest quality.

	Trade pkt.	Oz.
Shell Pink	$0.40	$2.50
Snow White	.40	2.50

Early Wonder Asters

This is the earliest Aster in cultivation, being in full bloom when Queen of the Market is only in bud, frequently coming into bloom in late June. Very valuable for cutting.

	Trade pkt.	Oz.
Early Wonder White. Pure glistening white	$0.40	$2.00
Early Wonder Pink. A good, clear pink	.40	2.00

Dreer's New Aster Pink Beauty

A magnificent cut-flower variety, in bloom from early August until well on in September; 24 to 30 inches high; flowers average 4 inches across, on long, strong stems. Color a delicate blush pink, and pronounced by experts to be the finest pink mid-season sort yet introduced. 50c per trade pkt.; $4 00 per oz.

Queen of the Market Asters

The best and most popular early Aster.

	Trade pkt.	Oz.		Trade pkt.	Oz.
White	$0.20	$0.60	**Rose**	$0 20	$0.60
Lavender	.20	.60	**Purple**	.20	.60
Pink	.20	.60	**Crimson**	.20	.60
Finest Mixed, all colors				.15	.50

Henry A. Dreer, Seeds, Plants and Bulbs. Philadelphia

Mention The Review when you write.

ties from every corner of the globe. It contains by a full thousand varieties more than any other catalogue ever published. It is strictly up to date, containing even the best 1910 introductions of foreign and American growers. The descriptions are the original descriptions as given by the introducers and are translated into English from eight foreign languages.''

SEEDS AND THE WASTE.

The losses resulting from poor seed fall within five principal categories: (1) Seed not acclimatized or adapted to conditions, (2) seed of low producing efficiency, (3) seed of low vitality, (4) adulterated seed and weed seed, and (5) lack of trueness to type, or misbranded seed.

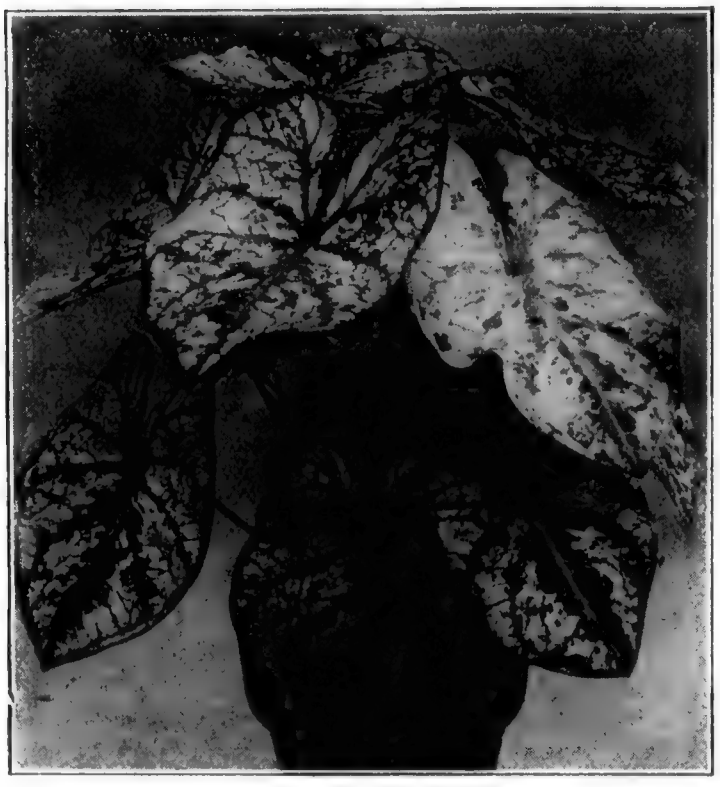
The importance of natural variation and differences in climate, in relation to agricultural production, has never been fully realized. As far as they are able, plants vary and adjust themselves to their environment. Under natural conditions only those survive which can modify their habits of growth so as to make a successful resistance to destructive influences and propagate their kind. The rest die. The longer a species or variety grows under a given set of conditions, the better each generation becomes adapted to grow and reproduce under those conditions. Those individuals which are less well adapted, and therefore less vigorous, continually give way to those which are better adapted, and therefore more vigorous.

When man enters in as a factor he may, and usually does in a considerable measure, interfere with these natural adjustments. He selects individuals and cultivates them for some natural peculiarity, and as a result intensifies these features; but unless he follows nature's methods and destroys the plants that are not best adapted to his conditions and requirements he soon gets a great mixture of individuals, good, bad and indifferent, and cultivates them all together, receiving poor returns for his labor, and preventing, because of the natural crossing that may take place between them and the less desirable plants, the progressive development and improvement of the better individuals.

On the other hand, if he selects for

An extract from a paper on "The Wastes of the Farm," by A. F. Woods, assistant chief of the Bureau of Plant Industry, published by the Department of Agriculture in its Yearbook for 1909.—Editor's Note.

Fancy Leaved Caladiums



An unexcelled collection of more than 150 varieties, including many of the newest Brazilian sorts, which are now offered for the first time.

SPECIAL SELECTIONS

	Per doz.	Per 100
Choice Standard Varieties	$1.50	$10.00
New or Rare Varieties	2.00	15.00
Selected New and Rare Varieties	3.50	25.00

For the most complete list of seasonable bulbs, such as

Tuberous Rooted Begonias, Gloxinias, Etc.

See Our Current Wholesale List

The above prices are intended for the trade only.

Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

propagation the individuals that give the best results under his peculiar conditions and prevents their crossing with the less desirable sorts, he soon develops a strain of high efficiency and productiveness for those particular conditions; but, like nature, he must continually select the good and persistently destroy the bad, or eventually lose all and see the variety "run out."

Selected seed of crops grown under severe limiting conditions will as a rule give good results the first year when grown under conditions less severe. The second generation, however, begins to vary and break up, and unless careful selection is practiced the crop soon becomes very unsatisfactory. For this reason many southern farmers think that they must each year get certain kinds of seed from the north, whereas from the variations occurring in their own fields they might easily breed or select strains much better adapted to their conditions. This is true of practically every important crop.

When seed is taken from regions where limiting conditions are less severe to regions of greater severity, the crop may be killed outright, with no return, or marked variation may result the first year. A uniform strain of tobacco taken from a tropical or subtropical locality to one of the north temperate tobacco regions at once breaks up into fifteen or twenty distinct strains. By careful selection any one of these may be gradually fixed and adjusted to the new conditions if crossing is prevented. Cotton, corn and other crops behave in the same way. These variations and adjustments result not only from climatic changes, but also from soil changes, such as the nature and concentration of salts in the soil, its physical condition, and the like.

Disease and insect pests also often destroy large numbers of individuals, leaving only the more resistant plants. If these are saved resistant strains can be developed. The great value of the straggling plant here and there that escapes some great epidemic or some cold wave, drought, or unfavorable soil condition

GLADIOLI...

Here is good value. All stock is 1½-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3 00	$25 00	Geo. Paul	$4 00	
Golden Queen	4.00	30.00	Giant Pink	4.00	$30.00
America	4 00	35.00	Le Pactole	3 00	25.00
Augusta	2 00	15.00	Klondyke	4.00	30.00
Africa	4 00		May	2.00	15.00
De Cheville	2 00	15.00	Mohonk	5.00	
Easter	1.50	12 00	Mrs. Francis King	2 50	20.00
Florida	2.00	15.00	Marie Lemoine	1.50	10.00

5 per cent discount for cash. Send for 1910 trade list.

E. E. STEWART, - Rives Junction, Mich.

Mention The Review when you write.

Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. **$15.00 per 1000; $1.75 per 100.**

H. N. BRUNS, 3040 Madison St., **CHICAGO**

Mention The Review when you write.

Every Florist Who Grows

ASTERS

should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

When writing, mention this paper.

JAMES VICK'S SONS
ROCHESTER, N. Y.

Mention The Review when you write.

Send for our new and complete Spring 1910 Catalogue.
Full List Seeds, Bulbs, Plants.
H. H. BERGER & CO., 70 Warren St., New York

Mention The Review when you write.

should be appreciated and its seed saved. Many valuable adaptations have been secured in this way.

The great importance of selecting and growing seed under the conditions under which the future crop must be grown is now apparent. Careful experiments and the experience of careful growers have abundantly demonstrated the truth of the facts presented. Seed breeders and growers especially must give attention to these points.

Assuming that every care has been taken to get seed well adapted to the conditions of culture, it is still important to see that the seed is of good vitality and capable of producing strong, vigorous plants. Great waste of land and labor results every year from the use of seed of low vitality. As a result of careful tests made by the Department of Agriculture of over 3,000 carefully selected ears of what was considered good standard seed corn, more than half of

Rawson's World Renowned Asters

We never had a dissatisfied customer with Rawson's Asters; we need no better recommendation. Rawson's Aster Seeds are fresh, plump and of unapproachable quality.

NOVELTIES FOR 1910

ASTER, AURORA. The most unique colored Aster ever introduced. Yellow, passing to old rose. The flower-petals first appearing are shaped similar to those of the "Comet" type and are a perfect yellow, but when the flower is fully expanded it takes on a tint of delicate fresh rose, which the artist calls "old rose." The plant grows fully 24 inches high in a pyramid form and produces any quantity of double blooms 3½ inches across. Pkt., 35 cts.

ASTER, CACTUS CELESTINE. A new form of petal, resembling exactly a true Cactus Dahlia. The color is a most delicate lilac of unusual beauty. Pkt., 20 cts.

ASTER, CROWN OF GOLD. A pure, delicate yellow flower, of good size and borne on stout stems, resembling in shape the Victoria Aster. Its color is original and did not exist heretofore. Pkt., 20 cts.

ASTER, RAWSON'S NEW GLORY.

(Introduced by us in 1909.)

The most perfected type of Giant Comet that can possibly be produced. The flowers invariably measure 6 inches across and are always double. In our whole field last year we could not discover a single plant which showed the least sign of disease. The long stems are graceful and not stiff. Colors are distinct and most desirable for commercial use.

	⅛ oz.	¼ oz.	oz.
Pure White	$0.60	$1.00	$3.50
Delicate Lavender	.60	1.00	3.50
Shrimp Pink	.60	1.00	3.50
Finest Mixed	.50	.80	3.00

ASTER, TRIUMPH OF PARIS. The nearest approach to a yellow aster. The form is a single comet with a quilled center. The petals consist of two rows of glistening white, while the quills are a clear yellow. Stems range 2 feet in height and produce the giant blooms singly. A grand aster for the florist. ⅛ oz., $1.00.

THE CREGO ASTER. This aster is the nearest approach to a chrysanthemum of any flower grown. It is unusually large in size, running 4 to 5 inches in diameter when well grown. The petals are about double the length of those in the older varieties, and are twisted and curled in such a manner as to give the blossoms an exceedingly beautiful fluffy appearance. The plants are large and vigorous, producing their blossoms on very long stems. The central stalk is very short, the branches breaking out very near the ground, are generally clean their entire length, needing little or no disbudding, making it the easiest variety to prepare for market I have ever seen. Our seed is direct from the originator.

		⅛ oz.	½ oz.	oz.
Colors:	Pure White	$1.00	$3.50	$6.00
	Shell Pink. (Exact shade of Enchantress Carnation)	1.00	3.50	6.00
	Dark Pink	1.00	3.50	6.00

ASTER, RAWSON'S PINK BEAUTY. Unquestionably a grand and valuable florist aster and mainly so on account of its color and massive flower. The form of flower is a perfected Victoria which never shows a center. The color is so intensely beautiful that a graphic description can never do it justice. Delicate peach-tinted pink with a glowing shade of rich pink towards the center. No other aster can boast of such a pleasing combination. The stem of this flower is fairly tall and very erect. The plant branches from the bottom. ⅛ oz., 60 cts.; oz., $4.00.

NOVELTIES FOR 1910—Continued

ASTER, GEISHA. This strain originated in Japan and this can easily be seen in the formation of the flower. We were so much impressed with the attention the visitors to Rawson's Dahlia Farm paid to this fantastic type that we were actually forced to catalogue it and now believe it has a great future. The plant is extremely robust and produces stout stems growing very erect and carrying their gigantic flower formed of fine needle-shaped tubed petals around a conspicuous central disc. The very open center of this flower has an immense charm which appeals to the public, and as we must first of all please them, this is a point in its favor.

		⅛ oz.	oz.
Colors:	Pure White	$0.60	$4.00
	Salmon Pink	.60	4.00
	Delicate Lavender	.60	4.00
	Finest Mixed	.60	4.00

STANDARD VARIETIES

DAWN OF DAY

(Novelty, 1908.) The earliest flowering Aster in existence. Fine white, perfect in form and growth, long branching stems and flowers; often three weeks ahead of Queen of the Market. It is of branching habit and very full and if freely cut will continue to bear blooms until late in fall. See last week's Review, page 8. ⅛ oz., 50c; oz., $3.00.

RAWSON'S NEW MIDSUMMER ASTER.

This is our own introduction. We have received high praise from all growers. It has most graceful formed flowers, which are borne on immense long stems full two weeks ahead of the Late Branching Aster, and the plants will continue to bear flowers as late.

The colors are true and hardly any open-centered flowers among them.

	¼ oz.	oz.		¼ oz.	oz.
Pure White	$0.60	$2.00	True Lavender	$0.60	$2.00
Delicate Shell Pink	.60	2.00	Bright Rose	.60	2.00
Royal Purple	.60	2.00	Finest Mixed	.50	1.50

RAWSON'S DAYBREAK. This variety must not be compared with the strain offered elsewhere and a trial will convince the ever-so-critical of its superiority. ⅛ oz., 40c; oz., $2.50.

RAWSON'S PURITY. (Pure white.) Of the same type as Daybreak, differing only in color, which is a pure glistening white. Just as free-flowering and symmetrical as Daybreak and undoubtedly unsurpassed as a white bedding variety. ⅛ oz., 50c; oz., $3.00.

ASTER, RAWSON'S LATE BRANCHING. Flowers are very large in size and borne on long, stiff stems. It is one of the best and most popular varieties for late flower markets.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.25	$0.75	Rose Pink	$0.30	$1.00
Crimson	.30	1.00	Shell Pink	.30	1.00
Dark Blue	.30	1.00	Scarlet	.30	1.00
Light Blue	.30	1.00	White	.30	1.00

RAWSON'S QUEEN OF THE MARKET ASTER. The best early Aster for the Florist, quality being very much improved.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.15	$0.50	Rose	$0.20	$0.60
Crimson	.20	.60	Peach Blossom	.20	.60
Dark Blue	.20	.60	White	.20	.60
Light Blue	.20	.60			

TWO NEW SALVIAS FOR 1910

ZURICH. The best salvia yet introduced. Plants grow very compact, show little foliage and bear heavy flower spikes, which are thickly laden with bright scarlet flowers. Flowers early in July and remains in bloom with later varieties, ⅛ oz., 75c; oz., $5.00.

SALVIA SPLENDENS, KING OF CARPETS. The best dwarf bedding Salvia on the market today, outrivaling even "Zurich." The plants branch from the bottom and to such extent that the main stem is never visible. All side branches droop completely to the ground, making the whole plant a perfect half ball of fire. The plant grows but 15 inches high and flowers even earlier than "Zurich." ⅛ oz., $1.00; oz., $6.00.

The veteran Salvia grower, Mr. F. Bedman, says: "About the Salvia, 'King of Carpets.' It has done very well considering the dry weather that we have had, and I consider it one of the grandest dwarf salvias that I ever saw."

W. W. RAWSON & CO.

5 Union Street, BOSTON, MASS., U. S. A.

Mention The Review when you write.

the ears were found to be of low vitality and unfit for seed. By testing individual ears and rejecting those of low vitality, an average gain in yield of nearly fourteen per cent could be secured as a result of the better stand and better productiveness of strong plants.

The same is true of other cereals. The seed of clover, alfalfa and other forage crops and grasses often contains a considerable percentage of seed of low vitality, ranging all the way from ten to ninety per cent in samples of different grades. Farmers often buy this cheap seed thinking that they are saving money, when as a matter of fact they are paying two or three times as much for the small amount of good seed obtained as they would pay had they bought good seed in the first place at twice the rate per pound paid for the poor seed.

An analysis of sixty-one samples of low-grade clover seed imported during the year ended June 30, 1906, showed the following average composition:

Red clover seed	per cent	74.06
Other seeds	do	12.17
Dirt and broken seeds	do	13.83
Live red clover seed in sample	do	43.16
Price paid per 100 pounds		$7.61
Actual cost per 100 pounds, based on percentage of good seed		$20.39

More than seventy-five per cent of these samples contained dodder. Nearly 1,000,000 pounds of this poor seed were imported during the year mentioned.

An analysis of high-grade samples showed the following average composition:

Red clover seed	per cent	97.73
Other seeds	do	.85
Dirt and broken seeds	do	1.42
(Five kinds of weed seeds were found in the sample.)		
Live red clover seed in sample	do	96.55
Price paid per 100 pounds		$15.05
Actual cost per 100 pounds, based on percentage of good seed		$15.58

Similar results were secured with seed of other forage crops and grasses.

Poor seed cannot produce good plants, and poor plants give poor returns or no returns at all. If good seed and poor seed are mixed, a poor stand is secured and the returns diminished accordingly. Small, light seed are as a rule less vigorous than heavy, plump seeds. A difference in yield per acre of about fifteen per cent was found between light and heavy cotton seed. A similar difference in yield, uniformity and value of product

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

just arrived. Our usual high grade quality. Also cold storage pips.

PRICES ON APPLICATION.

J. M. THORBURN & CO.

33 Barclay Street, through to 34 Park Place, NEW YORK.

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OUR SPECIALTY

Next fall will be
LYCORIS SQUAMIGERA (Amaryllis Hallii.)
HOME-GROWN LILIUMS.
All varieties of German and Japan Iris.
—Write for prices.—

JOHN LEWIS CHILDS, Floral Park, N. Y

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LILIES

Lilium Tenuifolium, Lilium Wallacei, Single and Double Tigers, named Elegans, German Iris, Delphinium Formosum.

E. S. MILLER

Wading River, Long Island, N. Y.

Mention The Review when you write.

was found between light and heavy tobacco seed and light and heavy radish seed; but when seed is of low vitality on account of old age or from any other cause the loss from its use is much greater, often amounting to a complete failure of the crop. Seed should always be tested before planting, and seed of low vitality rejected. It pays also to separate the light from the heavy seed and use only the latter. So far as its facilities permit, the Department of Agriculture is always glad to examine and test seed for farmers and seedsmen.

Adulterated and Misbranded Seeds.

Some of this poor seed is introduced to blend with good seed so that it can be sold at a lower price. Some of the worst weeds, like dodder and Canada thistle, have been introduced and spread in this way. Some samples of imported seed have been secured containing as many as eighty different kinds of weed seeds. The loss from weeds and the cost of fighting them is great and is so well understood as to need no discussion.

There are many varieties of vegetables and flowers that have seed so nearly alike that even an expert cannot tell them apart. However, the crops they produce are at once distinguished in the markets. Not only the variety but also the locality in which it is grown is very important. The western-grown Rocky Ford muskmelon seed looks exactly like the eastern-grown seed of the Netted Gem muskmelon, from which the former was derived by culture and selection in the west. If the farmer orders Rocky Ford seed and gets Netted Gem, his crop will not bring the high price of Rocky Ford melons in the markets.

FLORISTS' FLOWER SEEDS

	Trade pkt. of about 1000 seeds.	Oz.
Aster—Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
" Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
" Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
" Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1.00
" American Beauty	.25	2.00
" Snowdrift	.25	1.50
Pansy—Currie's International Mixture	⅛ oz., $1.25 .50	8.00
" Giant Florists' Mixture	⅛ oz., .60 .85	4.00
Verbena—Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
Stocks—Largest Flowering Dwarf Double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
" Cut and Come Again, white, mixed	.25	2.50

Send for 1910 catalogue and trade price list.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

Mention The Review when you write.

Reliable Seeds, Sow Now

			Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts., $1.25;	oz., $5.00	$0.25
Begonia Zangen's New Pink Bedding Queen, best pink bedder	6 tr. pkts.,	2.50	.50
Echeveria Woodlawn, new, ready in 6 months after sowing	1000 seeds,	2.00	.50
Petunia, Zangen's **Single Ruffled and Fringed Hybrids**	6 tr. pkts.,	5.00	1.00
Phlox Drummondi, nana compacta **Fireball**	Best for pot use. oz.,	2.50	.35
Phlox Drummondi, dwarf **Roseball**	"	2.00	.30
Phlox Drummondi, nana compacta **Snowball**	"	8.00	.40
Phlox Drummondi Cecily, large flowered dwarf mixed	"	2.50	.35
Salvia Zangen's King of Scarlets, best late	Unexcelled strain of my own raising. "	10.00	.50
Salvia Zurich, most valuable for early pot use	"	8.00	.50

If you are interested in Flower Seeds of horticultural and floricultural value, ask for Catalogue.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the Originator of All Winter-flowering Sweet Peas

ANT. C. ZVOLANEK, Bound Brook, N. J.

Mention The Review when you write.

Fine Aster Seed

Catalogue now ready

Vick & Hill Co.

P. O. Box 613 ROCHESTER, N. Y.

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XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

PETUNIA STAR, improved, finest marked flowers, very fine, pkt., 20c.

PETUNIA GIANT, single fringed, large and fine, pkt., 20c.

PHLOX DRUM. PUMILA, very dwarf, grand for pots, fine colors, pkt., 20c.

COLEUS, New Hybrids, finest colors, pkt., 20c.

GIANT PANSY, finest grown, critically selected. 6000 seeds, $1.00; ½ pkt., 50c; oz., $2.50.

CHINESE PRIMROSE, finest grown, single and double, 500 seeds $1.00; ½ pkt., 50c.

PRIMULA KEWENSIS, the grand, new, sweet scented, Yellow Primrose, pkt., 20c.

SALVIA WM. PFITZER, very fine, dwarf, fiery red, extra, trade pkt., 25c.

VERBENA, Improved Mammoth, finest giants grown, mixed or separate, of white, scarlet, pink, striped and Auricula-eyed, large trade pkt., 25c.

CINERARIA, large flowering dwarf mixed, 1000 seeds, 50c.; ½ pkt., 25c.

LOBELIA PUMILA SPLENDENS, dwarf, very dark blue, finest of all the Lobelias, pkt. 20c.

SHAMROCK

IRISH. THE REAL THING! GREEN

Best to order early and grow on for strong plants for St. Patrick's Day. Our stock is very fine, $4.00 per 100, or by mail, postpaid, 50c doz.

CASH. Liberal extra count.

JOHN F. RUPP, Shiremanstown, Pa.

RUPPTON: The Home of Primroses

Mention The Review when you write.

Asparagus Sprengeri	per 1000 seeds,	$0.75
Petunia, large-flowering, double-fringed,	tr. pkt.	1.00
Petunia, large-flowering, single-fringed,	tr. pkt.	.50
Petunia, large-flowering, single California Giants	tr. pk	.5
Salvia Zurich	oz.,	5.00
Salvia Triumph	oz.,	5.00
Moon Flower, white seed		.35

Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W. C. BECKERT, Seedsman

103 Federal St., N. S., PITTSBURG, PA.

Mention The Review when you write.

Western-grown sweet corn seed produces a crop of twenty to forty per cent lower quality than eastern-grown seed. Still, much of the seed corn sold in eastern markets is western-grown seed sold as eastern-grown. The market gardener or farmer who buys it suffers corresponding loss in the value of his crop. The

CANNAS

F. O. B. Chicago or New York

For Immediate Delivery

Red-flowering Shades

	100	1000
Louisiana, 7 ft.	$1 75	$15.00
Alice Roosevelt, 4 ft.	3.00	25 00
A Bouvier, 5 ft.	1.50	14.00
Beaute Poitevine, 3½ ft.	2 00	17 50
Black Prince, 3 to 4 ft.	2.25	20.00
Chas. Henderson, 4 ft.	1.75	15.00
Crimson Bedder, 3 ft.	2.00	17.50
Duke of Marlborough, 4½ ft.	1.75	15.00
J. D. Eisele, 5 ft.	1.75	15.00
Exp. Crampbel, 5½ ft.	1.50	14 00
Express, 2 to 2½ ft.	2.25	20.00
Pres. McKinley, 2½ to 3 ft.	1.50	14 00
Tarrytown, 3½ ft.	1.75	15.00

Red, Gold-edged and Spotted Shades

	100	1000
Gladiator, 4 ft.	$2.75	$25.00
Cinnabar, 4½ ft.	1.75	15 00
Indiana, 3 to 4 ft.	1.75	15.00
Queen Charlotte, 3½ ft.	2.25	20 00
Mme. Crozy, 5½ ft.	2.25	20 00
Premier, 2½ ft.	2 00	17.50
Souv. de A. Crozy, 4 ft.	2.75	25.00

Pink Shades

	100	1000
L. Patry, 4½ ft.	$1.75	$15.00
Louise, 5 ft.	2.00	17.50
Mlle. Berat, 4½ ft.	1 75	15.00
Tennyson, 5½ ft.	2.75	25.00

Yellow Shades

	100	1000
Buttercup, 3½ ft.	$1.75	$15.00
C. de Bouchard, 4½ ft.	2 00	17.50
Florence Vaughan, 5 ft.	2.50	20 00
L. E. Bailey, 4½ ft	2.75	25.00
Richard Wallace, 4½ ft.	2.75	25.00

White and Cream Shades

	100	1000
Alsace, 3½ ft.	$1.75	$15.00

Bronze-leaved, Large-flowered

	100	1000
Brandywine, 4 to 5 ft.	$2.00	$17.50
Black Beauty, 5 ft.	2.75	25.00
David Harum, 3½ ft.	2.75	25.00
Egandale, 4 ft.	1.50	14.00
King Humbert, 4 ft.	3 25	30.00
Leonard Vaughan, 4½ ft.	1.75	15.00
Musafolia, 5 ft.	2.75	25.00
Pillar of Fire, 6 to 7 ft.	2 25	20.00
Robusta, 6 to 8 ft.	1.75	17.50
Shenandoah, 6 ft.	1.75	15.00

Orchid-flowering Cannas

	100	1000
Allemania, 4 to 5 ft.	$1.75	$16 00
Austria, 5 ft.	1.25	12.00
Italia, 4½ ft.	1.75	15.00
Kronus, 5 ft.	1.75	15.00
Mrs. Kate Gray, 6 ft.	1.75	15.00
Pennsylvania, 5 ft.	1.75	15.00
Wyoming, 7 ft.	2.75	25.00

Study this—Our Cannas are true to name—2 and 3, sometimes 4 eyes—are sound, dormant, and are packed 250 in a box; two can be "cleated" together and shipped as one. One box of 250 sold at 1000 rate; it is cheaper for you to buy a box than 200 at 100 rate. Write for special prices on large lots.

Chicago and Western Agents for our Cannas

WINTERSON'S SEED STORE, 45-47-49 Wabash Ave., CHICAGO

ARTHUR T. BODDINGTON

Seedsman, 342 W. 14th St., NEW YORK CITY

Aster Seed

SMITH'S PEERLESS

Also a good line of the late branching type for Florists and Market Gardeners.

Catalogue Free.

ELMER D. SMITH & CO.
Adrian, Mich.

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BURNETT BROS.
SEEDS :: BULBS :: PLANTS
72 Cortlandt St. NEW YORK CITY
Mention The Review when you write.

same sort of substitution is often practiced by dishonest seedsmen with many kinds of vegetable seed, thus causing the farmer and the market gardener very great losses. The grower finds when he comes to harvest his crop that it is not what he contracted to supply and not what the market demands.

TIME TO PLANT ASTERS.

When should early asters be planted inside; also late asters? How far apart should they be planted? C. S. L.

Plant early asters inside about April 1 and set the plants about eight to ten inches apart each way. Plant the latest ones about July 1. A. F. J. B.

NARCISSI AND TULIPS.

We wish to grow daffodils and tulips another year and should like to know the best varieties to grow to have them in bloom from Christmas right on to Easter, and how to handle the bulbs to get the best results. J. S. & S.

The best varieties of narcissi to grow are: Trumpet Major, French bulbs, for Christmas and through January, and then Golden Spur to follow it. The latter can be had by the middle of January, but comes better at the end of the month. These are the two best forcing narcissi. Princeps is a cheap, easily grown variety and easily forced; it is somewhat lacking in substance, but is still sold in large quantities. N. poeticus ornatus may be had in flower from January 20 until Easter, or later. N. poeticus is useful in March and April. It will not force like ornatus. For a large, white winged trumpet narcissus, there is nothing to beat Victoria. It is best during February and March. There are a number of other narcissi that are grown commercially to some extent. These include Henry Irving, Emperor, Empress, Sir Watkin and Leedsii.

La Reine is the most popular early forcing tulip. It is not good at Christmas, but after the middle of January comes finely. Yellow Prince is a good yellow and Belle Alliance is a useful scarlet. Cottage Maid, Thomas Moore, Keizerkroon, Proserpine and Rose Grisdelin are other inexpensive and useful early tulips for forcing. In doubles Couronne d'Or and Murillo are the leaders.

Place your bulbs in flats or pans as soon as possible after receiving them. The narcissi will do well on a dark cellar floor without any covering, but the tulips should have a coating of fine cinders until they are sprouted a couple of inches. For the earliest batches the tulips should be placed in a case which can be darkened, as for lily of the valley. They will stand a brisk top heat, but do not need any bottom heat. It will be necessary to grow all the early batches of tulips dark until they have sufficient length of stem. If placed directly in light, they would be too short-stemmed. In the case of narcissi it is less necessary to draw them up. The flats can be stood below the benches and placed up in full light before the flowers start to open.

You will find cultural articles on bulb forcing later in the year, giving full particulars as to varieties, compost, etc., which please consult. C. W.

DAYTON, O.—H. H. Ritter has had excellent success with a bench of Eucharis Amazonica. The flowers sold readily at $3 per dozen, retail.

Dormant Cannas

Guaranteed true to name. Fine, plump stock, with from two to three eyes each.

Bronze-leaved

	Doz.	100	1000
David Harum	$0.50	$3.00	$25.00
Egandale	.50	3.00	20.00
King Humbert	1.25	8.00	60.00

Orchid-flowered

	Doz.	100	1000
Allemania	$0.35	$2.25	$18.00
Austria	.50	3.00	20.00
Burbank	.30	2.00	15.00
Fred. Benary	.90	6.00	55.00
Italia	.50	3.00	20.00
Kate Gray	.40	2.50	22.50
Partenope	.40	2.50	22.50
Pennsylvania	.40	2.50	17.50

Pink Flowers

	Doz.	100	1000
L. Patry	$0.35	$2.25	$17.50
M. Berat	.40	2.50	20.00

Red Flowers

	Doz.	100	1000
Chas. Henderson	$0.40	$2.50	$17.50
Chicago	.40	2.50	22.50
Explorateur Crampbel	.50	3.00	22.50

Variegated Flowers

	Doz.	100	1000
Elizabeth Hoss	$0.60	$4.00	$30.00
Florence Vaughan	.50	3.00	25.00
Souv. D'Antoine Crozy	.60	4.00	30.00

Yellow and Green Flowers

	Doz.	100	1000
Buttercup	$0.90	$6.00	$50.00
Coronet	.60	4.00	35.00
Alsace	.50	3.00	25.00

Hofgartner Hoppe, 90c per doz.; $6.00 per 100 $50.00 per 1000. **George Birdell,** $1.25 per doz.; $8.00 100, $70.00 1000. **George Washington,** 50c per doz., $3.50 100; $27.50 1000.

Mosbæk Greenhouse Co., Onarga, Ill.

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LILIUM GIGANTEUM

7/9, fine bulbs, $24.00 per case. Ready for delivery from cold storage as desired.

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Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

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Absolutely Fresh Seed of the Best Germinating Qualities

	1-16	1/8	1/4	1/2	1-Oz.
Asters, Home Grown Seed					
Snowdrift	$0.40	$0.60	$1.00	$1.75	$3.00
Purity		.30	.50	.80	1.50
Royal Purple		.30	.50	.80	1.50
Violet King	.20	.35	.50	.80	1.50
Queen of Market					
Rose, Lavender, White	.15	.20	.35	.60	
Early Branching					
White and Rose	.20	.35	.65	1.25	
Late Branching					
White, Rose Pink Lavender, Purple, Crimson, Dark Violet	.20	.35	.65	1.25	
Upright Branching					
White		.30	.50	.80	1.50
Rose and Purple	.30	.50	.75	1.25	2.00
Hohenzollern Early					
White, Rose, Lavender, Light Blue, Dark Blue	.30	.50	.75	1.25	2.00
Hohenzollern Late					
White	.30	.50	.75	1.25	2.00
Daybreak		.30	.50	.80	1.50

	Trade Pkt.	1/4 Oz.	Oz.
Salvia			
Bonfire	$0.25		$2.25
Splendens	.15		1.00
Verbena			
Mammoth S. & I. Mixture	.25	$0.50	1.50
Petunia			
Giants of California	.50	1-16 oz.	$2.00
Ruffled Giants	.50	" "	2.50

Double Large Flowering S. & I. Mixed (500 seeds), 75c; (1000 seeds), $1.50.

SKIDELSKY & IRWIN CO.
1215 Betz Bldg. PHILADELPHIA

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KING HUMBERT CANNAS

Started plants, ready March 15.
$6.00 per 100; $50 00 per 1000.

Furrow & Company, Guthrie, Okla.

Edward Reid, WHOLESALE FLORIST. 1526 Ranstead St., Philadelphia, Pa.

Daffodils, Tulips, Spring Flowers and all Seasonable Varieties of **Cut Flowers**

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PITTSBURGH CUT FLOWER CO.

WHOLESALE FLORISTS AND GROWERS

The House That Has and Sells Good Goods at Fair Prices .·. .·.

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

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Wholesale Cut Flower Prices.

Philadelphia, Feb. 16, 1910.

	Per doz.	
Beauty, Specials		$7 50
" Extra		6 00
" Medium	3.00 to	4 00
" Short	1.50 to	2.00
	Per 100	
Killarney, My Maryland, Select	$12 00 to	$15 00
" " Ordinary	5.00 to	8 00
Maid, Select	8.00 to	10.00
" Ordinary	4.00 to	6 00
Bride, Richmond, Select	12.00 to	15.00
" " Ordinary	5.00 to	8 00
Carnations, Fancy	3.00 to	4.00
" Select		2.50
" Ordinary	1.50 to	2.00
Easter Lilies, per doz., $1.50		10.00
Callas, per doz, 1.50		
Adiantum	1.00 to	1.50
Asparagus Plumosus, strings	50.00 to	75 00
" sprays		50.00
" Sprengeri		50 00
Smilax	15.00 to	20.00
Valley	3.00 to	4 00
Cattleyas, per doz., $6.00 to $7 50		50.00
Cypripedium, each 12½c		
Gardenias, doz. $2.00 to $4.00		
Violets, Double, Fancy		.75
" Ordinary		.50
Violets, Single, Fancy	.75 to	1.00
" Ordinary	.40 to	.50
Sweet Peas	.75 to	1.00
Yellow Daisies	2.00 to	2.50
White "	1.50 to	2 00
Mignonette	3.00 to	5.00
Pansies		.75
Snapdragon	1.00 to	1.50
Romans	1 50 to	2.00
Paper Whites	2.00 to	2.50
Daffodils	4.00 to	5.00
Freesias	3.00 to	.00
Tulips	2.00 to	5.00
White Lilac, per bunch $1 00		
Acacia pubescens, per bunch 2 50		
Myosotis	3.00 to	4.00
Dagger Ferns, per 1000, $2.00		

BALTIMORE.

The Market.

Cut flower trade has been fairly active considering the weather of last week, which was quite severe on all kinds of stock, the temperature running close to the zero mark. Roses are in no better supply than when last reported; their quality has perhaps improved a little, but values have not advanced. Really good specials bring top prices, but the lower grades move much better at quoted prices than the best, for the reason that they are most in demand. Carnations are coming in large consignments, but a large percentage of them are busted, which causes them to be closed out at low prices, although good stock is in heavy demand. Violets are in oversupply and can be had at 40 cents per hundred. Daffodils are hard to move at any price, especially in the markets. Sweet peas have found a ready sale, especially pink, which bring from 75 cents to $1 per hundred. Some have 15-inch stems. Azaleas are more plentiful this year than for a number of years and can be had at any price and size, but the reds are chiefly in demand, due mostly to St. Valentine's day.

Various Notes.

Monday, February 14, is to be carnation night at the Gardeners' Club, when one of the finest displays ever shown by the members of the club will be seen. A fine display of novelties will be shown from out-of-town growers.

R. Vincent, Jr., & Sons Co. has shipped over 200,000 geraniums up to the present writing and is propagating them in countless numbers. There is a heavy demand for canna and dahlia roots, more so than for the two previous years.

Halliday Bros have one of the finest displays of carnations to be seen around Baltimore. They have five houses planted with all the leading varieties and have been cutting heavily since November.

Q.

FANCY GARDENIAS, DAFFS AND PEAS

GRAFTED ROSES. White Killarney, Waban Strain, $120.00 per 1000. Pink Killarney, Maryland, $100.00 per 1000. From 2½-in. pots, delivery March 15.

Open from 7:30 a. m. to 8 p. m.

Philadelphia Cut Flower Company Wholesale Flowers

We have everything in season in Cut Flowers 1517 Sansom St., PHILADELPHIA

Mention The Review when you write.

BEAUTIES, VIOLETS AND CARNATIONS

Eugene Bernheimer, 11 S. 16th St., PHILADELPHIA, PA.

Mention The Review when you write.

Arbutus, Fancy Carnations, Daffs, Sweet Peas, Easter Lilies and My Maryland

SAMUEL F. LILLEY. Wholesale Florist

A good market for more Choice Flowers

1514 Sansom St., PHILADELPHIA, PA.

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WM. J. BAKER, Pansies, Peas and Callas

Wholesale Florist

1432 So. Penn Sq., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Feb. 16, 1910.

	Per doz.	
Beauty, Specials	$5.00 to	$6 00
" Fancy	3.00 to	4 00
" Medium	2.00 to	2 50
" Short	.75 to	1.50
	Per 100	
Bride and Bridesmaid, Fancy	$10.00 to	$12.00
" " Medium	6.00 to	8.00
" " Short		4.00
Richmond	8.00 to	15.00
Killarney	6.00 to	15.00
White Killarney	6 00 to	15.00
My Maryland	6.00 to	12.00
Carnations		3 00
" Ordinary	1 50 to	2.00
Adiantum	1.00 to	1.25
Smilax		15.00
Valley	2.00 to	4.00
Lilies		12.00
Roman Hyacinths	1.50 to	3.00
Paper White Narcissi		3.00
Sweet Peas	.50 to	1.00
Mignonette	3.00 to	4 00
Cattleyas		60.00
Daisies	1.50 to	3.00
Violets	.50 to	1.00
Single Violets	.50 to	.75
Trumpets	3.00 to	4 00
Callas		12.00
Tulips	3.00 to	4.00
Pansies		1.00
Primroses	.15 to	.50

J. B. MURDOCH & CO.

714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

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The McCallum Co.

Wholesale CUT FLOWERS

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Headquarters of Western Pennsylvania Growers

937 Liberty Ave., PITTSBURG, PA.

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ROSES

J. W. YOUNG

Upsal Station, P. R. R., GERMANTOWN, PHILA.

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Tel. No. 1415-1416 Madison Square

Stands at Cut Flower Exchange, Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

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Magnolia Leaves

Green and Brown, $1.75 per basket of 1000 leaves

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Wholesale and Retail Dealer in ALL KINDS ...OF...



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Wholesale Cut Flower Prices.

New York, Feb. 14, 1910.

	Per 100	
Beauty, Specials	$30.00 to	$40.00
" Fancy	20.00 to	30.00
" Extra	10.00 to	15.00
" No. 1	6.00 to	10.00
" No. 2	2.00 to	4.00
Bride and Maid, Specials	6.00 to	8.00
" " Extra	5.00 to	6.00
" " No. 1	2.00 to	4.00
" " No. 2	1.00 to	2.00
Richmond	2.00 to	12.00
Chatenay	2.00 to	10.00
Killarney	2.00 to	10.00
My Maryland	2.00 to	10.00
Orchids	30.00 to	60.00
Carnations, Common	.50 to	1.00
" Select and Fancy	1.00 to	2.00
" Novelties	3.00 to	4.00
Adiantum Cuneatum	.50 to	.75
" Croweanum	.75 to	1.00
Asparagus Plumosus, bunches	15.00 to	25.00
" Sprengeri "	10.00 to	20.00
Smilax	8.00 to	10.00
Lilies	8.00 to	12.00
Lily of the Valley	1.00 to	3.00
Gardenias	10.00 to	25.00
Violets	.25 to	.50
Callas	10.00 to	15.00
Cypripediums	8.00 to	10.00
Sweet Peas...per bunch, 2c to 8c		
Narcissus	1.00 to	2.00
Roman Hyacinths	1.00 to	2.00
Tulips	1.00 to	2.00
Stevia, bunch	$0.05 to $0.25	
Mignonette...per doz. .25 to .75		
Daffodils	1.00 to	2.00
Lilac, bunch	50c to $1.00	
Pansies, bunch	4c to 6c	

B. S. SLINN, Jr.

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Our Specialty, fitting up artistically many of the leading florist stores of New York.

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Open 6 a. m. every morning in the year.

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Room for the products of growers of first-class stock

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24 Stone Street, ROCHESTER, N. Y.

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Wholesale Cut Flower Prices.

Boston, Feb. 16, 1910.

	Per 100
Beauty, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2.00 to 10.00
Killarney	3.00 to 16.00
White Killarney	4.00 to 16.00
Richmond	4.00 to 16.00
My Maryland	3.00 to 12.00
Carnations, Special	4.00 to 5.00
" Select	2.50 to 3.00
" Ordinary	1.50 to 2.00
Cattleyas	40.00 to 50.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12.50
Sweet Peas	.25 to 1.50
Lilium longiflorum	8.00 to 10.00
Tulips	2.00 to 3.00
Pansies	.50 to 1.00
Violets	.25 to .50
Gardenias	20.00 to 25.00
Cypripediums	8.00 to 10.00
Paper White Narcissus	1.50 to 2.00
Roman Hyacinths	1.50 to 2.00
Mignonette	2.00 to 6.00
Bouvardia	2.00 to 3.00
Callas	8.00 to 10.00
Yellow Narcissus	2.00 to 3.00

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48 W. 28th Street, NEW YORK

Telephone 3870-3871 Madison Square

The Largest Shippers and Receivers of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

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We have room for a few more good growers. Prompt payments and top prices.

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The best way to collect an account is to place it with the

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56 Pine Street, NEW YORK

Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.

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EVERYTHING

60 Wabash Avenue **CHICAGO**

PRICE LIST

	Per 100
Killarney	$6.00 to $10.00
Richmond	6.00 to 10.00
W. Killarney	6.00 to 10.00
My Maryland	6.00 to 10.00
Maid	6.00 to 10.00
Bride	6.00 to 10.00
Carnations	2.00 to 4.00
Violets, fancy N. Y. doubles	.50 to 1.25
Violets, single	.50 to 1.25
Sweet Peas	.50 to 1.25
Tulips	4.00
Valley	4.00
Adiantum	1.25

Ferns, per 1000, $2.00

Extra Fancy billed accordingly

Prices NOT subject to raise without notice to regular customers.

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52-54 WABASH AVE., CHICAGO

Write for Special Prices.

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Wholesale Cut Flower Prices.

Chicago, Feb. 16, 1910.

	Per doz.
Beauty, long stems	$5 00
" 36-in. "	4.00
" 30-in. "	3.00
" 24-in. "	2.50
" 20-in. "	2.00
" 15-in. "	1.50
" 12-in. "	1.00
" short "	.75
	Per 100
Bridesmaid, Special	$10 00
" Firsts	6.00 to 8.00
" Short	4.00
Bride, Special	10.00
" Firsts	6.00 to 8 00
" Short	4 00
Richmond, Specials	10.00 to 12 00
" Firsts	6 00 to 8.00
" Seconds	3.00 to 5 00
Uncle John, Specials	10.00
" " Firsts	6.00 to 8 00
" " Short	3.00 to 5.00
Killarney, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
White Killarney, Specials	12.00
" " Firsts	8.00 to 10.00
" " Seconds	4.00 to 6.00
My Maryland, Specials	12 00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Mrs. Jardine, Specials	12.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Perle	4.00 to 10.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00
Violets	.50 to .75
Sweet Peas	.50 to 1 50
Paper Whites	3.00
Romans	3.00
Jonquils	3.00 to 4.00
Tulips	3.00 to 4.00
Freesia	3.00
Cattleyas per doz.	$6 00–$7.50
Gardenias per doz.	$2 00 to 4.00
Easter Lilies "	1.50 to 2.00
Callas "	1.50 to 2.00
Valley	3.00 to 4.00
Asparagus, strings	50.00 to 75.00
" sprays bunch	35c-75c
" Sprengeri "	25c-35c
Ferns per 1000,	$2.00 .25
Galax "	1.00 .15
Adiantum	.75 to 1.25
Farleyense	8.00 to 12.00
Smilax, per doz.	$1.50–2.00
Leucothoe	.75
Boxwood	$7.50 per case

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The Munk Floral Co.

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Cut Flowers

Columbus, :: Ohio

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WHOLESALE GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

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PHONE CENTRAL 879

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Greenhouses, Des Plaines, Ill. Sto'e, 51 Wabash Ave., CHICAGO

Long Distance Phone, Randolph 2758.

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Wholesale Growers and Shippers of

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51 Wabash Ave., Chicago

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The Denver Wholesale Florists Co.

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CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens—WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.

Write for quotations on large quantities.

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WELCH BROS., 226 Devonshire Street, Boston

The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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Wholesale Growers of... Cut Flowers

All telegraph and telephone orders given prompt attention.

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John Kruchten

Wholesale Cut Flowers

51 Wabash Ave., CHICAGO

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Our Specialties.

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Wholesale Cut Flower Prices.

Cincinnati, Feb. 16, 1910.

	Per 100
Beauty, Extra	$25.00 to $35.00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 10.00
Bride and Maid, Extra	10.00
" " No. 1	8.00
" " No. 2	5.00
Killarney	6.00 to 8.00
Richmond	6.00 to 10.00
My Maryland	6.00 to 10.00
Rhea Reid	6.00 to 10.00
Carnations	1.50 to 3.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	2.00 to 3.00
Lilium Harrisii	10.00 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	4.00 to 5.00
Adiantum	.75 to 1.00
Baby Primrose	.50
Snapdragon	3.00 to 4.00
Sweet Peas	.50 to 1.00
Violets	.50 to 1.00

St. Louis, Feb. 16, 1910.

	Per doz.
Beauty, Specials	$4.00 to $6.00
" Extra	1.50 to 3.00
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 4.00 to $ 8.00
" " No. 1	2.00 to 3.00
Richmond	4.00 to 10.00
Carnot	4.00 to 10.00
Ivory	4.00 to 10.00
Killarney	4.00 to 10.00
Carnations, Fancy	2.00 to 3.00
" Common	1.00 to 1.50
Adiantum	.75 to 1.00
Asparagus Plumosus, strings	35.00 to 50.00
" " sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, Single	.20 to .50
" Double	.50 to 1.00
Romans	1.00 to 3.00
Paper Whites	1.00 to 3.00
Harrisii	12.50 to 15.00
Callas	12.50 to 15.00
Tulips	3.00 to 4.00
Von Sion	3.00 to 4.00

Buffalo, Feb. 16, 1910.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3.00
" Firsts	1.50
" Shorts	$0.75 to 1.00
	Per 100
Bride, Killarney and Maid, Special	$15.00
" " " No. 1	$ 8.00 to 10.00
" " " No. 2	6.00 to 8.00
" " " Shorts	4.00 to 6.00
Richmond	6.00 to 15.00
White Killarney	8.00 to 15.00
Maryland	10.00 to 20.00
Carnations	2.00 to 3.00
Adiantum Cuneatum	1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	15.00
Longiflorum	12.50 to 15.00
Ferns per 1000, $2.00	
Galax " 1.50	
Violets	.50 to 1.00
Paper Whites	2.00 to 3.00
Stevia	1.00 to 1.25
Romans	2.00 to 3.00
Daisies	1.00 to 1.50
Sweet Peas	.50 to 1.00
Mignonette	3.00 to 5.00
Tulips	2.00 to 4.00
Daffodils	2.00 to 4.00

SPRINGFIELD, MASS.—John F. Murphy, purchasing agent for Maltus & Ware, left recently for another trip to South America. He will travel 900 miles up the Magdalena river and across country on horseback to Bogota. He will stop at the stations of the local agents of the firm and inspect the goods they have prepared for shipment. After about six weeks in Bogota, he will go to Honda and then take up his homeward trip, traversing the same route by way of which he arrived.

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $3.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $6.00; 100 lbs., $11.00.
Leucothoe Sprays, per 100, 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.75.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist
311 MAIN STREET, Phone M-980 CINCINNATI, OHIO
Mention The Review when you write.

C. E. CRITCHELL

Wholesale Commission Florist
Cut Flowers and Florists' Supplies
Consignments Solicited
WIRE GOODS OF ALL KINDS
Write for Price List
34-36 East Third Street, CINCINNATI, O.
Mention The Review when you write.

The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED
Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.
Phone Main 584. 316 Walnut St., Cincinnati, O.
Mention The Review when you write.

ROSES and CARNATIONS

FANCY FERNS AND GALAX—High-grade Stock
ORDERS FILLED SATISFACTORILY
Detroit Cut Flower Supply House
Wholesale Commission Florist. H. V. Pearce, Pres.
6 Adams Ave. West, Detroit, Mich.
Home Phone 164. Bell, Main 974.
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C. A. KUEHN WHOLESALE FLORIST...

Cut Flowers and Florists' Supplies
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.
1122 Pine St. - ST. LOUIS, MO
Mention The Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, Feb. 16, 1910.

	Per 100
Beauty, Long	$30 00 to $50.00
" Medium	15.00 to 20.00
" Short	8 00 to 12 00
Bride and Bridesmaid	4 00 to 12.00
Chatenay	4.00 to 10.00
Richmond	4.00 to 10.00
Killarney	6.00 to 15 00
Perle	4.00 to 10.00
Carnations, Fancy	3.00 to 4.00
" Good	1.50 to 2.00
Valley	4.00
Asparagus Plumosus, strings	50.00 to 60.00
" " sprays	3.00 to 4.00
" Sprengeri "	3.00
Adiantum	1.00 to 1.50
Lilies per doz., $2 00	
Ferns per 1000, 2.00	
Violets	.75 to 1.00
Sweet Peas	.75 to 1.00
Paper Whites	2.00 to 3.00
Stevia	2 00
Trumpets	3.00 to 4.00
Tulips	3.00 to 4.00

GLOVERSVILLE, N. Y.—Robert Main denies the report that he will retire from business after this season. He says he likes the trade far too well to think of retiring these many years.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.
New Reduced Price List



To fit	Per doz.	100
4-in. pots	$1.00	$ 7.00
5-in. pots	1.10	8.00
6-in. pots	1.20	9.00
7-in. pots	1.35	10.00
8-in. pots	1.60	12.00
9-in. pots	1.85	14.00
10-in. pots	2.10	16.00
12-in. pots	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.
W. H. GREVER, Manager
146 Hughes Avenue, BUFFALO, N. Y.
Mention The Review when you write.

E. G. Gillett

Wholesale Florist
Successor to GILLETT & OHMER
131 East 3d Street, CINCINNATI, O.
All Cut Flowers in Season
I sell Heller Bros.' Roses.
Wire Work a Specialty.
Get your order in now for
Hanging Baskets, "The Best"
"The Strongest" "The Cheapest"
Green Sheet Moss, $1.00 per bundle.
Sphagnum Moss, $1.00 per bale.
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Wm. C. Smith Wholesale Floral Co.

Wholesale Florists
1316 Pine St. Both L. D. Phones ST. LOUIS
Supplies and Everything in Season always on hand
Mention The Review when you write.

H.G.Berning

WHOLESALE FLORIST
1402 Pine Street
ST. LOUIS, MO.
Mention The Review when you write.

CHICOPEE FALLS, MASS.—Frank Burfitt reports an exceptionally heavy run of funeral work.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-Pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

Did you ever order Amurense privet from half a dozen different places and compare what you got?

Wm. A. Peterson, proprietor of Peterson Nursery, Chicago, has just returned from a two weeks' trip to New York and other eastern cities on a tour of inspection of the Presbyterian churches, their organization, equipment and work. Mr. Peterson devotes a considerable portion of his time to religious work. February 15 he delivered an address on the subject at Vincennes, Ind., and February 20 he will speak on "Hopeful Signs in Business Life," as the regular Sunday evening service at the Sixth Presbyterian church, Chicago.

SHORTENING THE DAHLIA LIST

Now that the season is at hand when dahlia growers are beginning the work of propagating green stock for the spring trade and for field planting next year, it seems to me that this is an opportune time to consider the question of shortening the list of varieties to be grown in the future. That there are too many varieties grown is painfully evident.

There are too many varieties even if all were first-class, but, unfortunately, this is not the case. Many are not even second-class. From now on there should be a rigid selection of varieties and only those of the highest merit should be retained. New varieties, also, should measure up well before being admitted.

A grower once said to me, "You are advocating a short list, but back with us we consider the longer the list the better chance we have." I answered, "Yes, you have a better advertisement, but the usefulness ends there." A man with a moderate list of meritorious varieties will win in the long run, and the run will not be very long, either.

To illustrate: A and B are growers. A has a list of 100 strictly first-class varieties—and I really believe that 100 will take in about all the first-class dahlias. B has these same 100 varieties, but he has 200 more. So their lists stand —A, 100; B, 300. A customer orders one dozen tubers from each of these growers. A sends him twelve first-class dahlias. B sends him four first-class and eight second-class dahlias. This would be the relative proportion. Which grower will get this customer's orders in the future?

In opposition to this fair proposition it may be argued that different people have different tastes, and that what pleases one may not please another. Granted; this fact I have proven over and over again in the many years that I have dealt directly with the consumer. But these years have proven another fact, of far more importance to me, and that is that about ninety per cent of the people like what other people like, and I do not care to shape my business to suit the ten per cent.

The present popularity of the dahlia has been a fruitful source of trouble to the grower, as it has afforded an opportunity to flood the markets with a lot of varieties of questionable merit—many of them only trash. The dahlia is well able to hold its own from now on, if good varieties and fair dealing are combined.

W. W. Wilmore.

Ridgefield, Conn.—William Pinchbeck is building a store in connection with his greenhouses.

Apple Seedlings

We have some surplus, both AMERICAN and FRENCH grown.
All grades for grafting and budding.

Imported Fruit Tree Stocks

Now arriving—Cherry, Pear and Plum stocks.
ALL GRADES.

APPLE GRAFTS PIECE AND WHOLE ROOT
ORDER QUICKLY

Also a complete line of General Nursery Stock; mostly in storage.
Send List for Prices.

WANTED—APPLE SCIONS

Shenandoah Nurseries
D. S. LAKE, Prop. SHENANDOAH, IOWA

Mention The Review when you write.

BOBBINK & ATKINS
Nurserymen and Florists, RUTHERFORD, N. J.

Choice Evergreens and Conifers. Shade and Ornamental Trees, Herbaceous Plants.

LARGE COLLECTION OF DECORATIVE PLANTS, SUCH AS

Palms, Ferns, Bay Trees, Etc.

Ask for Wholesale Catalogue.

Mention The Review when you write.

EVERGREENS

Large stock, both seedlings and transplants, of Spruce, Pines, Firs, Cedars, Arbor-Vitæs, Hemlocks, Junipers, Yews. Millions of seedlings, also fine stock of specimens in larger sizes.

FOREST TREE SEEDLINGS

Immense stock of Catalpa Speciosa, Black Locust, Maples, Oaks, Lindens, Beech, Chestnut, Ash, Walnut, Elm, Box Elder, Birch, European Larch.

Spring 1910 Catalogue now ready; send for copy

D. HILL, Evergreen Specialist, Dundee, Ill.

Mention The Review when you write.

PLANTING BEGONIA TUBERS.

Should the crown of a tuberous rooted begonia be buried under the soil?

G. W. S. J.

Yes, it should be covered lightly from half an inch to an inch. Leave the soil rather loose above the tuber. C.

½ Million Roses

for February delivery in these and 400 other sorts.

Summer grown, on own roots.

	Doz.	2½-in. 100	2½-in. 1000	4-in 100
Anna de Diesbach	50c	$3.50	$30 00	$ 8.00
American Beauty	85c	6 00	50 00	
Anny Muller	50c	3.00	25.00	
Ball of Snow (Boule de Neige)	50c	3.50	30 00	8.00
Bridesmaid	50c	3.00	25.00	8.00
Bougere	50c	3.00	25.00	8.00
Catherine Zeimet (White Baby Rambler)	50c	3.50	30.00	10.00
Duchesse de Brabant	50c	3.00	25.00	7.00
Etoile de Lyon	50c	3.00	27.50	8.00
Gruss an Teplitz (Vir. R. Coxe)	50c	3.00	27.50	8.00
Helen Gould (Balduin)	50c	3.00	27.50	8.00
Mme. Masson	50c	3.50	30.00	7.00
Mlle. Francisca Krueger	50c	3.00	25.00	8.00
Magna Charta	50c	3.50	30.00	7.00
Maman Cochet, pink	50c	3.00	27.50	8.00
Marechal Niel (4 in., 10c, 12c, 15c	50c	3.50	30.00	15.00
Marie van Houtte	50c	3.00	25.00	7.00
Meteor	50c	3.00	27.50	8.00
Papa Gontier	50c	3.00	27.50	7.00
Phyllis (Pink Baby Rambler)	50c	3 50	30.00	
Queen's Scarlet	50c	3.00	25.00	8.00
Reine Marie Henriette	50c	3.00	25.00	8.00
Rhea Reid	60c	4.00	35.00	10.00
The Bride	50c	3.00	25.00	8.00
Wellesley	50c	3.50	30 00	9.00
White Bougere	50c	3.00	25.00	8.00
White Maman Cochet	50c	3.00	27.50	8.00

Let us know your entire wants in roses.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart — T. Blumschen — La Fiamma
Trier — Lady Gay — Debutante
Dorothy Perkins — Hiawatha

12c each

Tausendschon — Barbier — **20c each**

Clematis Paniculata, field-grown, 1-year, 6c each
Clematis Paniculata, field-grown, 2-year, 10c each.
Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c
Hydrangea Paniculata Grandiflora, 2 to 3 ft. 9c.
Viburnum Plicatum, 2 to 3 ft., 12c.
Viburnum Plicatum, 3 to 3½-ft., 15c.
Chinese Sacred Lilies, $3.00 per 100; $25 00 per 1000
Dutch Hyacinths, named varieties, single and double, 45 kinds.
First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

PEONIES

Lucretia Dewberry

Prices right. Write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

50 000 Catalpa Speciosa (True Western) **Seedlings**
EVERGREENS Specimens for August planting.
California Privet—2-year
Ask for prices.

HIRAM T. JONES

Union County Nurseries — ELIZABETH, N. J.

Mention The Review when you write.

New Seedling Rose—RADIANCE

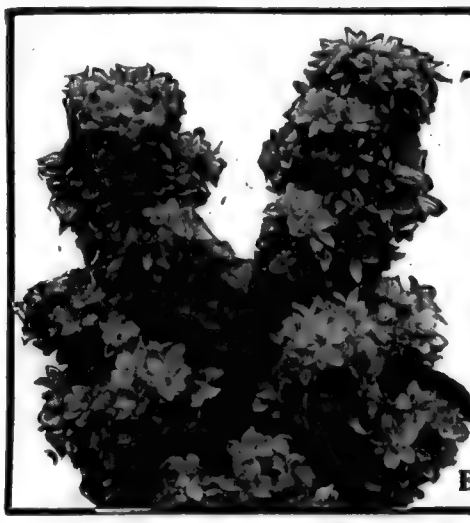
A SEEDLING from Cardinal; a brilliant, rosy, carmine pink, with opaline tints in the open flower. The form is fine, large, with cupped petals; bud long, brilliant, radiant, with extra long stem; a constant bloomer; fragrant; foliage abundant and of splendid substance.

2½-in. pots, $18.00 per 100. Ready for delivery April and May.

Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

Mention The Review when you write.



Beautiful! Novel! Valuable!

The Newest Lilacs

Double and Single

Extraordinary Offering

The improvement in the Lilac, especially in the double sorts, is marvelous, and all lovers of this flower will be delighted with these novelties. In size, form and color they far surpass the old favorites and we confidently recommend them to our patrons. Nothing that has been introduced recently is likely to prove so popular as the new Lilacs.

A beautiful illustrated booklet on Lilacs will be mailed on request, also our Illustrated General Catalogue, which contains accurate and trustworthy descriptions of the best

FRUIT AND ORNAMENTAL TREES, SHRUBS, ROSES and HARDY PLANTS

Ellwanger & Barry, Mount Hope Nurseries, Rochester, N.Y.

Mention The Review when you write.

STOCK FOR FLORISTS

ROSES for Forcing—Hybrid Perpetuals and Ramblers, all the best ones; fine, strong stock. **CLEMATIS, AMPELOPSIS, TREE HYDRANGEAS and LILACS, SHRUBS, VINES and PERENNIALS.** Write for prices.

JACKSON & PERKINS CO., Newark Near Rochester, New York

Nurserymen and Florists—Wholesale Only. Use printed stationery.

Mention The Review when you write.

New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK

W. & T. SMITH COMPANY

63 Years — **GENEVA, N. Y.** — **800 Acres**

Mention The Review when you write.

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

Bassett's Dahlias

Field roots—Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal, $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.

2-yr.-old Peonies, $10 00 per 100.

J. Murray Bassett, Hammonton, N. J.

CHARLES C. NASH

Over 80 varieties of **RASPBERRY PLANTS,** 75c per 100 and up.
Selected wood for over 1,000,000 **GRAPE CUTTINGS,** 75c per 1000 and up.
No catalogue. Correspondence invited.
KALAMAZOO, - - MICHIGAN

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FIELD GROWN SHRUBS IRIS PÆONIES ROSES — THE USN CO.

The United States Nursery Co

RICH, Coahoma Co., MISS.

Mention The Review when you write.

Peonies a Specialty

Write us for latest price list

PETERSON NURSERY,

Stock Exchange Building. CHICAGO.

Always Mention the Florists' Review when writing advertisers

PACIFIC COAST.

LOS ANGELES, CAL.

The Market.

The weather has continued to be bright and sunny, except for one day of rain, followed by high winds, which caused a decided drop in the temperature, with frosts at night again.

The business done has been quite satisfactory to all the florists. There have been many weddings and much entertaining. We used to be told that people did not die in California, but the florists always seem to be busy doing funeral work, and large designs predominate.

Flowers of all kinds are plentiful, the continued sunshine bringing out quantities of blooms of good quality. Some of the stores are selling hothouse carnations at 50 cents and 75 cents a dozen, while others are still charging $1. Spring flowers are everywhere and have good sale. Trumpet Majors are now coming in from outside in great abundance.

The Acacia Baileyana trees are in full bloom just now, and they are indeed a beautiful sight, with their yellow blooms hanging in such graceful profusion. Many of them are seen in the parkings, some streets in Hollywood having rows of them the entire length. The flowers sell in the stores at $1 a dozen. A window of these and the yellow daffodils was especially attractive.

Various Notes.

The show greenhouses at East Lake park are gay with poinsettias, azaleas and spring flowers. The superintendent says this has been the coldest winter in many years, and nothing can do well outside with a difference of 40 degrees between noon and night, as there has been many times. There are many lilies and bulbs of all kinds to be seen in the coldframes. Marguerites in bloom, all the way from three to twelve feet through, are seen everywhere in this locality.

Scotch heather plants are shown in the stores. A spineless cactus has been attracting much attention in the Angelus window.

Morris Goldenson made two palls last week, one of violets and Roman hyacinths. The larger one was nearly seven feet long.

H. Von Hofgaarden, proprietor of the Mira Mar Nursery, at Long Beach, has a sales yard with lath houses at 322 American avenue. He also has two acres on Tenth street. He sends many fine maidenhair ferns and cyclamens, of which he makes a specialty, to the Los Angeles florists. He came to California three and a half years ago, not knowing a word of our language, but in that short time he has built up a good business and has become proficient in English.

S. A. C.

SAN FRANCISCO.

The Market.

There has been a decided moderation in the weather. We have had no touches of frost for over a week and the rainy spell has ceased for the present. As a consequence flowers of all kinds are much more plentiful than they have been at any time this year. This is especially noticeable with carnations and roses and the prices of both these articles have been reduced fully one half. Violets have had a similar fall in a twenty-five per cent reduction. Daffodils are strictly in their prime at present and they can be bought at from 75 cents to $1.50 per hundred. Tulips are in heavy supply and move slowly. Valley is not plentiful, but there is quite sufficient for all demands. Narcissi are cheap, but they show the results of the continued cold weather, either in the size of the flowers or in the shortness of the stems. They cost the stores from 75 cents to $1 per hundred. Fruit blossoms and wild flowers have made quite a showing in the shop windows within the last few days and are proving to be good sellers with the flower loving public.

Easter lilies are being brought into town in fair sized quantities, but they are only of fair quality. The price to the retailers is from $2.50 to $3 per dozen. This is probably what will be asked for them during the next few weeks.

All kinds of green goods in the fern line have been scarce, but the prospects are for plenty of everything if the present good weather continues. Business is fair, with splendid prospects for a heavy Easter trade both locally and in the country.

Various Notes.

Martin Reukauf, representing H. Bayersdorfer & Co., of Philadelphia, is

Rooted Carnation Cuttings

	Per 100	1000		Per 100	1000
Winona, light pink	$3.00	$25.00	Beacon	$2.25	$20.00
Enchantress	1.80	15.00	Victory	1.75	15.00
Winsor	1.75	12.00	Red Lawson	1.25	8.00
Rose-pink Enchantress	1.50	12.00	Estelle	1.15	12.00
Nelson Fisher	1.25	10.00	White Perfection	2.25	20.00
Harlowarden	1.40	12.00	White Enchantress	2.25	20.00
Eldorado, yellow	1.50	12.00	White Lawson	2.00	15.00
Variegated Lawson	1.25	10.00			

25 of one variety at 100 rate; 250 of one variety at 1000 rate. Express prepaid on orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Araucarias—Roses

Araucaria Excelsa, young, healthy plants, seedlings with 3 to 4 tiers, at $16.00 per 100.

Tree Peonies, extra strong, 20 varieties, at 75c each.

Camellia Lady Campbell, dark red, double, 12 to 15 in. high, bushy, at $25.00 per 100.

Lilium Longiflorum Giganteum, 7/9, 300 bulbs in one case, at $6.00 per case.

Roses, from open ground, 2 years old, low budded, at $10.00 per 100; not less than 5 of one variety, 200 varieties to select from.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

"HIGHEST QUALITY"

Seeds, Plants, Bulbs and Supplies

Florists' and Gardeners' Trade solicited. Catalogue on request.

Routledge Seed & Floral Co.

169 Second St., PORTLAND, ORE.

Mention The Review when you write.

MOUNTAIN VIEW FLORAL CO.

Montavilla. P. O., Portland, Ore.

Hardy Perennials, one and two year old clumps. Prices on application.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in. pots, ready in November, $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; ⅛ oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; ⅛ oz., $3.50; oz., $17.50.

Shasta Daisy—Alaska or California, ¼ oz., 50c; oz., $1.50. **Pentstemon Hybridus Grandiflorus,** tr. pkt., 25c; oz., $1.00. **Pentstemons,** Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ASTER SEED

Late Branching, Oregon Grown

Extra fine color, strong stems, fine for cutting; price—white, lavender, flesh pink and purple, 25c per packet, ⅛-oz.

PREMIUM

A 6-inch **Pawpaw** tree with each dollar sent for Aster seed. This is a horticultural novelty, an ornamental tree, and will attract considerable attention with its magnolia like foliage and purple blossoms. It is a most excellent fruit, perfectly adapted to any situation, similar in appearance to the banana, and sells higher in the market. 6-inch trees, 50c each.

W. B. SIMS, Grower, Newberg, Ore.

Mention The Review when you write.

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2½-in. pots ..per 1000, $25.00;	$3.00
Asparagus Sprengeri, 2½-in. pots	3.00
3-in	5.00
Genista, nice plants, 2½-in. pots	6.00

Palms, Ferns, Seasonable Plants, Bedding Plants a specialty.

Mention The Review when you write.

Palms - Palms - Palms

Phoenix Can., Washingtonia, etc.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

Frey's New Single and Anemone Chrysanthemums

The sensation at the National Flower Show 1908. Winners of the $50.00 Silver Cup, 2 first and 1 second Prize, Certificates of Merit of the Chrysanthemum Society of America and Minnesota State Florists' Association, 2 First Prizes at Milwaukee, 1909.

These are all exceptionally fine for commercial purposes, either for cutting or as pot plants, it being my aim to send out only such varieties as have stood a severe test in this market. The constant gain in favor of these two types has been so rapid and their value for all sorts of decorative purposes so great, that every grower will want to invest in them. It has been stated by authorities that these varieties are a great improvement over those now in commerce.

1910 NOVELTIES

Mrs. Theodore Wirth. Anemone, a most beautiful, soft pink, with light yellow center, preceding Mrs. John Pesther, a money maker.

Alpine Glow. Anemone, large white flower, with a glow of pink, very beautiful.

Christina Scull. Single, medium sized flower, like a golden Marguerite, very profuse.

Grace Clementina Burki. Single, pure white, large, round flower, very substantial, following Lady Lu.

Mrs. John Pesther. Single of medium size, Enchantress pink, long, slender, wiry stems, comes for Thanksgiving, extra fine.

25c each; $2.00 per 10; $15.00 per 100.

1909 INTRODUCTIONS

ANEMONES

Lida Thomas. Delicate cream, late.

Gertrude Wilson. Deep yellow, very fine.

Beatrice Asmus. Pure white, one of the best.

1909 INTRODUCTIONS Continued. **ANEMONES**

Mrs. Edw. F. Swift. Delicate pale lavender, one of the first to bloom.

Mrs. Augusta Knab. Creamy white, with yellow center.

Miss Ida Kroeschell. Light yellow, with quilled petals.

SINGLES

Miss Dorothy Deneen. Silvery pink.

Bishop Henninghaus. Brown red, quilled part bronze, very odd.

Lady Lu. Beautiful white Shasta Daisy effect, extra

Minnesota. Very striking, blood red.

Mrs. T. Edw. Wilder. Beautiful Enchantress pink, extra fine.

John Gossweiler. Bronze, resembling Gaillardia Aristata.

Rooted cuttings or 2½-inch pots, 10c each; 80c per 10; $6.00 per 100.

Delivery will commence 2nd week in March. All orders will be filled strictly in rotation.

ALOIS FREY, :: Crown Point, Ind.

Mention The Review when you write.

in town interviewing the local dealers. He reports a splendid season's trade, in spite of the prevailing cold snap.

Walter Davies, of Fruitvale, Cal., has leased his greenhouses to David Parker.

The Piedmont Floral Co., of Oakland, Cal., has given up its Eleventh street store, and will shortly move to larger and more commodious quarters.

A well dressed young man, wearing a heavy band of crepe on his arm, made his appearance in Oakland during the present week. He made a purchase to the amount of $2 and tendered a check for $10 in payment for the same, in several retail stores, receiving $8 in change in each place. All of the checks were returned from the banks marked "No Funds," and the young man had in the meantime disappeared to parts unknown. Among the firms victimized were the Elmhurst Floral Co., H. M. Sanborn Co., and the Thorsted Floral Co.

James Niven has left the employ of H. E. Bothin, of Ross Station, Cal., and will enter into the growing of cut flowers at Fairfax, Cal.

McRorie and McLaren are at present superintending some extensive plantings for the Spring Valley Water Co.

Domoto Bros., of Elmhurst, are in line with 50,000 Easter lilies. Their stock looks healthy and gives promise of a heavy cutting. G.

NEW BEDFORD, MASS.

Trade was fair last week. Funeral work was good and used up lots of shorts and splits. Carnations are good now, retailing at 50 cents and 60 cents per dozen. Roses retail at $1.50 to $2

Last Fall

My output of California Privet was greater than ever before

Ribsam's Reputation

Orders booked now daily. Owing to bushiness and fibrous roots my plants are far above the average grade sold by others at less prices; just one order will enroll you as one of our regular patrons. Thanking all for past favors.

California Privet

	Per 100	Per 1000	Per 10,000	Per 20,000
Our Special, 3 to 4 feet	$6.00	$40.00	$350.00	$650.00
Extra Bushy, 2½ to 3 feet	5.00	35.00	300 00	550.00
Our No. 1, 2 to 3 feet	3 50	25.00	200.00	350 00
Our No. 2, 1½ to 2 feet	2.50	17.50	150.00	250.00
Our No. 3, 10 to 18 inches	1.50	12.00	100.00	175.00

Packed free. Our stock is A1 in every respect, and I prefer you to call and see it. A trolley line from P. R. R. station leaves you at my gate, only 10 minutes' ride. Hoping to see you and have your order as early as possible, as I have only 300,000 left for this spring's delivery, I remain, yours truly,

Carlman Ribsam, Office, 31 Wall St. Nursery, Hamilton Ave. **Trenton, N. J.**

Mention The Review when you write.

per dozen. Violets sell at $1 per hundred blooms, sweet peas at $1 per hundred blooms. Some nice daffodils, Paper Whites, tulips, etc., are to be seen. These retail at 60 cents per dozen. There is a fairly good call for flowering plants, such as cyclamens, primulas, cherries, azaleas, etc.

Monday, February 7, was a bitterly cold day, about the coldest we have had for years. The weather is now quite cold.

Napoleon Lemay is growing large quantities of sweet peas and violets at his Hillman street place. W. L.

BENNINGTON, VT.—A. J. Holton finds the addition he made to his range of glass still inadequate and is planning for a large addition this coming spring.

COLORADO SPRINGS, COLO.—Frank Hayden, of the Colorado Springs Floral Co., carried out an elaborate scheme of decoration for the annual reception and ball of the El Paso Club. The large reading room and reception hall were transformed into a Venetian garden, with white pillars bearing electroliers and wound with southern smilax and flowers.

Bon Ami

An honest commercial Carnation.
Strong grower. Free from disease.
An early, continuous bloomer.
Blooms, 3 to 3½ in. Stems, 24 to 30 in.

A new seedling White Carnation of exceptional merit as a dividend payer. Not a gold brick or bunco sort. One that will pay its board and lodging and present its owner with a balance on the right side of ledger. Buy it and be convinced that Bon Ami is all that its name stands for, "A Good Friend."

Price, $10.00 per 100; $75.00 per 1000.

GEORGE E. BUXTON, Nashua, N. H.

Mention The Review when you write.

WEBB CITY, MO.

Mrs. Katharyn H. Brenneman, successor to S. S. Brenneman, has sold her greenhouses and grounds, consisting of about four acres, to J. E. Meinhart, of Leavenworth, Kan., for $15,000. Mr. Meinhart will take possession March 1. The Brenneman greenhouses are the pioneer greenhouses of the county. Mrs. Brenneman succeeded her late husband December 26, 1908, in the business, which continued to grow under her direction until it became too heavy for her to manage. Mr. Meinhart is a practical florist, with flattering prospects before him.

TRENTON, Mo.—The Trenton Floral Co., of which L. Derocher has been acting as manager, has now been incorporated, with a capital of $3,000. The first board of directors consists of L. A. Warden, H. N. Longfellow, B. A. Barnes, Chas. W. Sloan and L. Derocher. At a meeting of the directors the following officers were chosen: L. A. Warden, president; H. N. Longfellow, secretary and treasurer. Mr. Derocher will continue as manager. The company has secured a piece of ground about 100 feet square, at the corner of Mabel and Prospect streets, and has begun erecting greenhouses there.

Place Your Order Now

Rooted Carnation Cuttings

White Perfection, $3 50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman

North Abington, Mass.

Mention The Review when you write.

WANTED

Between March 1st and 10th

10,000 unrooted cuttings pure White Ench.
10,000 " " White Perfection.
10,000 " " Enchantress.

This stock to be good, clean, healthy and strong cuttings. Nothing accepted except first-class stock, and only from reliable firms.

WHITE BROS., Gasport, N.Y.

Mention The Review when you write.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.

RICHMOND, INDIANA

Mention The Review when you write.

SHASTA

We are now shipping fine, strong cuttings of this variety daily, as fast as they are ready to come out of the propagating bed. We have enough orders booked to take all that will be ready up to February 15. Send in your order at once if you want late February delivery.

Come and see it growing

and be convinced that Shasta is the greatest paying white Carnation of the day. Once you see it you will want to grow it.

$12.00 per 100; $100.00 per 1000.

SEND FOR OUR PRICE LIST OF NEW AND STANDARD SORTS

Baur & Smith, 38th St. and Senate Ave., **Indianapolis, Ind.**

Mention The Review when you write.

CARNATION BAY STATE

For price on this and other good varieties of Carnations see our advertisement in the classified department. Fresh Cut Flowers shipped to all parts of New England and Canada. High grade Carnation blooms our specialty; shipped direct from the grower to the retailer at wholesale price.

SHEPARD'S GARDEN CARNATION CO., 292 Fairmount St., **Lowell, Mass.**

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

BEACON CARNATION CUTTINGS

We have a quantity of well-rooted cuttings from especially strong stock. These are cuttings that are sure to please.

We are making a specialty of Rooted Cuttings and believe the way to permanent success lies in sending out on every order only the kind of stock that will lead to further orders from that customer, and from those he tells about the satisfactory stock obtained from us.

Nothing Spectacular—Just the Best Cuttings that can be had, and at Right Prices.

CARNATION CUTTINGS

Clean, well-rooted stock, the kind that will make you and your friends our regular customers.

	Per 100	Per 1000		Per 100	Per 1000
Winsor	$2.50	$20.00	**Enchantress**	$3.00	$25.00
Beacon	3.00	25.00	**White Perfection**	3.00	25.00
White Enchantress	2.50	20.00	**Rose-pink Enchantress**	2.50	20.00

Immediate delivery. Write for special prices on large quantities. No order too large for our facilities.

Chrysanthemum Cuttings

Now booking orders for early delivery.

WHITE	Per 100	Per 1000
Oct. Frost	$2.00	$15.00
Kalb	2.00	15.00
V. Poehlmann	2.50	20.00
Touset	2.00	15.00
A. Byron	2.00	15.00
Wanamaker	2.00	15.00
White Cloud	2.00	15.00

WHITE	Per 100	Per 1000
T. Eaton	$2.50	$20.00
Chadwick	2.50	20.00
Nonin	2.00	15.00
PINK		
Balfour	2.00	15.00
Enguehard	2.00	15.00

YELLOW	Per 100	Per 1000
Golden Glow	$2.00	$15.00
Monrovia	2.00	15.00
Oct. Sunshine	2.00	15 00
Appleton	2.00	15.00
Y. Eaton	2.50	20.00
Golden Chadwick	3.00	25.00
Halliday	2.00	15.00
Bonnaffon	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

Wholesale Trade List

Asparagus Plumosus, 3-in. pots, $5.00 per 100.

Asparagus Sprengeri, 2-in. pots, $2.00 per 100.

Clematis paniculata, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.

Passiflora caerulea, 3-in. pots, $5.00 per 100.

Daisies, yellow and white, 2½-in. pots, $3.00 per 100.

Dracaena Indivisa, 4-in. pots, $10.00 per 100.

English Ivy, 3-in. pots, $5.00 per 100.

Rooted Cuttings, from flats, $1.00 per 100.

Heliotrope, dark and white; **Feverfew,** double; **Lobelia,** double and single, blue; **Ageratum, Cigar Plant, Parlor Ivy, Geraniums,** assorted.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

Rooted Rose Cuttings

	100	1000
Beauty	$4 00	$35.00
Killarney	2 50	20.00
Richmond	1.50	12 00
Bride	1.50	12.00

Satisfaction guaranteed.

GEORGE REINBERG, 51 Wabash Ave., CHICAGO

Mention The Review when you write.

PEONIES

Humei, late rose; R. Hortense Tyrian red; Mme. Douriere, pink and salmon, for lawn planting, $3.00 per 100, March delivery.

Thomas J. Oberlin

Sinking Spring, - Pennsylvania

Mention The Review when you write

SANGAMO The New Pink Carnation



Everyone who has seen SANGAMO growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it NOW. Price, $12.00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN

SPRINGFIELD, ILL.

LARGE TREES

OAKS AND MAPLES. PINES AND HEMLOCKS

ANDORRA NURSERIES.

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

Almost Sold Out.

Have you sent us an order for your stock of Carnation Dorothy Gordon? Easy to put it off—but our supply is limited, orders are piling in every day, and some of you who are planning to grow this splendid Carnation for your trade this year are going to be disappointed.

This magnificent flower made a big "hit" at the Pittsburg meeting, but that didn't surprise us any, for a great many of our friends in the trade long ago learned that for **real**, substantial profits

Carnation Dorothy Gordon

Stood away up at the top of the list. We know we "harp" a lot about its merits, but when you know this grand new variety as we do, you'll be enthusiastic, too. Flowers fragrant and uniform in color—a little darker than Pink Enchantress; very large—size 3 inches or more in diameter—buds of good substance and very lasting. All these features spell profits for growers of Carnation Dorothy Gordon—**double** profits, for the plants bear more flowers which sell for a higher price, bringing your gains up to nearly twice what you can get from other commercial sorts.

Come to Wyncote and see Dorothy Gordon growing; if you cannot do that, write or wire us now and we will reserve stock for you. But do it **quickly** if you want any rooted cuttings this spring. Interesting literature free.

Prices are: **$10.00 per 100; $75.00 per 1000.**

JOSEPH HEACOCK CO., Disseminators, Wyncote, Pa.

Mention The Review when you write.

WHITE KILLARNEY, MY MARYLAND, PINK KILLARNEY

Rooted Cuttings and 2½-inch plants. Booking orders now for future deliveries. The right Place—the right Goods—the right Prices. Come and see them grow.

	Rooted Cuttings		2½ inch	
	Per 100	1000	Per 100	1000
White Killarney	$6.50	$60.00	$ 8 50	$ 75.00
" " grafted	....	.....	14 00	125 00
Pink "	4.00	35.00	6 00	55.00
" " grafted	....	.....	12.00	110.00
My Maryland	4.00	35.00	6.00	55.00
" " grafted	....	.....	12.00	110.00

	Rooted Cuttings		2½-inch	
	Per 100	1000	Per 100	1000
Richmond	$3.50	$30 00	$5.50	$50.00
Maid	3.00	25.00	5.00	45.00
Bride	3 00	25.00	5 00	45.00
American Beauties	4.00	35.00	7.00	65.00

Bride and Maid grown to order only

3½-inch sizes will be offered when ready at 40% increase over 2½-inch. You cannot afford to buy poor stock at 50% less.

POEHLMANN BROS CO., Morton Grove, Illinois

GLEN COVE, N. Y.

The regular meeting of the Nassau County Horticultural Society was held in Pembroke hall, February 9, with over forty members present and President Duthie in the chair. Six applications for membership were received and C. H. Hyde, Roslyn, was elected an honorary member.

The schedule for the summer show was approved, the date and place to be decided later. The dahlia show will be held September 28 and the schedule for this was accepted. The Stumpp & Walter Co. offered a silver cup for the fall show, and at the last dinner George Burnett offered $25 as prizes for the same show.

Next meeting will be rose day and three prizes are offered, for the best twelve white, twelve pink and twelve other colors, respectively. Vice-President Reidenbach also offered $5 for the best two vases of sweet peas—first, $3; second, $2.

George Wilson's essay on "Carnations" was a treat for all and it certainly deserves a high place among writings on this subject.

Messrs. Marshall, MacKenzie and Johnson acted as judges and their decisions were as follows: Best twelve white carnations, V. Cleres, with White Enchantress; best twelve pink, A. Robertson, with Enchantress; best twelve mixed, V. Cleres, with Imperial, Winsor and Enchantress.

Cultural certificates were awarded as follows: W. Eccles, for vase of Winsor, also vase of Mrs. Charles Knopf; H. Gaut, for vase of sweet peas; E. Reidenbach, for two beautiful cyclamens; A. Robertson, for vase of Enchantress.

Honorable mention was awarded to F. Petroccia for Primula Kewensis and to E. Reidenbach for a vase of freesias.

At the next meeting Mr. Johnson will give an account of his travels across the sea during his last vacation.

O. E. A.

KENNEBUNK, ME.—J. O. Elwell has had his residence and greenhouses on Brown street wired for electric lights.

Conquest

Light pink overlaid with deep rose. The most valuable and attractive Carnation on the market. Lawson habit, very free, long stiff stems, large well built flowers.

Winner of first prize wherever shown. Rooted cuttings guaranteed.
Ready now, $12.00 per 100; $100.00 per 1000.

Chicago Carnation Co., A. T. PYFER, Mgr. **Joliet, Ill.**

Mention The Review when you write.

Mary Tolman

Deep flesh that does not fade in the strongest light, clean grower, rigid stem, perfectly formed flowers, good producer. Cuttings ready now. $12.00 per 100; $100.00 per 1000. Guaranteed in every way.

A. E. HUNT & CO., Evanston, Ill. **CHICAGO CARNATION CO., Joliet, Ill.**
HUNT BROS., Park Ridge, Ill.

Mention The Review when you write.

SANGAMO

Brilliant glistening pink. Winner wherever shown. The most prolific and fastest growing Carnation of any; very clean, upright grower, long stiff stems, never splits, flowers nicely fringed and well rounded out. The one real money maker for you to grow. Orders booked now.

$12.00 per 100; $100.00 per 1000.
All cuttings guaranteed.

A. C. Brown, Springfield, Ill.
Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.



It takes good, healthy plants, free from rust and other diseases, to produce a crop like this. Our plants have retained their health and vigor since the date of this photograph. It takes healthy plants to produce healthy cuttings, so, if you want cuttings of this kind, send us your order.

	Per 100	1000		Per 100	1000		Per 100	1000
White Perfection	$3 00	$25.00	Afterglow	$3.00	$25.00	Lawson-Enchantress	$2 50	$20.00
White Enchantress	3.00	25.00	Beacon	3.00	25.00	Enchantress	2.00	18.00
O. P. Bassett	5.00	40.00	Victory	3.00	25.00	Mrs. Patten	3.00	25.00
Winsor	3.00	25.00	Rose-pink Enchantress	3.00	25.00	Lawson	1.50	12.50

ROSE CUTTINGS

Bride and Maid.....$2 00 per 100; $17.50 per 1000 Killarney.....$3.00 per 100; $25.00 per 1000

All cuttings guaranteed to be first-class.

WEILAND & OLINGER, Newcastle, Ind.

COLEUS, rooted cuttings or 2-inch stock, Carnations, Chrysanthemums, Roses, etc. : : :

If interested write for our list of any above stock.

GEO. A. KUHL, - Pekin, Ill.

Mention The Review when you write.

Wanted

Orders for high grade stock of Cannas, Dahlias, Ferns, Ficus, Asparagus and Hydrangea Hortensis. See classified department for prices.

Wagner Park Conservatories, :: Sidney, Ohio

Mention The Review when you write.

ROOTED CUTTINGS

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Daisies,** white and yellow, $1 00 per 100. **Coleus.** 70c per 100; $6 00 per 1000. **Alyssum,** dbl., 80c per 100. **Petunias,** $1.25 per 100; $10 00 per 1000. **Salvias,** $1 00 per 100; $8.00 per 1000. **Ageratums,** 60c per 100; $5 00 per 1000. Express paid. **Cash with orders.**

S. D. BRANT, - Clay Center, Kan.

Mention The Review when you write.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Grafted and Own Root Roses

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120 00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid,			
Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

Carnations We are now booking orders for Carnations. Pink Delight and May Day are our leaders in new varieties. Winsor, Beacon, White Enchantress and White Perfection in quantity.

Chrysanthemums The best of the new ones and the best of the standards. Commercial varieties exclusively. We are booking orders for both rooted cuttings and plants from pots for February and March delivery.

Our Catalogue Contains the Carnation and Chrysanthemum lists. It includes our Rose list and the bedding stock. You need our catalogue. If you haven't received one, send for it. We can handle your order whether it is large or small.

LENOX, MASS.

One of the most interesting and instructive meetings held by the Lenox Horticultural Society for some time was presided over by President G. Foulsham on Saturday, February 5, and was largely attended. W. Maynard was elected an active member of the society.

An exhibit which called forth special praise was a magnificent vase of twenty-four flowers of a new carnation named Woodenethe, exhibited by Frank E. Whitney, Fishkill-on-Hudson, N. Y. This was unanimously awarded a first-class certificate. The variety exhibited is pure white. The flowers are borne on long, stiff stems and measure three and one-half to four inches across. This splendid new introduction has been exhibited before the New York Florists' Club and at the annual carnation convention of this year, where it was awarded a certificate of merit, having scored ninety-one points.

E. Jenkins gave an interesting lecture on the growth and pruning of trees, under the title of "Tree Surgery." He showed in a practical manner how trees are increased in value and live longer under judicious pruning. A. H. Wingett took up the discussion in a most interesting way, showing how the market value of timber could be increased by thinning, etc. Most of the members asked questions on the subject, which the lecturer answered in an able manner. He was accorded a hearty vote of thanks for his instructive lecture.

No date has yet been chosen for the society's annual dinner. The committee in charge consisted of E. Jenkins, A. H. Wingett, A. J. Loveless, A. J. Jenkins and A. McConnachie.

The annual ball, which is always looked forward to with much interest in the vicinity, was held Monday, January 24, and was a decided success, both financially and otherwise. The committee, of which F. Butler was chairman, is to be congratulated upon the success attending its efforts.

Rose and carnation night will be held Saturday, April 2. G. H. I.

WORCESTER, MASS.—The will of the late H. F. A. Lange, which was filed for probate December 1, 1909, but was contested by the widow, has now been ratified, as Mrs. Lange has withdrawn her opposition. Arthur H. and Carl C. Lange, sons of the testator, had been named as executors, and received the greater part of the $125,000 estate. The terms of the final settlement, or the amount settled on Mrs. Lange, are not reported.

Carnation Cuttings

Strong, Well Rooted, Healthy Stock.

	Per 1000		Per 1000
Enchantress	$15.00	Mary Tolman	$100.00
R. P. Enchantress	15.00	Winona	25.00
W. Enchantress	25.00	Afterglow	25.00
Lawson-Enchantress	15.00	Variegated Lawson	12.00
O. P. Bassett	40.00	Pink Lawson	10.00
Lucille	50.00	Queen	8.00
Beacon	25.00	Sarah Hill	20.00
Mrs. Chas. Knopf	40.00	White Perfection	25.00
Victory	20.00	Harlowarden	15.00
Winsor	15.00	Ruby	45.00
		Aristocrat	25.00

——Cash or C. O. D.——

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

NEW

CARNATIONS

The two prize-winning introductions of the Cottage Gardens

Mrs. C. W. Ward

Mrs. C. W. Ward is a perfectly formed flower, with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

Awards

Society of American Florists, silver medal, Boston, 1906; the Craig cup for best seedling, Philadelphia, 1906; the Lawson bronze medal, Washington, 1908; the Horticultural Society of New York, silver medal, sweepstake prize for best 100 blooms, New York, 1909; The Horticultural Society of New York, diploma for best new variety, New York, 1909.

Price, Rooted Cuttings—$2.00 per 12; $12.00 per 100; $100.00 per 1000; 25 at the 100 rate; 250 at the 1000 rate. February 20 delivery.

Alma Ward

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

Alma Ward is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter on strong, erect stems, 36 to 42 inches in length.

Awards

The Lawson silver medal, Toronto, 1907 (no gold medal having been awarded); the Lawson gold medal, Washington, 1908; The Society of American Florists, silver medal, Washington, 1908.

Price, Rooted Cuttings—$3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $85.00 per 250; $65.00 per 500; $120.00 per 1000. March 1 delivery.

These varieties bring from $2.00 to $4.00 per 100 more than any other Carnation sold in the New York market.

Cottage Gardens Co., Inc.

Queens, Long Island, N. Y.

ROOTED CARNATION CUTTINGS

NEW CARNATIONS FOR 1910

	Per 100		Per 100
Dorothy Gordon	per 100, $75.00; $10.00	Admiration	$12.00
Shasta	12.00	Alma Ward	per doz., $2.50; 15.00
Scarlet Glow	12.00	Mrs. C. W. Ward	12.00
Sangamo	12.00	Conquest	12.00

CARNATIONS OF 1909

	Per 100		Per 100
O. P. Bassett	$6.00	Ruby	$6.00
Pink Delight	6.00	Mrs. J. C. Vaughan	6.00
Mrs. Chas. Knopf	6.00	Georgia	6.00

STANDARD VARIETIES

White Varieties—	Per 100	Pink Varieties—	Per 100
White Enchantress	$3.00	Winsor	$3.00
Lady Bountiful	3.00	Afterglow	3.00
White Perfection	3.00	Splendor	3.00
Queen Louise	2.50	Pink Imperial	2.50
The Queen	2.00	Rose-pink Enchantress	2.50
My Maryland	2.00	Mrs. Thos. Lawson	2.00
Sarah Hill	3.00	Nelson Fisher	2.00
Lloyd	3.00	Mabelle	1.50
Red Varieties—		Variegated Enchantress	2.50
Robert Craig	$3.00		
John E. Haines	2.00	**Yellow Varieties—**	Per 100
Beacon	3.50	Eldorado	$2.00
Flamingo	2.00	Golden Beauty	2.00
Victory	3.00		
Roosevelt	2.00	**Variegated Varieties—**	Per 100
Harlowarden	2.00	Mrs. Patten	$2.50
Cardinal	2.00	Jessica	2.50

GRAFTED and OWN ROOT ROSES ready for early delivery. Send for circular.

CHOICE VARIETIES OF VERBENAS

Rooted cuttings, our selection	$0.75 per 100; $ 6.00 per 1000
Plants, 2½ in. pots, our selection	2.50 per 100; 20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100; 8.00 per 1000
Plants, purchaser's selection	3.00 per 100; 25.00 per 1000

Entirely sold out of Miss Wilmott cuttings and plants.

J. L. DILLON, - - - - Bloomsburg, Pa.

:: ROOTED CUTTINGS ::

Carnations

	100	1000
O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
White Perfection	2.00	15.00
White Lawson	1.50	12.50

Fine, Clean, Strong, Well-rooted Stock

Roses

Rooted Cuttings,	100	1000
Killarney	$2.50	$20.00
Richmond	2.00	17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Perle	2.50	20.00
Sunrise	2.50	20.00

2½-in. pot plants,	100	1000
P. Killarney	$4.50	$40.00
Richmond	3.00	25.00
Chatenay	3.00	25.00
Bride	3.00	25.00
Bridesmaid	3.00	25.00
Uncle John	4.00	35.00
Ivory	4.00	35.00
Perle	4.00	35.00
Sunrise	4.00	35.00
My Maryland	6.00	50.00

Peter Reinberg, 35 Randolph St., Chicago

Mention The Review when you write.

ROSES

Fine 2½-in. pots. Own roots.

Orders booked now for March and April delivery.

	Per 100	1000
White Killarney	$8.00	$75.00
Killarney	5.00	45.00
My Maryland	6.00	50.00
Rhea Reid	6.00	50.00
Richmond	5.00	45.00

Also American Beauties

Carnation Rooted Cuttings

	Per 100	1000
Patten	$3.00	$25.00
Afterglow	3.00	25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Victory	2.50	20.00
Robt. Craig	2.50	20.00
Lady Bountiful	2.00	17.50
White Lawson	2.00	17.50
Winsor	2.00	17.50
Mrs. T. W. Lawson	1.50	12.00
Light-pink Lawson	1.50	12.00

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2.00	$15.00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20.00
Pink Lawson	2.00	15.00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS

514 Asbury Ave. EVANSTON, ILL.

Mention The Review when you write.

JOHN SCOTT

Rutland Road and E. 45th St.,

BROOKLYN, N. Y.

Palms, Ferns AND Decorative Plants

Mention The Review when you write.

CINERARIAS

Dreer's Prize, tall mixed, from 3-in. pots, $3.00 per 100.

Geraniums, S. A. Nutt and Mme. Buchner, from 3-in. pots, $3.00 per 100.

ALBERT WM. BOERGER, Gardenville, N. Y.

Always Mention the Florists' Review when writing advertisers

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis, January, 1909. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

In 1909 we had no surplus stock to offer. With our large stock this season we are in a position to take care of all orders. $6.00 per 100; $50.00 per 1000.

We have large stocks of White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat, Beacon.

Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted,
Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.
If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

Mention The Review when you write.

DETROIT.

The Market.

Reports regarding business vary somewhat; still, taking it as a whole, it has been most satisfactory. The bulk of the business has been for funerals, many large orders being placed in some cases. With the exception of roses, stock is coming in in good quantities and moving rapidly. St. Valentine's day created a big demand for cut flowers, not only in Detroit, but many large shipments to neighboring cities were made by the wholesalers. Bulbous stock is slow this year with all the growers. Smilax is still quite scarce and out-of-town stock is being used to help satisfy the demand.

St. Valentine's Business.

Some years ago there was but little demand for flowers as valentines, in Detroit at least. This year only a moderate sum of money was spent in this city with the florists for valentines. At Easter and Christmas all of the florists doing a retail business receive a fair share of the orders, but not so on St. Valentine's day. The book and confectionery stores have so trained the public that the most of them never think of flowers as valentines; consequently, the florist who comes right out and shows and tells the people that flowers and plants are the most acceptable valentines, gets the business.

Various Notes.

Breitmeyer's Sons have several big decorations on hand for the near future. Their St. Valentine business was most satisfactory.

W. B. Brown put in a busy St. Valentine's day, decorating Masonic Temple for the annual ball of the Oriental Lodge. The decorations were unusually elaborate and were much admired.

The Bemb Floral Co. had a special St. Valentine's rush. A. Pochelon usually has some cute little original ideas for a day like St. Valentine's and, even though his store is where it is hard to find, people always manage to locate it.

The window of E A. Fetters' store was prettily trimmed the week previous to Valentine's day. Many ways of using flowers as valentines were shown, resulting in a big increase over last year's sales.

H. S.

Palms and Other Seasonable Stock

We have an extra good stock of Forsteriana, made-up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values.

7-in. pots, 3 plants in a pot, 40 to 44 inches high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each.

Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each.

Full line of sizes of both Forsteriana and Belmoreana in Price List No. 5, just out. Send for it if you did not receive it.

Genista Racemosa—5-in. pot plants, bushy, $3.50 per doz.; $25.00 per 100.

Rhododendrons—18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.

Azalea Mollis—12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.

Bougainvillea Glabra Sanderiana—5-in., well shaped, bushy plants, $3.00 per doz.
Asparagus Sprengeri—2 in., $2.50 per 100; $20.00 per 1000.
Boxwood—Fine bush plants, 12 in. high, $3.00 per doz.; $20.00 per 100.
Fuchsias—Assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

Mention The Review when you write.

WE ARE NOW BOOKING ORDERS FOR
BEGONIA LORRAINE
BEGONIA LORRAINE LONSDALE
BEGONIA AGATHA
June Delivery

Our stock will be of the very highest quality, and we wish to impress upon our customers that all our Begonias will be twice shifted. Orders filled in rotation. 2½-in. pots, $15.00 per 100; $140.00 per 1000.

Special price on lots of 5000 or 10,000 plants

ROBERT CRAIG CO., 4900 Market Street, Philadelphia, Pa.

Mention The Review when you write.

FERNS For FERNERIES

Finest Stock in America
We have the best assortment of varieties generally used.
Assorted, per 100, $3.50; per 1000, $30.00.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1.00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1.25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5 in., 50c and 75c; 6-in., $1.00, $1.25 and $1.50; large plants $2.00 to $35.00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2.50, $3.00, $5.00, $7.00 $8.00, $9.00, $10.00, $12.00, $15.00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c, 6-in., 75c.
Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

All my plants are in fine condition.

JOHN BADER
43 Ravine St., N. S., PITTSBURG, PA.

Mention The Review when you write

PRIMULA
Chinensis Obconica

The best strains in existence. Chinensis, large flowering fringed, 12 separate colors or mixed, ½ tr. pkt., 40c; tr. pkt., 75c. Obconica Hybrids, unrivaled Ronsdorfer and Lattman strains, absolutely the best. Large Flowering and Large Flowering Fringed, 15 separate colors or mixed, ½ tr pkt., 40c; tr. pkt., 75c. Obconica Gigantea, 5 separate colors or mixed, ½ tr pkt., 60c; tr. pkt., $1.00. Every seed guaranteed fresh crop.

J. L. SCHILLER, 929 Prouty Ave., Toledo, Ohio

Mention The Review when you write

DAHLIAS—GLADIOLUS

400 varieties of Dahlias, selections from the best the country affords.
Gladiolus in mixture, in quantities from 1 ozen to 100,000. Order early for spring of 1910.

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

Mention The Review when you write.

PALMS

Especially strong plants ready for shifting.
Kentia Belmoreana, in 2½-inch pots, $9.00 per 100; $85.00 per 1000.
Areca Lutescens, in 2½-inch pots, $7.00 per 100; $65.00 per 1000.

JACKSON & PERKINS CO.
NEWARK (Near Rochester), **NEW YORK**

...YOU...
Will Find ALL the BEST OFFERS ALL the Time in the REVIEW'S CLASSIFIED ADVS.

IMPORTED ORCHIDS
JUST TO HAND
Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum
Others to Follow

JULIUS ROEHRS COMPANY
The Orchid Nurseries, RUTHERFORD, N. J.

Mention The Review when you write.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we offer at advantageous prices.

ORDONEZ BROS., 41 W 28th St., New York
AND MADISON, N. J.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ACTO, N. J.

Mention The Review when you write.

Dracæna Indivisa and English Ivy

Dracaena Indivisa, 5-in., perfect specimen plants, pot-grown, $30.00 per 100. **English Ivy,** 4-in., pot-grown, staked up, 3 to 4 ft. long, $10.00 per 100. Place your orders now and have the stock shipped when you want it.

ROOTED CUTTINGS

Geraniums, Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Carnations, rooted cuttings. Enchantress, $2.50 per 100; $20.00 per 1000. Rose-pink Enchantress, $3.00 per 100; $25.00 per 1000. Pink Lawson, $2.00 per 100; $15.00 per 1000.
Russellias, 70c per 100; $6.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

Mention The Review when you write.

DECORATIVE PLANTS

	Per 100
2½-in. **Boston Ferns**	$ 4.50
4-in. " "	15.00
5-in. " "	25.00
7-in. " "	60.00
2½-in. **Whitmani Ferns**	5.00
2-in. **Asparagus Plumosus Nanus**	3.00
4-in. " " "	12.00
2-in. **Asparagus Sprengeri**	2.50
3-in. " "	6.00
2-in. assorted **Ferns** for dishes	3.00
4-in. **Araucaria Excelsa**	50.00
2-in. **Baby Primrose**	2.50
2-in. **Chinese Primrose**	2.50
3-in. **Cyclamen**	7.00
4-in. "	15.00
2-in. **Moonvines,** white	3.00

Also a full line of **Bedding Stock** and the best **Wire Hanging Baskets** on the market. Write us.

D. U. AUGSPURGER & SONS CO.
PEORIA, ILL.

Mention The Review when you write.

Snow White Sport of HELEN FRICK
Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.
Heavy stock plants.....$3.00 per doz.
Smaller " " 2.00

HENRY EICHHOLZ, Waynesboro, Pa.

Mention The Review when you write.

Whitmani Ferns

Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.
Scholzeli Ferns, from 2½-in., $5.00 per 100.
Boston Ferns, 2½-in. pots, $3.00 and $4.00 per 100.
Camellias, Campbell and Chandlerii, in bloom, $1.25, $1.50 and $2.00 each.

ANTON SCHULTHEIS, College Point, L. I.

Mention The Review when you write.

Dahlias

Fine assortment, all good cut flower varieties, $6.00 per 100; $55.00 per 1000. Large field-grown roots.

Hardy Phlox—Large lists, all true to name. Good sized clumps from the field. $4.00 per 100; $35.00 per 1000.
Write for descriptive lists of Dahlias and Phlox.

WOODWORTH & PARKER, Geneva, O.

TIRED
Of Your Cattleyas?

Sell them to me before they die. State number of varieties and condition. Address No. 181, care of Florists' Review, Chicago.

GERANIUMS

Our Geranium Catalogue is recognized as the book of Geraniums, and will be found very interesting to any one who is in any way interested in Geraniums. Free to the trade. We do not send out rooted cuttings, only plants from 2 to 3-inch pots. Our price for good Standard Varieties from 2-inch pots is $2.00 per 100; $18.50 per 1000.

Our Special Collection of 1000, from 2-inch pots, for $18.50 per 1000, in 20 of the very best distinct semi-double varieties, is a collection that will rank second to none in the country; the same number of varieties, in 3 in. pots, for $25.00.

One each of 50 varieties, European 1909 Novelties, our selection, for $5.00.

	Per 100
Ivy Geraniums, 6 varieties	$2.00
Variegated Geraniums, 5 varieties	3.00
Apple-scented Geraniums	3.00
Pansy Geraniums, Mrs. Layal	6.00

Double Lobelia Kathleen Mallard; Alyssum, giant and dwarf double; Lemon Verbenas; Fuchsias, 6 varieties; Salvia Bonfire; Petunias, double mixed; Coleus, Golden Bedder and Verschaffeltii; Parlor Ivy, 2-inch pots, $2.00 per 100; 3-inch pots, $3.00 per 100.

Hardy Chrysanthemums. We have the largest collection in the country, $2.00 per 100, from 2-inch pots; not less than 5 of a kind.

Canna Roots, strong divisions, $1.75 to $2.50 per 100; $18.50 per 1000.

Dahlia Roots, whole field clumps, $5.00 per 100; $40.00 per 1000. Mixed to color, $4.00 per 100; $35.00 per 1000.

Cash with order. Visitors always welcome.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

Mention The Review when you write.

FERNS FOR DISHES

Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Cash with order.

Frank Oechslin, 4911 Quincy St., **Chicago, Ill.**

Formerly Garfield Park Flower Co.

Mention The Review when you write.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

Always Mention the....
Florists' Review
When Writing Advertisers

Cineraria Plants

Large Stocky Plants, in 6-in. pots, in close bud, will make fine 8-in. plants for Easter, $25.00 per 100.

Also fine stocky plants, in 4-in. pots, in close bud, will make fine 6-in. plants, $1.00 per doz.; $8.00 per 100.

Genista Fragrans, stocky 6-in. pot plants, in bud, $4.00 per doz. Also fine 5-in. pot plants, $3.00 per 100.

Asparagus Plumosus Nanus, 3-in. pot plants, very stocky, $6.00 per 100.

Daisy Plants

2½-in. pots, in bud	per 100, $5.00
5 in. pots, in bud	per doz., 2.40
6-in pots, in bud	per doz., 4.00
8-in. pots, in bud	per doz., 9.00
10-in. pots, in bud	per plant, 2.00

Also Lilies, Azaleas, Tulips, Daffodils, Hyacinths, Spiraea, Baby Rambler and Magna Charta rose plants; all in good shape and flowering condition for Easter sales.

J. WILLIAM COLFLESH
53rd St. and Woodland Ave., Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

WAYSIDE NOTES.

Chas. H. Kaulbach, of Haverhill, Mass., says he has been up and down the ladder many times during his life, but even more of late. He keeps his stock of design boxes in a loft, conveniently arranged over the workroom, and the rush of funeral work has been the cause of so many extra trips.

"Let me introduce you to Bon Ami," was the welcome of E. J. Buxton, at Nashua, N. H. I do not remember looking at a finer lot of carnations than what can be seen here—thrifty stock, picked rather closely for the second crop of cuttings in the sand bed. There is a fine batch ready to fill early orders. Granite State is sidetracked for this season, but is strongly in evidence and will be a power among whites when introduced next year. Those who are not satisfied with White Perfection or desire a better—and we are all looking for the best—should plant Bon Ami.

Charles Simpkins, superintendent of Mrs. J. C. Rogers' fine estate at Peabody, Mass., takes particular pride in a specimen of Acacia longifolia, now in full bloom. He annually sends a sprig to many fellow craftsmen at this season.

John M. Ward & Co., of Peabody, plant cyclamens from seed flats onto a bench and find this answers admirably where a large number are grown. Their lilies are the envy of many other growers; a more even lot would be hard to find.

W. T. Walke, at Salem, Mass., reports an excellent plant season. At the time of my visit he was gunning for bear. His foreman was staging ramblers and Lilium giganteum that looked promising for Easter.

L. C. Midgley, of the Worcester Conservatories, Worcester, Mass., proposes many changes in this large plant, which could be appropriately termed Roseville, from the splendid roses grown, or Carnation Heights, from the healthy stock grown on a hillside. Commencing at the foot of the hill and looking either to the right or left, one's eyes rest upon a succession of up-to-date houses, filled with forcing stock of all kinds. Mr. Midgley modestly admits he was not always a florist, but good growers, like poets, are often born and not made.

G. H. Sinclair, of Holyoke, Mass., contemplates offering a prize in gold to the successful namer of his new seedling carnation, which is conceded by all who have seen it to be a grand commercial variety. Owing to the field being well supplied, though there is always room for a good carnation, he has decided not to place it on the market this season.

H. W. Field, at Northampton, Mass., never had a beter season, and he has some large orders booked for Easter. His stock looks fine.

Joseph Beach, at South Hadley Falls, Mass., has no kick coming. He says that now and then he gets lonesome, but picks up the Review and his spirits revive again. M.

Columbia City, Ind.—D. C. Noble has closed a deal whereby he purchased of Lancaster & Simpson the greenhouses formerly owned by Mr. Noble and sold by him last August to Messrs. Lancaster and Simpson, who came here from East Liverpool, O., to take charge.

Headquarters for Easter Plants

Prepare for Easter!

From whom will we purchase our Easter supply?

THE BEST EVER.

Better than ever are the plants whose gleaming
Blossoms and leaves shine bright in Aschmann's store,
Flowers of the kind of which we are always
dreaming,
More nearly perfect than all grown before;
Lilies with whiter sheen, azaleas richly tinted,
Ferns with their lacy fronds like bridal veils.
The araucarias' branches fruit with dollars,
minted
For florists' use after the Easter trade.

This seems now to be the daily talk of every florist. "I know what I am going to do," a wise man remarked the other day. "I have been so often deceived I will be no more, but I shall send in my order direct to our friend Godfrey Aschmann. He shall be my man this Easter. He has everything full and plenty and what he advertises is no BLUFF. We can always depend on him to get what we need, and cheap, too. As much as we know, he goes himself to Europe and selects in Belgium the cream of **Azaleas, Palms** and **Araucarias.** He does all that for the sake of his customers, to please them."

An immense stock of choice Easter plants, blooming Easter week, or earlier, if desired, are now ready for immediate shipment. Come yourself or mail your order direct to headquarters.

Our reputation in growing Easter plants for the wholesale market, to which we ship all over the entire country, Canada and Mexico, from the Atlantic to the Pacific Oceans, for many years past, is sufficient guarantee to prove our ability.



Go to Headquarters for Azaleas

Azalea Indica is a specialty with us, grown for us under contract by an Azalea specialist in Belgium for the last twenty years. Have three houses full of the choicest. Only best well-known American varieties are imported, planted in the fall as soon as they arrive from Belgium into 6-in., 7 and 8-in. pots, placed in greenhouses and kept cool in the winter and are now in excellent condition, covered with buds, just right for Easter. Please bear in mind the fact (mostly unknown to some azalea consumers) that fully 30 per cent to 40 per cent of the newly imported azaleas in dormant state will lose their buds and leaves during sea voyage and during winter up to February 1, and have to be kept over for another year. We ship only good stock, full of buds and flowers, and, therefore, you can't expect an azalea at this time as big and as cheap as if you would buy them in dormant state in the fall.

What is the name of the best double pink azalea? **Mme. Van der Cruyssen** is the name, originated by the well-known azalea specialist Mr. Van der Cruyssen of Belgium. Millions are raised every year and shipped to every point of the globe from Belgium. We have a big stock on hand of this so well-known and favorite variety in tip-top condition. Every plant is as round as an apple, covered with buds, just right for Easter trade. All sizes in the following prices: 75c, $1.00, $1.25, $1.50 to $2.00 each.

Azalea Indica

In large plants we have the following, full of buds: Bernard Andre Alba (pure white), Niobe (pure white) HeleneThelemann (rose, light pink), Memoire de L. Van Houtte, large flowers (double pink), Empress of India, large flowering (double variegated), Dr. Moore (double pink), Mme. Van der Cruyssen (best of all the pink), Apollo (red), De Schryveriana (double variegated), $1.50, $2.00, $2.50 and $3.00. In smaller sizes we have the following varieties, full of buds: Deutsche Perle (double white), Mme. Van der Cruyssen, Vervaeneana (double variegated), a well known standard variety, Apollo (red), Simon Mardner (double pink), De Schryveriana (double variegated), Empress of India (double variegated), Niobe (double white), all well budded. 50c, 75c, $1.00, $1.25 and $1.50. Professeur Wolters. $1.00, $1.25 to $1.50. This is a well known, bright, variegated variety. When we are out of one color, we send the next similar color; also, if we are out of the size ordered, we send the next size either above or below the price mentioned.

Easter Lilies, Lilium Multiflorum, the genuine Japanese Easter Lily directly imported by us. We have a friend in Japan who looks after our interests there. He picks out for us only the good, healthy ones, and marks them while they are growing, the 10-in. bulbs, and therefore he ships to us the cream of the plants of Japan. We have lilies this year to burn; can supply, if nothing happens, every customer and others who want lilies. If you see them growing in our greenhouses you must all admit they are "crackerjacks." We sell them cheap too. Where other florists get 15c per bud, we only charge you 10c per bud, for plants in 6-in. pots, having 5, 8, 10 and more buds to the plant. Plants under 5 buds, 12c per bud, 6-in. pots.

The 9 to 10 Japanese lily bulbs were nearly a failure last fall, owing to the bad weather. While other florists and some dealers only received 20 to 30 per cent of their orders, we were one of the fortunate, receiving the full amount of our order (5000) from one grower in Japan. No joke when I tell you our lilies were never so nice and perfect as this year. Orders for lilies only positively will not be filled; if you want the lilies it will be necessary for your order to call for other stock also.

Tournesol Tulips, best double tulips, variegated, three bulbs in a pot, $1.80 per dozen pots; $14.00 per 100.

Begonia, new improved **Erfordii,** 5-in. pots, $2.50 per dozen. **Flambeau,** 5 in., $2.00 per dozen.

Primula Obconica, 5-in., $2.00 to $2.50 dozen.

Cineraria Hybrida, best plants, 5¼ to 6-in. pots, **for Easter,** at $2.00, $3.00, $4.00 to $5.00 per dozen.

Spiraea Gladstone. We have a house full in very fine condition, in bud now, just right for Easter, large plants, full of buds. Remember Gladstone is scarce this year, owing to the dry weather in Holland last year, but we were fortunate to have received enough to supply all of our customers; price, 6 to 7-in pots, 50c, 75c, $1.00.

Superba, Japonica, Floribunda, 6-in. pots, 25 to 50c.

Ipomoea Noctiflora, purest white moonflower, for which we have a world-wide reputation, now ready, 2½-in. pots, $5.00 per 100.

Hyacinths, four best colors. King of the Blues (dark blue), Grand Maitre (light blue), Gertrude (best pink), La Grandesse (best white), right for Easter, in cold frame, 4-in. pots, 10c to 12c.

Murillo Tulips, 3 bulbs in a 4-in. pot, $2.00 per dozen pots; all bulb stock is strictly our own importation, now in cold frame covered with litter and will bloom in three weeks after bringing them into the greenhouse.

Daffodil Von Sion, best double, three bulbs, $2.50 per dozen.

Areca Lutescens, 5-in. pots, 3 plants in a pot, 35c.

Ficus Elastica (rubbers), 5½ to 6-in. pots, 25c to 30c.

Awerpohlii, very fine, 6-in., 50c to 75c.

Wilsoni in pans, 35c.

Asparagus Sprengeri, big stock, 3-in., 7c; 4-in., 10c.

Asparagus Plumosus, large, 2½-in., 3c; 3-in. pots, $5.00 per 100; 4-in., 10c.

Kentia Belmoreana, 3 in., 10c; 4-in., 20c.

Kentia Forsteriana, 6 to 7-in. pots, 40 to 45 inches high, 75c, $1.00 $1.25 $1.50 $2.00 to $3.00 each; 4-in., 20c; 5¼ to 5½-in. pots, 20 to 25 in. high, 50c to 60c.

Cocos Weddelliana, 3-in., 15c.

Nephrolepis Todeaoides and Whitmani, 5½ to 6 in. pots, 35c, 40c, 50c 75c to $1.00.

Ferns for dishes, 2½ in., $5.00 per 100.

Hydrangea Otaksa, pot-grown, 6 to 7-in., 35c 50c, 75c, $1.00 to $1.50, full of buds, in fine condition for Easter.

All goods must travel at purchaser's risk. Cash with order, please.

Please state if you want stock shipped in or out of pots.

All bulbs are now under cover in cold frame and will bloom in two weeks from the time of bringing them in the greenhouse.

GODFREY ASCHMANN, 1012 West Ontario Street, **PHILADELPHIA, PA.**

IMPORTER, WHOLESALE GROWER AND SHIPPER OF POT PLANTS

FERNS For Immediate Delivery ORDER TODAY

We make a specialty of FERNS. Try us on a sample order.

BOSTON	Per 100
4-inch	$12.00
5-inch	25.00
6-inch	40.00
7-inch	60.00
8-inch	80.00
9-inch	each, 1.25
10-inch	each, 1.50
12-inch	each, 2.00

WHITMANI	Per 100
4-inch	$15.00
5-inch	30.00
6-inch	45.00
7-inch	60.00
8-inch	80.00
AMERPOHLII	
5-inch	30.00
6-inch	50.00

ALTERNANTHERAS
Rooted cuttings for spring delivery.

	Per 1000
P. Major	$4.00
A. Nana	4.00
Brilliantissima	5.00

ASPARAGUS PLUMOSUS, 3-inch, $7.00 per 100.

R. R. DAVIS & CO., (Successors to Davis Bros.) **Morrison, Ill.**

Mention The Review when you write.

Stock for Easter

We offer you **Lilies** for immediate shipment, with buds in shape so they will be open for Easter, at 12½c per bud.

Azaleas, at 75c, $1.00, $1.25 and $1.50 each.

Hyacinths, 4-in. pots, at $10.00; 5-in., $15.00 per 100.

Paper Whites, Narcissus, Von Sion and Miniature Hyacinths, 5-in., $20.00; 6 in., $25.00 per 100.

Obconica and Chinese Primroses, 3-in., $7.50; 4 in. $ 0.00.

Cyclamen, in 3, 4, 5 and 6 in.

Baby Ramblers, 3-in., $12 50; 4 in., $25.00; 5-in., 40c to 50c 6-in., 50c to 75c. **White Ramblers, Hermosa and Souperts,** the same price.

Spiraeas, 25c, 35c, 50c and 75c each.

Hydrangeas, 4 in., 25c; 5-in., 40c to 50c; 6-in., 50c to 75c; 8, 9 and 10-in., large specimen plants with 10 to 20 heads, at $2.00, $2.50, $3 00, $3.50 each.

Besides these we will have a nice stock of miscellaneous stock that will be in bloom for Easter.

Write

GEO. A. KUHL

Pekin, Ill.

Mention The Review when you write

VERBENAS FOR EVERYBODY



The finest select varieties, 70c per 100; $6.00 per 1000. Mums, the best varieties, $1.25 per 100; $10.00 per 1000. Feverfew, $1.25 per 100; $10.00 per 1000. Daisies, white and yellow, $1.00 per 100; $8 00 per 1000. Our Double Giant Sweet Alyssum, 80c per 100; $7.00 per 1000

Ageratums, 60c per 100; $5.00 per 1000. Cupheas, $1.00 per 100; $8.00 per 1000. We prepay express charges on all rooted cuttings, and guarantee satisfaction.

C. HUMFELD, The Rooted Cutting Specialist, **CLAY CENTER, KAN.**

Mention The Review when you write.

Funkia Undulata fol. var.

Extra fine plants,
$4.00 per 100; $35.00 per 1000.

Prices on all spring bulbs and plants cheerfully given.

F. W. O. SCHMITZ

Importer, **PRINCE BAY, N. Y.**

Mention The Review when you write.

Guaranteed Varieties. # ORCHIDS Direct from Collector.

Cattleyas, Vandas, Oncidiums. Dendrobiums, Odontoglossums, Miltonias, Laelias, Phalaenopsis, Etc.

Commercial varieties in any **quantity.** Advance orders insure good plants and prompt delivery. Prices and standard have no equal.

1910 catalogue now ready.

G. L. FREEMAN, 388 Appleton St., Holyoke, Mass.

Mention The Review when you write.

SELECT FERNS For Fine Store Trade

We offer a grand lot of exceptionally well-grown plants of the different varieties of

Nephrolepis, which will be found one of the best selling and most profitable plants that florists can handle. Our stock is in unusually fine shape, and we will guarantee it will please the most exacting, as it is exceptionally good value at the prices quoted.

Improved Elegantissima. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greatly improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-in. pots, $3.00 per doz.; 6-in., $6.00 to $9.00 per doz.—according to size; 8-in., $12.00 to $18.00 per doz.—according to size.

Superbissima. Introduced by us in 1908. A very unique and distinct novelty. Its distinguishing characteristics are its dark green foliage and dense growth. Fronds are very heavily imbricated, making them very dense and compact. Strong plants, 4-in. pots, $3 00 per doz.; 6-in., $6.00 to $9.00 per doz.—according to size; 8-in., $12.00 to $18.00 per doz.—according to size.

Bostoniensis, Piersoni, Whitmani, Scottii—Extra fine plants, 6-in. pots, $6.00 per doz.; 8-in pans, $12.00 per doz.

F. R. PIERSON CO., **Tarrytown-on-Hudson, New York**

Mention The Review when you write.

ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

Mention The Review when you write.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

H. DREYER

Tel. 228 Newtown, Jackson Ave., **ELMHURST, L. I.**

Decorative Plants

SPECIALTIES:—Palms, Ferns, Araucarias, Cycas, Pandanus, Lilies.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ADIANTUMS.

Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, 15c.
Baur Floral Co., Erie, Pa.

AGERATUMS.

Ageratum Little Blue Star, rooted cuttings, 75c; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Ageratum Stella Gurney, R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Ageratum Stella Gurney, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, O.

ALTERNANTHERAS.

Alternantheras. Strong, well rooted cuttings, the kind that will please you. P. major, red, 50c per 100; $4.00 per 1000. A, nana, yellow, 50c per 100; $4.00 per 1000. Brilliantissima, best red, 60c per 100; $5.00 per 1000.
J. W. Davis, 225 W. 16th St., Davenport, Ia.

Alternantheras, 6000 strong cuttings of red and medium colors, also 1000 yellow, in 2½-in. pots; will sell or exchange for good carnations.
S. H. Long, Glenwood, Ill.

Alternanthera Jewel, a splendid new variety, of a bronzy orange color, veined with scarlet, 2¼-in. pots, $2.00 per doz., $15.00 per 100.
Chas. H. Totty, Madison, N. J.

Alternantheras. Brilliantissima and Aurea nana, best red and yellow; rooted cuttings, 60c per 100; $5.00 per 1000.
Baur Floral Co., Erie, Pa.

Alternantheras, red and yellow, rooted cuttings, 50c; yellow, 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Alternanthera R. C., 3 kinds, 50c; $4.50 per 1000. Cash. Byer Bros., Chambersburg, Pa.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Alyssum, double giant, fine 2-in., 1¾c. Cash. Bargain list. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

AMPELOPSIS.

Ampelopsis Veitchii, fine, well rooted, one year plants, 18 to 24 in. 50 plants by mail, $2.00; 100 by express, $3.00; 1000, $25.00. Well graded and well packed plants in cellar.
Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, 5000 strong field stock, 18 to 24 live tops, also 50,000 privet, 20 to 30, 18 to 24 and 15 to 18 in. Write.
Benj. Connell, Merchantville, N. J.

ASPARAGUS.

Asparagus plumosus, 2-in., $2.00 per 100, $18.00 per 1000; 2½-in., $3.00 per 100, $27.50 per 1000. Sprengeri, 2¼-in., $1.75 per 100, $15.00 per 1000; 3-in., $4.00 per 100, $35.00 per 1000. Cash, please. Also see our advs. under ferns and vincas.
Reeser & Youngstrand, Springfield, Ohio.

ASPARAGUS SPRENGERI AND PLUMOSUS.
Fine 2-in. Sprengeri, $2.00. 2-in. plumosus, $3.00; 4-in., $10.00.
Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, strong plants, 2, 3 and 4-in., plumosus nanus, strong 4 and 5-in. Good stock; low prices.
Murray The Florist, Peoria, Ill.

ASPARAGUS PLUMOSUS.
2¼-in., $3.00 100; 4-in., $6.00 100.
S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

Asparagus Sprengeri, strong plants, 2½-in., $2.00 100, $18.00 1000; 3-in., $3.00 100, $27.00 1000. The East Lawn Gardens, Urbana, Ohio.

Asparagus plumosus, 2¼-in., $3.00 per 100; Sprengeri, 2¼-in., $2.00; 3-in., $5.00; 4-in., $10.00. Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus plumosus nanus, 2¼-in. pots, strong plants, $2.00 per 100. Grand Rapids Greenhouse Co., Grand Rapids, Mich.

Asparagus plumosus and Sprengeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus Sprengeri, 2, 3 and 4-in. pots, $2.00, $5.00 and $10.00 per 100.
Nixon H. Gano, Martinsville, Ind.

Asparagus plumosus nanus, 4-in., extra fine, large plants, $8.00 per 100.
Scharff Bros., Van Wert, Ohio.

Asparagus Sprengeri, 2-in., $3.00 per 100; 3½-in., heavy, $4.50.
Wagner Park Conservatories, Sidney, Ohio.

Asparagus Sprengeri, 2-in., $2.50 per 100; $20.00 per 1000.
Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 3-in., strong, $4.00 per 100. Cash. J. W. Miller,. Shiremanstown, Pa.

Asparagus Sprengeri, strong 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 3-in. pots, $3.00 per 100. D. R. Herron, Olean, N. Y.

Aspargaus plumosus, fine 4-in., $10.00 per 100.
Williams & Clark, Muncie, Ind.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus plumosus, fine, 3-in., $5.00 per 100.
Weber Bros., Ironton, Ohio.

Get Sprengeri for Easter, 6c; 4 and 5-in.
Roney Bros., West Grove, Pa.

Asparagus plumosus and Sprengeri, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 4-in., $6.00 per 100.
Joe W. Furst, Dayton, O.

AZALEAS.

Azaleas for Easter. Vervaeneana, Mme. Van der Cruyssen, Niobe, Empress of India, etc.; well budded and shapely plants, 10 to 12 in., 50c; 12 to 14 in., 75c; 16 to 18 in., $1.00 each. Whitton & Sons, City & Green Sts., Utica, N. Y.

Azalea mollis, 12 to 15 in. high, full of buds, $30.00 per 100; 15 to 18 in. high, very bushy, full of buds, $35.00 per 100.
Storrs & Harrison Co., Painesville, O.

BEGONIAS.

Begonias, blooming varieties, 8 best commercial kinds. Strong rooted cuttings, ready now, $1.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, O.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Blooming varieties of begonias, in assortment, $2.50 per 100. Pink incarnata, $4.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia semperflorens, transplanted, extra strong, from flats, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

Begonia incarnata, 3, 4 and 5-in. pots, $6.00, $10.00 and $20.00 per 100.
Nixon H. Gano, Martinsville, Ind.

Begonia rubra, strong plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Vernon begonias, 60c per 100. Cash.
C. A. Musser, Doylestown, O.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BOUGAINVILLEAS.

Bougainvillea glabra Sanderiana, 5-in., well shaped, bushy plants, $3.00 per doz.
Storrs & Harrison Co., Painesville, Ohio.

BOXWOOD.

Boxwood, dwarf. Fine, well furnished, perfect, 2-year transplanted plants, 6 to 10 in., $1.50 per doz.; $8.00 per 100. Packed free. No samples. Guaranteed as represented above.
Chas. Black, Hightstown, N. J.

Boxwood, fine bush plants, 12 in. high, $3.00 per doz., $20.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

BULBS.

HOLLAND BULBS AND PLANTS.
Of all descriptions.
Write for catalogue and prices.
C. KEUR & SONS,
Hillegom, Holland, or 344 Bourne Bldg., Phila.

SINGLE TUBEROSES.
Armstrong's Everblooming, just as dug from field. $2.00 per bushel.
A. H. Dailey, Knoxville, Tenn.

Amaryllis, a splendid strain of 2-year-old seedlings, dormant bulbs, at $3.00 per doz., $20.00 per 100. Chas. H. Totty, Madison N. J.

Mexican tuberose bulbs, $1.00 per 100; $7.00 per 1000. Good blooming size bulbs. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Mexican everblooming, sweet scented tuberose bulbs, flowering size, $6.00 per 1000.
Austin Floral Co., Austin, Tex.

Bulbs. Special wholesale price list of native lilliums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

CALLAS.

Calla devoniensis, the profuse Godfrey calla, extra strong plants, $4.00 per 100. 8% discount for cash with order.
Fred H. Lemon & Co., Richmond, Ind.

Cannas, Henderson and Pennsylvania, 2 and 3-eye divisions, 2c. Extra good, strong stock. Cash. Aurora Greenhouse Co., Aurora, Ill.

CANNAS.

CANNAS.
Our own home-grown stock is true to name. Extra selected, plump, sound, 2, 3, 4-eye roots. For other kinds and descriptions see display adv., Florists' Review, Jan. 27, page 6.

	100		100
Austria	$ 1.20	Louise, pink	$ 1.80
Allemania	1.20	Louisiana	1.50
Alba Rosea	1.20	Metallica	1.20
Alph. Bouvier	1.50	M. Washington	2.25
Alsace, white	1.50	Mont Blanc	4.50
B. Poitevine	1.75	Musaefolia, new.	1.50
Brandywine	2.00	Mrs. K. Gray	1.50
Buttercup, new	1.50	Mme. Crozy	2.00
Burbank	1.20	Mlle. Berat	1.75
Black Prince	1.80	Niagara	2.50
Black Beauty	2.50	Papa Nardy	2.00
Coronet	1.20	Pennsylvania	1.50
C. Henderson	1.50	Premier, gold-ed.	1.75
Crim. Bedder	2.00	Pres. Meyers	2.00
D. Marlboro	2.00	Q. Charlotte	2.25
Elizabeth Hoss	2.25	Robusta, red	1.20
Ex. Crampbel	1.50	R. Wallace	2.50
Egandale	1.50	S. Ant. Crozy	2.25
Express, dwarf	2.00	Shenandoah	1.75
Flor. Vaughan	2.00	Sec. Chabanne	2.00
Gladiator, new	2.25	Venus, new	3.00
Gladioflora, new.	10.00	Wm. Saunders	10.00
Italia	1.75	West Grove	1.80
J. D. Eisele	1.80	Wm. Boffinger	1.50
K. Humbert	4.50	All kinds, mix	.70

For caladiums, gladioli, tuberoses, etc., ask for special prices.
SHELLROAD GREENHOUSES,
Grange, Baltimore, Md.

Cannas. Sec. Chabanne, Paul Marquant, Cinnabar, $2.00 per 100; Pennsylvania, Louisiana, $2.50; Robusta, Mlle. Berat, $1.50; Beaute Poitevine, Pres. Viger, $3.00; Papa Nardy, $5.00; mixed, of best varieties, 75c per 100, $6.00 per 1000. Started plants can be furnished after March 1.
Wagner Park Conservatories, Sidney, O.

Cannas. Surplus of R. Wallace, best yellow, 2½c; Louisiana, Gladiator, Duke of York, Indiana, Philadelphia, Rubin, 2½c; Express, 3c; P. Nardy, 4c; K. Humbert, 6c. Choice 2 to 4 eye divisions in the pink of condition. Started plants in March and later.
W. J. Engle, R. R. 8, Dayton, Ohio.

Dry bulbs. King Humbert, $5.00 per 100. David Harum, Kate Gray, Pennsylvania, Allemania, Austria, $2.00. F. Vaughan, D. Marlborough, $1.50 per 100; $12.00 per 1000. Cash.
A. Thornhill, Box 219, R. R. 5, Rosedale, Kan.

Cannas. Souv. d'Ant. Crozy, F. Vaughan, J. C. Vaughan, Burbank, K. Gray, Black Beauty, Chas. Henderson, $1.50 per 100.
A. J. Baldwin, Newark, Ohio.

Canna roots. Souvenir de A. Crozy, Egandale, Queen Charlotte. A. Bouvier, $2.00 per 100; $18.00 per 1000. Cash, please.
J. Ambacher, West End, N. J.

Cannas. D. Harum, Pennsylvania, Burbank, $1.75 per 100; $15.00 per 1000. King Humbert, $4.00 per 100; $35.00 per 1000.
Andrew Peterson, Hoopeston, Ill.

Plump, healthy canna roots, $1.50 per 100; wintered in unheated earth pits. C. Henderson, Marlborough, Buttercup, etc.
Rose Gardens, North Emporia, Va.

Cannas, 25,000 dormant roots of 2 and 3 eyes each. For complete list and prices, see Florists' Review of Jan. 20 and 27.
Estate of David Fisher, Montvale, Mass.

King Humbert cannas, started plants, ready March 15, $6.00 per 100; $50.00 per 1000.
Furrow & Co., Guthrie, Okla.

Started clumps of Austria and Crozy cannas. G. B. Windler, 4059 Delore Ave., St. Louis, Mo.

Cannas. See our display adv. for special offerings. Mosbæk Greenhouse Co., Onarga, Ill.

Canna Venus, good live roots, $2.00 per 100.
A. B. Campbell, Cochranville, Pa.

CARNATIONS.

CARNATION CUTTINGS.
Strong, clean and well rooted.

Standard varieties.	100.	1000.
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
Winsor	3.00	25.00
Winona	3.00	25.00
Afterglow	3.00	25.00
Lawson	3.00	25.00
Melody	3.00	25.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Queen Louise	2.50	20.00
Beacon	3.00	25.00
Victory	3.00	25.00
Variegated Lawson	3.00	25.00
M. A. Patten	2.50	20.00
Mrs. Hutchison	3.25	25.00
Roosevelt	2.50	20.00
Boston Market	2.50	20.00
Flora Hill	2.50	20.00
Dorothy	2.50	20.00
Elbon	2.50	20.00
Liberty	2.50	20.00
Climax	2.50	20.00
White Beauty	2.50	20.00
Yellow Beauty	2.50	20.00
New varieties.	100.	1000.
Alma Ward	$15.00	$120.00
Mrs. C. W. Ward	12.00	100.00
Sangamo	12.00	100.00
Dorothy Gordon	10.00	75.00
Apple Blossom	6.00	50.00
May Day	6.00	50.00
Georgia	6.00	50.00

S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

CARNATION ROOTED CUTTINGS.
Strong, healthy, vigorous.

	100	1000
Sangamo, see display adv.	$12.00	$100.00
Conquest	12.00	100.00
May Day	6.00	50.00
Pink Delight	6.00	50.00
Afterglow	3.00	25.00
Winona	3.00	25.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
White Lawson	2.50	20.00
Enchantress	2.50	20.00
Beacon	2.50	20.00
Victory	2.50	20.00
Mrs. M. A. Patten	2.50	20.00

A. C. BROWN, SPRINGFIELD, ILL.

STRONG, HEALTHY, WELL ROOTED CARNATION CUTTINGS.

Alma Ward, $15.00 100; $120.00 1000. Admiration, Mrs. C. W. Ward, Shasta, Sangamo, Mary Tolman, Conquest, $12.00 100; $100.00 1000. Dorothy Gordon, $10.00 100; $75.00 1000. Niagara, Wanoka, Ruby, May Day, Georgia, Mrs. J. C. Vaughan, O. P. Bassett, Bay State, Apple Blossom, Gov. Deneen, $6.00 100; $50.00 1000. White Perfection, White Enchantress, Winsor, Beacon, Afterglow, Winona, Snowflake, $3.00 100; $25.00 1000. Lloyd, Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, $2.50 100; $20.00 1000.
S. J. Reuter & Son, Inc., Westerly, R. I.

Lawson rooted cuttings, from extra strong stock, $12.00 per 1000, or will exchange for rooted cuttings or 2½-in. pot plants of geraniums. Albert T. Hey Floral Co., Maywood, Ill.

CARNATION CUTTINGS.
Strong, well rooted, healthy stock.

Mary Tolman	$100.00 per 1000
Enchantress	15.00 per 1000
Rose-pink Enchantress	15.00 per 1000
White Enchantress	25.00 per 1000
Lawson-Enchantress	15.00 per 1000
O. P. Bassett	40.00 per 1000
Lucille	50.00 per 1000
Beacon	25.00 per 1000
Mrs. Charles Knopf	40.00 per 1000
Victory	20.00 per 1000
Winsor	15.00 per 1000
Winona	25.00 per 1000
Afterglow	25.00 per 1000
Variegated Lawson	12.00 per 1000
Pink Lawson	10.00 per 1000
Queen	8.00 per 1000
Sarah Hill	20.00 per 1000
White Perfection	25.00 per 1000
Harlowarden	15.00 per 1000
Ruby	45.00 per 1000
Aristocrat	25.00 per 1000

Cash or C. O. D.
SOL. GARLAND, DES PLAINES, ILL.

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. C. W. Ward	$12.00	$100.00
Conquest	12.00	.....
Sangamo	12.00	.....
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Robert Craig	3.00	25.00
Afterglow	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Harlowarden	3.00	25.00
Winsor	3.00	25.00
Lawson-Enchantress	3.00	25.00

Chas. H. Totty, Madison, N. J.

ROOTED CARNATION CUTTINGS.

	100.	1000.
Mary Tolman	$12.00	$100.00
Sangamo	12.00	100.00
Conquest	12.00	100.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Aristocrat	3.00	25.00
Winona	3.00	25.00
White Perfection	2.50	20.00
Lawson	2.00	15.00
Patten	2.00	15.00
Pink Patten	2.00	15.00

Des Plaines Floral Co., Des Plaines, Ill.

ROOTED CARNATION CUTTINGS.

	100	1000
Georgia	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	6.00	50.00
Winsor	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
O. P. Bassett	6.00	50.00
Beacon	3.00	25.00
Victory	3.00	25.00

And all the standard varieties.
THE LEO NIESSEN CO.,
1209 Arch St., Philadelphia, Pa.

First-class carnation rooted cuttings.

	100	1000
Enchantress	$2.00	$18.00
R. P. Enchantress	2.00	20.00
Winsor	2.00	18.00
Afterglow	2.50	22.50
R. Craig	1.75	15.00
Harlowarden	1.25	10.00
White Enchantress	2.50	22.50
White Perfection	2.50	22.50
Queen Louise	....	12.50

Cash with order or will ship C. O. D. subject to examination.
Andrew Peterson, Hoopeston, Ill.

CARNATION ROOTED CUTTINGS.
Strictly first-class stock of the best commercial varieties. 250 at 1000 rate.

	100	1000
Harlowarden	$2.00	$18.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.75	22.50
White Perfection	2.75	22.50
Pure White Enchantress	3.00	25.00
Winona	3.00	25.00
Beacon	3.50	30.00

A. A. GANNETT, GENEVA, N. Y.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00 100;	$15.00 1000
R. P. Enchantress	2.00 100;	15.00 1000
Lawson-Enchantress	2.00 100;	18.00 1000
Winsor	1.50 100;	12.50 1000
Nelson Fisher	2.00 100;	15.00 1000
M. A. Patten	1.00 100;	10.00 1000
Lady Bountiful	1.50 100;	12.50 1000
Boston Market	1.00 100;	10.00 1000
Beacon	3.00 100;	25.00 1000

Cash or C. O. D.
John H. Miller, 5558 N. Lincoln St., Chicago.

Strong, well rooted carnation cuttings. Pink Delight, Mrs. J. C. Vaughan, Marchioness, O. P. Bassett, Mrs. Chas. Knopf, $6.00 per 100; Splendor, Beacon, Victory, White Perfection, $3.00 per 100. L. H. A. Klein, Towson, Md.

CARNATION BAY STATE.

Last fall we bought a large stock of this new variegated carnation and now can offer first-class rooted cuttings at $3.00 per 100.

Also rooted cuttings, good stock, of Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winsor and Winona, $3.00 per 100; unrooted, $2.00 per 100. Reduced prices made on large orders.
SHEPARD'S GARDEN CARNATION CO.,
292 Fairmount St., Lowell, Mass.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Prosperity, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (Pink Prosperity, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

Carnation cuttings, clean, healthy stock, guaranteed. Enchantress, $2.00 per 100; $18.00 per 1000. Beacon, White Enchantress, Rose-pink Enchantress, $2.50 per 100; $25.00 per 1000. Lawson, $1.50 per 100; $15.00 per 1000. Winsor, $2.00 per 100; $20.00 per 1000. Admiration, $12.00 per 100; $100.00 per 1000. May Day, Georgia, O. P. Bassett, Mrs. Chas. Knopf, $6.00 per 100; $50.00 per 1000. Cash, please.
H. P. Smith, Piqua, Ohio.

SELECT CUTTINGS, HEAVILY ROOTED. VERY GOOD VALUE.

	100.	1000.
White Enchantress, Beacon	3.00	$25.00
Rose-pink, W. Perfection	3.00	25.00
Enchantress, Winsor	2.00	20.00
W. Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

Gullett & Sons, Lincoln, Ill.

WELL ROOTED CUTTINGS, READY NOW.

White Enchantress, Beacon	$3.00 100;	$25.00 1000
Winona, Afterglow	3.00 100;	25.00 1000
Red Nelson Fisher	3.00 100;	25.00 1000
Winsor	2.50 100;	20.00 1000
O. P. Bassett	6.00 100;	50.00 1000

A. C. Canfield, Springfield, Ill.

Well rooted carnation cuttings, entirely free from all disease. Winsor, Enchantress, White Enchantress, White Perfection, Beacon, $3.00 per 100; $25.00 per 1000. Boston Market, $2.00 per 100; $17.50 per 1000.
Edw. Reid, 1526 Ranstead St., Philadelphia, Pa.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Rooted carnation cuttings from cool-grown stock. White Enchantress and Beacon, $3.00 per 100, $25.00 per 1000; Enchantress, Winsor, Lady Bountiful and White Perfection, $2.50 per 100, $20.00 per 1000.
Warrendale Floral Co., St. Paul, Minn.

Strong, clean, well rooted cuttings of Winsor, $3.00 per 100; $25.00 per 1000. We will exchange 1000 well rooted Winsor for 1000 well rooted White Enchantress.
Valley View Greenhouses,
Velie Bros., Props., Marlborough, N. Y.

Well rooted carnation cuttings. Lawson, Lawson-Enchantress and Winsor, $2.50 per 100, $20.00 per 1000; O. P. Bassett, $5.00 per 100. Cash, please.
E. NAGEL & SON,
1118 W. Lake St., Minneapolis, Minn.

Carnations, strong, healthy rooted cuttings, ready now.

Enchantress	White Perfection.
R. P. Enchantress	Lady Bountiful
Lawson-Enchantress	

$2.50 per 100; $20.00 per 1000.
KRUEGER BROS., TOLEDO, OHIO.

Carnations. May Day, $6.00 100, $50.00 1000; Lawson and Victory, $2.00 100, $15.00 1000; Enchantress, W. Enchantress and W. Perfection, $2.50 100, $20.00 1000.
W. Frank & Sons, Portland, Ind.

Rooted carnation cuttings. Enchantress, W. Enchantress, Rose-pink Enchantress, Pink Imperial, $2.75 per 100.
South Bend Floral Co., South Bend, Ind.

Carnation rooted cuttings. F. Maid, $1.25; Mrs. Lawson, Harlowarden, $1.35 100. Nothing better. Otto Bourdy, R. D. 3, Lowell, Mass.

Carnation rooted cuttings. Beacon, Enchantress, Victory and Bountiful, $20.00 per 1000.
Wm. Murphy, 311 Main St., Cincinnati, O.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, immediate delivery.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations, Queen and Boston Market, rooted cuttings, $1.50 per 100; $10.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

Carnations. Well rooted cuttings of Boston Market and Harlowarden, $1.00 per 100.
A. B. Campbell, Cochranville, Pa.

Carnations, rooted, clean and strong, from boxes. Winsor, Beacon, $24.00 per 1000.
Rose Hill Nursery, New Rochelle, N. Y.

For first quality carnation cuttings, write us.
C. C. Pollworth Co., Milwaukee, Wis.

CARNATIONS—Continued.

Carnations. Winsor and Mrs. T. W. Lawson, from 2-in. pots, $2.50 per 100; $20.00 per 1000. Elegant stock.
N. A. Benson, 1360 So. Sherman St., Denver, Col.

Well rooted cuttings of LAWSON, $1.00 100. Baker, 100 W. Pleasant, Syracuse, N. Y.

Enchantress rooted cuttings, $20.00 1000.
W. Bainbridge, Mower St., Mt. Airy, Phila., Pa.

CHRYSANTHEMUMS.

Chrysanthemums, strong, well rooted cuttings, from bench-grown stock, guaranteed to give the best of satisfaction.

	1000		1000
Mme. Touset	$10.00	W. Bonnaffon	$10.00
Bergman, early white	15.00	Y. Bonnaffon	10.00
Mrs. Robinson	10.00	Yellow Eaton	15.00
Oct. Frost	10.00	White Eaton	15.00
Ivory	10.00	G. Pacific	10.00
Pink Ivory	10.00	Chadwick	15.00

Golden Glow, $20.00 per 1000. This is the earliest and best money maker of all mums.
We have good R. R. service, 24 express trains daily.
Swan Peterson Floral Co., Gibson City, Ill.

Chrysanthemum rooted cuttings, $1.00 per 100, $10.00 per 1000, except where noted. YELLOW—Early: Monrovia; Golden Harvest, $1.50 per 100; Louise Sievers, $1.50 per 100; Golden Glow, $1.50 per 100. Midseason: Bonnaffon. Late: Appleton, Yellow Jones. WHITE—Early: October Frost, $1.50 per 100, Queen. Midseason: Lynnwood Hall, Alice Roosevelt. Late: Jerome Jones. PINK—Pacific Supreme, Mrs. Wm. Hunter, $1.50 per 100; Wm. Duckham, $1.50 per 100. RED—Amateur Counsell. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Chrysanthemums. Yellow Ivory, a fine yellow sport of the well-known Ivory, young stock, 2¼-in. pots, ready March 1, $15.00 per 100.
Mrs. O. H. Kahn, Pockett's Crimson and Yellow Miller, fine plants, 2½-in. pots, ready now, $10.00 per 100.
Monrovia, Golden Glow, Miss M. Hankey, Nellie Pockett, 2¼-in., $3.00 per 100, $25.00 per 1000. Chas. H. Totty, Madison, N. J.

Chrysanthemum rooted cuttings, $1.00 per 100; $10.00 per 1000. Monrovia, Oct. Frost, Dr. Enguehard, Wm. Duckham, Cremo, Opah, Shaw, Jones, Minnie Bailey, Robinson, Maud Dean, G. Pacific, Estelle, Bonnaffon, White Bonnaffon, Black Hawk, Touset, Alice Byron and Nonin. Healthy stock, guaranteed.
D. R. Herron, Olean, N. Y.

Rooted mum cuttings from strong plants, bench grown. Jeanne Nonin, Yanoma, John Burton, Honesty, Golden Wedding, White and Yellow Bonnaffon, Wm. Duckham, Helen Frick, Dr. Enguehard, $1.00 per 100. Immediate delivery.
The Newburys, Mitchell, S. D.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Chrysanthemums, strong, healthy rooted cuttings. Crocus, R. Halliday, Polly Rose, Early Snow, Rosiere and Pacific Supreme, $2.00 per 100. These are all early and money makers. Cash, please. Quality is our hobby.
W. C. Hill Floral Co., Streator, Ill.

Gloria, a large early Enchantress pink mum; Pres. Taft, a huge glittering white midseason; both have stems and foliage unsurpassed. R. C., now ready, $1.00 per 25, $3.75 per 100, prepaid.
Chas. Frost, Kenilworth, N. J.

Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready now. U. S. Express. W. C. Scovell, Malta, Ohio.

Chrysanthemum rooted cuttings, good, clean, healthy stock, now ready, $1.00 per 100. J. Nonin, Dr. Enguehard, Crocus and Golden Glow.
A. J. Boothman, Adams, Mass.

Chrysanthemums. 2000 very heavy, well rooted White Bonnaffon cuttings from soil, $2.00 per 100; $18.00 per 1000.
Wilfrid Wheeler, Concord, Mass.

Chrysanthemum rooted cuttings, standard varieties, $1.00 per 100; $10.00 per 1000. Stock guaranteed, ready now.
A. W. Higgins, Westfield, Mass.

Strong, healthy rooted cuttings of Golden Glow, October Frost, Monrovia, Touset, Enguehard, $1.00 per 100.
Miss Elva R. Davis, Ionia, Mich.

Chrysanthemums. Strong rooted cuttings, $1.00 per 100. Cash. Appleton, Touset, Monrovia and Yellow Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Chrysanthemums, strong, rooted cuttings. Polly Rose, Enguehard, Smith, Halliday, 75c per 100. Cash. C. A. Musser, Doylestown, O.

Chrysanthemum Pres. Taft, well rooted cuttings, 75c per doz., postpaid.
A. B. Campbell, Cochranville, Pa.

Pompons, field clumps, 4c; the lot of 1000, $30.00. Hugo Kind, Hammonton, N. J.

CINERARIAS.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. C. Schmidt, Bristol, Pa.

Cinerarias, $2.00 per 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cinerarias, fine stock, 3-in., $5.00 per 100.
Ullrich's Greenhouse, Tiffin, Ohio.

Cinerarias, Dreer's dwarf, 4-in., $8.00 per 100.
Krueger Bros., Toledo, Ohio.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100. Large flowering, purple, red, white and blue, $2.00 per 10.
F. A. Baller, Bloomington, Ill.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100, by mail. 50,000, good, strong, clean, well rooted cuttings, now in sand; 300,000 more coming on. Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand, and all other leading varieties. Come and see them. Cash with order.
C. Schulze & Son,
261-275 Lawrence St., Flushing, L. I., N. Y.

Coleus rooted cuttings. Golden Bedder, Verschaffeltii and 10 other fine varieties, 60c per 100, $5.00 per 1000; 2½-in. pots, $2.50 per 100. D. H. Ruthrauff, Seneca Falls, N. Y.

Coleus, from 2½-in. pots, $2.00 per 100; rooted cuttings, 15 varieties, 60c per 100, $5.00 per 1000. J. & R. Krumholz, 825 Superior St., Detroit, Mich.

Coleus rooted cuttings. New trailer, fine for window boxes, vases, etc., 25c per 10; $1.50 per 100. The Kaber Co., La Porte, Ind.

Coleus, 20 best varieties. Rooted cuttings, 60c per 100, $5.00 per 1000; 2¼-in., $2.00 per 100. Curtis Floral Co., Hampton, Iowa.

Coleus, 16 kinds, extra fine stock in top cuttings, 75c per 100; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Wm. Schwan & Son, Fredonia, N. Y.

Coleus rooted cuttings, 60c 100; $5.00 1000. Golden Bedder, Verschaffeltii and others.
E. B. Randolph, Delavan, Ill.

Coleus, standard varieties, 2¼-in., 2c. Extra good, strong stock. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Coleus rooted cuttings, 15 best varieties, 60c per 100; $5.00 per 1000.
Thos. Salveson, Petersburg, Ill.

Coleus, 6 best varieties, 2-in., $1.75; rooted cuttings, 75c per 100.
Krueger Bros., Toledo, Ohio.

Coleus rooted cuttings, good varieties, 60c per 100; $5.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Coleus rooted cuttings, 15 kinds, $5.00 per 1000. U. G. Harglerode, Shippensburg, Pa.

CUPHEAS.

Cigar plants, rooted cuttings, 60c per 100, prepaid. G. E. Fink, Roselle, N. J.

CYCLAMEN.

Cyclamen in bud or bloom, fine Easter stock. Giganteum superbum, 10 varieties new English strain, Rococo in all colors, new salmon shades; also fringed and frilled. All that is best. 4-in., per 100, $12.00; a few 3-in., at 8c; 5-in., 25c; 6-in., 50c; 7-in., 75c.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum giganteum, August sowing, twice transplanted, separate colors and fine mixture, $2.50 per 100; $20.00 per 1000. Mail or express, charges prepaid.
E. Fryer, Johnstown, Pa.

Cyclamen giganteum (August seedlings), twice transplanted from flats; well-grown plants, in 5 colors, $3.00 per 100; $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, 3-in., $4.75; 4-in., $12.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, bud and bloom, 4-in., 15c. Krueger Bros., Toledo, Ohio.

DAFFODILS.

Daffodil blooms, good stuff, $1.00 per 100. Cash with order. M. H. Bowers, Columbus, Ga.

DAHLIAS.

Dahlias, Frank L. Bassett, Fire Rain, Jumbo, Mrs. Winters, Gen. Buller, Souv. de Mme. Moreau, Gettysburg, Brunhilde, John Elitch, Queen Victoria, Raphael, $2.00 per 100. Snow, Gracie, Catherine Duer, Mrs. H. J. Jones, Wm. Agnew, A. D. Livoni, Camelliaflora, Silver Wings, Volker, H. Lyndhurst, Mrs. Edw. Mawley, Maid of Kent, Mrs. F. Grinstead, Blanche Keith, Eureka, $3.00 per 100; Cuban Giant, Mrs. Hartung, Henry Patrick, Eloise, Yellow Gem, Jeanne Charmet, Countess of Lonsdale, Indian Chief, White Swan, Princess Victoria Louise, Hero, Dainty, Souv. de Gustave Doazon, Kriemhilde, $4.00 per 100. Per 100 in ten kinds, ten of each, my selection, $2.50; per 100, in twenty kinds, five of each, my selection, $3.50; in thousand lots, 20% off. Above stock is strong divisions of field roots, sound and true to name. Cash or reference.
W. A. Finger, Hicksville, L. I., N. Y.

Dahlias. Strong divisions of best cut flower varieties, including Delice, Jack Rose, Virginia Maule, Helene, Charmet, Aurora, Schwan, Wm. Marshall, Burbank, Countess of Lonsdale, Kriemhilde, Crimson Cactus, Catherine Duer, Gettysburg, Mrs. Chas. Turner, Nymphaea, Souv. de Gustave Doazon, Sylvia, Wm. Pierce, Livoni, Red Hussar, Queen Victoria, White Dandy, Bon Ton, Germania, Duke Henry, Queen Emma, King Leopold, Queen Wilhelmina, Pink Century, Crimson Century, $2.00 per 100 and up. Send for quotations. Will exchange for named gladioli.
W. K. Fletcher, Grower and Importer,
Route 5, Des Moines, Iowa.

Dahlias, best varieties, that will produce fine cut flowers the first season, from strong divided field roots. Mrs. Roosevelt, Kriemhilde, Sylvia, pink; Henry Patrick, white; Wm. Agnew, Catherine Duer, red; Countess of Lonsdale, salmon-pink, and Twentieth Century, single, $5.00 per 100. Thompson & Sons, Sta. D. Milwaukee, Wis.

Dahlias. Novelties and standard varieties, true to name, a choice list of the best introductions. Send for catalogue of dahlias, hollyhocks, hardy plants, etc.
W. W. Wilmore, Box 382, Denver, Colo.

Dahlias. Countess of Lonsdale, $8.00 per 100; Black Beauty, Elegante, $3.00; Arabella, Earl of Pembroke, $6.00. All large roots. Order today. Wagner Park Conservatories, Sidney, O.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Get my special offer of dahlias before buying. Large field clumps, surplus stock.
Barnes' Gardens, Spencer, Ind.

Dahlias, good, strong divisions, all named varieties, $1.75 per 100.
C. W. Hoffman, Route 13, Dayton, O.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B, Milwaukee, Wis.

DAISIES.

Marguerite daisies and Queen Alexandra, 2¼-in., 2c; 3-in., 4c; 4-in., Queen Alexandra, strong plants, good for Easter, 7c. Extra good strong stock. Cash. Aurora Greenhouse Co., Aurora, Ill.

Daisies. California, white and yellow, from seed, 75c per 100; Paris, 2½-in., strong plants, $1.75 per 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

Queen Alexandra Marguerites, in bud and bloom, 2½-in., $1.50 per 100. Cash.
C. A. Musser, Doylestown, O.

Shasta daisy plants, field-grown, 75c per 100; $6.50 per 1000. Cash or C. O. D.
Cook & Cook, Alvin, Tex.

Paris daisies, white, yellow, rooted cuttings, $1.00; pink, 2c. Cash.
Byer Bros., Chambersburg, Pa.

New fringed Shasta daisy, Seattle, 50c each. $5.00 doz.; seed packets, $1.00.
L. P. Walz, 1608 2nd Ave., Seattle, Wash.

Daisies, Marguerites, California, white, extra strong, $1.25 per 100, by mail.
S. W. Pike, St. Charles, Ill.

Marguerite daisies, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

DIELYTRAS.

Dielytra spectabilis, field-grown, $4.00 100.
S. J. Galloway, Eaton, Ohio.

DRACÆNAS

Dracaena indivisa. 1000 very fine plants, from 3½-in. pots, ready for a shift, will make fine vase plants by May, $8.00 per 100, or will sell lot for $50.00.
Wilfrid Wheeler, Concord, Mass.

Dracaena indivisa, fine, strong plants, from 3½-in. pots, $6.00 per 100; $50.00 per 1000. 8% discount for cash with order.
Fred H. Lemon & Co., Richmond, Ind.

Dracaena indivisa, 5-in., see display adv.
John Irvine & Sons, Bay City, Mich.

Dracaena indivisa, 3-in., 5c; 4-in., 12c.
Mosbæk Greenhouse Co., Onarga, Ill.

Dracaena indivisa, 5-in., $20.00 per 100; 4-in., $15.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, 4-in., $8.00 per 100.
Joe W. Furst, Dayton, O.

EASTER PLANTS.

We offer you lilies for immediate shipment, with buds in shape so they will be open for Easter, at 12½c per bud.
Azaleas, at 75c, $1.00, $1.25 and $1.50 each.
Hyacinths, 4-in. pots, at $10.00; 5-in., $15.00 per 100.
Paper Whites, narcissus, Von Sion and miniature hyacinths, 5-in., $20.00; 6-in., $25.00 per 100.
Obconica and Chinese primroses, 3-in., $7.50; 4-in., $10.00.
Cyclamen, in 3, 4, 5 and 6-inch.
Baby Ramblers, 3-in., $12.50; 4-in., $25.00; 5-in., 40c to 50c; 6-in., 50c to 75c. White Ramblers, Hermosa and Souperts, the same price.
Spiraeas, 25c, 35c, 50c and 75c each.
Hydrangeas, 4-in., 25c; 5-in., 40c to 50c; 6-in., 50c to 75c; 8, 9 and 10-in., large specimen plants with 10 to 20 heads, at $2.00, $2.50, $3.00, $3.50 each.
Besides these we will have a nice lot of miscellaneous stock that will be in bloom for Easter. Write. Geo. A. Kuhl, Pekin, Ill.

EULALIAS.

Eulalias in variety, strong, field-grown, $5.00 100. S. J. Galloway, Eaton, Ohio.

FERNS.

FERNS FOR FERN DISHES, extra strong, healthy, bushy, field-grown, 2¼-in. stock, guaranteed to please. Assortment of 12 best varieties, $3.00 per 100, $25.00 per 1000; 250 at 1000 rate.
ADIANTUM CUNEATUM AND GRACILLIMUM, 2¼-in., $3.50 per 100; $30.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, handsomest, most valuable plant for all decorative purposes; no plant more profitable to both grower and retailer. Young stock for growing on ready March, April and May. Stock the largest, prices the best. Orders booked now.
ASPARAGUS PLUMOSUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!

Boston.			
4-in.	$12.00 100	7-in.	$60.00 100
5-in.	25.00 100	8-in.	80.00 100
6-in.	40.00 100	9-in.	1.25 ea.
Whitmani.			
5-in.	$30.00 100	7-in.	$60.00 100
6-in.	45.00 100	8-in.	80.00 100

R. R. DAVIS & CO., MORRISON, ILL.

Three large houses full of fine ferns. Boston, Whitmani and Scottii, 2½-in., $3.50 per 100, $35.00 per 1000; 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $115.00 per 1000. All of these ferns are ready for a shift and are exceptional values. Cash, please. Also see advs. under asparagus and vincas.
Reeser & Youngstrand, Springfield, Ohio.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St. N. S., Pittsburg, Pa.

Ferns. Scottii, Whitmani and Elegantissima, 3-in., 10c; Piersoni and Boston, 3-in., 8c; Piersoni, Elegantissima and Whitmani, 5-in., 30c.
Mosbæk Greenhouse Co., Onarga, Ill.

Boston and Whitmani ferns, 5-in., 20c; 6-in., 40c; from bench, strong plants for 5 and 6-in. pots, 20c each. Extra good strong stock. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Ferns, strong, 6-in. stock. Scottii, Piersoni, Whitmani, todeaoides, 40c to 50c; Superbissima, 6-in., 75c to $1.00; 4-in., 35c to 40c.
Evenden Bros., Williamsport, Pa.

Fine assorted ferns, out of 3-in. pots, well grown, $5.00 per 100. Cash with order.
CHAS. A. KNAPP,
7634 Corson St., Chestnut Hill, Phila., Pa.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 2½, 3, 4 and 5-in.; also Amerpohlii, 3, 4 and 5-in. Fine stock; prices right.
Murray The Florist, Peoria, Ill.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4011 Quincy St., Chicago.

Ferns. Piersoni, Barrowsii, Scottii and Elegantissima, 4-in., $15.00 per 100.
Wagner Park Conservatories, Sidney, O.

20,000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Boston and Whitmani ferns, extra fine, strong 2-in., $3.50 100. Cash.
F. C. Greene, Oil City, Pa.

Boston and Piersoni ferns, 2-in., $2.50 per 100. Cash. Chillicothe Floral Co., Chillicothe, O.

Ferns. Boston and Elegantissima, strong, 4-in., 15c; 6-in., 40c. Cash.
J. M. Smely, Aurora, Ill.

Whitmani ferns, 4-in., 10c; 2½-in., 8c, $25.00 per 100. John A. Doyle, Springfield, Ohio.

Boston ferns, strong, from bench, $24.00 per 1000. Rose Hill Nursery, New Rochelle, N. Y.

FEVERFEW.

400 feverfew, 2½-in. pots, in excellent condition, 2½c. Cash. R. P. Atwell, Ft. Dodge, Ia.

Feverfew Little Gem, 80c per 100 by mail.
S. W. Pike, St. Charles, Ill.

FUCHSIAS.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, rooted cuttings, $1.00 per 100; nice, bushy stock plants, 4-in., $8.00 per 100.
W. Eschrich & Co., North Milwaukee, Wis.

Fuchsias, 8 best varieties, rooted cuttings, $1.50 per 100; $10.00 per 1000.
Stuppy Floral Co., St. Joseph, Mo.

Fuchsias, assorted, in 6 best varieties, $3.00 per 100, $25.00 per 1000.
The Storrs & Harrison Co., Painesville, Ohio.

Fuchsias, single and double, rooted cuttings, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

Fuchsia Black Prince, from 2½-in. pots, $2.50 per 100. J. & R. Krumhols, 825 Superior St., Detroit, Mich.

GENISTAS.

Genista racemosa, 5-in. pot plants, bushy, $3.50 per dozen; $25.00 per 100.
Storrs & Harrison Co., Painesville, Ohio.

Genistas, just coming into flower and right for Easter, 5-in., $2.00 per doz.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Genistas, strong plants from flats, $1.50 per 100. S. Whitton, 15 Gray Ave., Utica, N. Y.

GERANIUMS.

50,000 geraniums, 2 and 2¼-in., good stock, best bedding varieties, labeled true to name.
A. Ricard (scarlet), Beaute Poitevine (salmon), Peter Henderson (dazzling scarlet), Comtesse d'Harcourt (best double white), 2-in., $2.50 per 100; $24.00 per 1000.
H. L. Hartman (double, deep rose-pink, shaded scarlet, large truss, XX), Marvel (dark red, shaded purple, better than S. A. Nutt), Jean Viaud (best pink), Beauty (large truss, single salmon), John Doyle (bright scarlet), Mme. Buchner (double white), 2¼-in., $2.25 per 100; $22.00 per 1000.
S. A. Nutt (crimson scarlet), Marvel (color described above), Mme. Buchner (double white), Jean Viaud (best pink), 2-in. stock, $2.00 per 100; $19.00 per 1000.
A discount of $1.00 per 1000 will be allowed on all orders stating that soil may be shaken off, as it does not hurt the plants and will reduce the express rates over one-half. Cash.
LOUIS P. FAULK,
R. F. D. 8, Box 48, Allegheny, Pa.

Geraniums. 2000 A. Ricard, 2½-in. pots, $2.00 per 100; $18.00 per 1000. 2000 Buchner, white, 2½-in. pots, $1.75 per 100; $15.00 per 1000. 1000 S. A. Nutt, 2½-in. pots, $2.00 per 100; $18.00 per 1000. 500 J. Doyle, 2½-in. pots, $2.00 per 100; $18.00 per 1000. Nice stock, ready for shift. Cash with order.
E. V. B. Felthousen,
184 Van Vranken Ave., Schenectady, N. Y.

GERANIUM CUTTINGS, A 1 STOCK.
BEAUTE POITEVINE (salmon), delivery about Feb. 25; S. A. NUTT, MME. BUCHNER, JEAN VIAUD, GEN. GRANT, for delivery March 1 to 5, $1.50 per 100; $15.00 per 1000. Cash.
The W. T. Buckley Co., Springfield, Ill.

Geranium rooted cuttings. All cuttings sold for February. Orders booked for March delivery. Nutt, $10.00 per 1000. Ricard, Poitevine, $12.50 per 1000; $1.50 per 100. Strong, stocky, short cuttings, well rooted. Cash, please.
Rudolf Nagel, Lancaster, Pa.

Geraniums, good strong stock. S. A. Nutt, La Favorite, Viaud, A. Ricard, Poitevine, 2½-in. stock, $2.25 per 100; 3-in., $4.00 per 100. Mixed geraniums, 2c and 3½c.
Andrew Peterson, Hoopeston, Ill.

S. A. Nutt, Gen. Grant, Mme. Buchner, Mme. Jaulin, Chas. Gervais, P. Henderson and Rose, $1.25 per 100; mixed, mostly P. Henderson and Gen. Grant, $1.00 per 100.
Chas. Frost, Kenilworth, N. J.

Geraniums. Ricard, Nutt and Buchner, strong, cool grown plants, from 2-in. pots, $2.00 per 100; $20.00 per 1000. Ricard, 2½-in., $2.50 per 100; mixed, $18.00 per 1000.
J. R. Brooks, Oxford Depot, N. Y.

Geraniums, good strong stock, ready to shift. 2000 each of S. A. Nutt and J. Viaud. 1500 La Favorite, 475 L'Aube, $2.00 per 100; $17.50 per 1000. Cash.
F. C. Greene, 610 Innis St., Oil City, Pa.

Geraniums. Mme. Landry, Gloire de France, Eugene Sue, Granville and others, rooted cuttings, $13.00 per 1000; 2½-in., $2.00 per 100.
Addems, Morgan & Co., Loda, Ill.

Geraniums, strong 2¼-in. 500 E. G. Hill, 500 La Favorite, 1500 S. A. Nutt, 500 Ricard, 400 De Castellane and 600 mixed, $2.00 per 100.
Arthur Harbison, Harrodsburg, Ky.

Bench-grown geraniums, No. 1, four best market varieties, ready for 4 and 4½-in., $3.00 per 100, if taken at once. Anton Cioban, Virden, Ill.

Geraniums, ready March 21 and later. Nutt, $10.00 per 1000; Ricard and Poitevine, $12.50 per 1000. Albert M. Herr, Lancaster, Pa.

Good 2¼-in. Nutt and John Doyle geraniums, $2.50 per 100; $20.00 per 1000. Cash. 500 at 1000 rate. Rutledge Nurseries, Rutledge, Pa.

Geraniums. Ricard, Poitevine, Bruant, De Castellane, La Favorite, Nutt, 2¼-in., $20.00 per 1000. S. M. Harbison, Danville, Ky.

Geraniums. S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

1000 choice mixed geraniums, strong, 2½-in. pots, 2c; if taken at once, $18.00. Need room.
S. E. Munts, Dubuque, Iowa.

Rose geraniums, 2-in. pots, $2.50 per 100. Geranium Salleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

Mme. Salleroi geraniums, strong, 2-in., $2.50 100. Cash. J. W. Miller, Shiremanstown, Pa.

Geraniums, 2½-in. Nutt, $17.50; Grant, La Favorite, $20.00 1000. Roney Bros., West Grove, Pa.

Geranium rooted cuttings of S. A. Nutt, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

3000 Mme. Salleroi, 2-in., strong plants, $1.75 100. Cash. E. Glauser, Toledo, Ohio.

Geranium Mme. Salleroi, out of 2½-in. pots, $2.00 100. Cash. Stephen Chase, Nashua, N. H.

Geranium rooted cuttings, Nutt, $1.00 per 100.
Jacob Doerrer, R. 1, Columbia, Pa.

Geraniums, Ricard, Nutt, Poitevine, $12.50 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

GLADIOLI.

Gladiolus Alice Carey, the best white in cultivation, No. 1, $5.00 per 100; $40.00 per 1000. America, No. 1, $4.00 per 100; $30.00 per 1000. Price list free.
E. Y. Teas, Centerville, Ind.

Gladioli. Independence, the best red in the market; also Mrs. Frances King, Giant Pink, Augusta and Groff's hybrids, genuine stock. Write for prices.
Geo. S. Woodruff, Independence, Iowa.

Gladioli, new forcing Pink Beauty, May character, only Pink throws several flowering spikes, $2.50 100. Cash. 1000 rates withdrawn.
F. H. Stevens, Grower, Saginaw W. S., Mich.

Buy Independence gladiolus direct from home. We grew the stock that was introduced in 1908. Planting sizes cheap for cash.
G. D. Black & Co., Independence, Iowa.

Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli. Mrs. Frances King, $3.00 per 1000; also other choice sorts cheap. Cash.
P. O. Coblentz, New Madison, Ohio.

Get my special surplus offer of gladioli before buying. Barnes' Gardens, Spencer, Ind.

Augusta, ⅛ to ¼-in., $1.10 1000, prepaid.
C. H. Ketcham, N. S. D., So. Haven, Mich.

Gladioli. Send for list.
W. E. Kirchhoff Co., Pembroke, N. Y.

HARDY PLANTS.

Dianthus (pinks) in variety, field-grown, $4.00 100. Also all hardy plants, the cheapest and best. Send for list. S. J. Galloway, Eaton, Ohio.

HELIOTROPES.

Heliotropes, dark, fine stock. Rooted cuttings, ¾c each; 2-in., 1½c. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotrope rooted cuttings, $1.00 per 100; 2¼-in., 2c. Extra good strong plants. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, dark variety. Rooted cuttings, $1.00 per 100; 2½-in., $2.00; 3½-in., $5.00.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotropes, all sold to March 1, 75c per 100, prepaid; light or dark.
G. E. Fink, Roselle, N. J.

Heliotropes, dark blue; rooted cuttings, 75c per 100; $6.00 per 1000.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

Heliotrope rooted cuttings, dark variety, 75c per 100, prepaid. A. W. Higgins, Westfield, Mass.

HELIOTROPES—Continued.

Dark heliotrope rooted cuttings, 75c per 100.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, the true large flowering forcing variety, warranted true. 2¼-in. pots, $3.00 per 100; one year field-grown, strong, 12 to 18 in., $6.00 per 100; $55.00 per 1000. New trade list ready. Write for it today.
Good & Reese Co., Springfield, O.
The Largest Rose Growers in the World.

Hydrangea arborescens grandiflora alba. We have the largest stock of strong, 2-year plants in America. Plants, 2 to 3 ft., $2.50 per doz., $15.00 per 100, $140.00 per 1000; good plants, 15 to 20 inches, $10.00 per 100. Price list.
E. Y. Teas, Centerville, Ind.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

Hydrangea Otaksa, field-grown, strong, well shaped plants for spring flowering; 2-crown, 8c.
Baur Floral Co., Erie, Pa.

Hydrangea hortensis, 2-year-old, $8.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

IRISES.

German iris in variety, named, $3.00 100; mixed, $2.00 100. S. J. Galloway, Eaton, O.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

IVIES.

English ivy rooted cuttings, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Parlor ivy rooted cuttings, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

LILY OF THE VALLEY.

Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or references, please.
W. A. Finger, Hicksville, N. Y.

Lily of the valley, Bruns' celebrated Chicago Market Brand, $15.00 1000; $1.75 100.
H. N. Bruns, 3040 Madison St., Chicago.

LOBELIAS.

Lobelia, blue, rooted cuttings, 90c per 100; $7.00 per 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Double lobelias, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, O.

Lobelia, blue, from flats, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

MOONVINES.

Moonvines, 2-in. pots, strong plants, $2.50 per 100. C. L. Brunson & Co., Paducah, Ky.

Moonvine rooted cuttings, $1.50 per 100.
Stuart & Haugh, Anderson, Ind.

MYRTLE.

Myrtle, fine, field-grown plants, $25.00 and $40.00 1000. S. J. Galloway, Eaton, O.

NURSERY STOCK.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

ORCHIDS.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

We have an extra good stock of Forsteriana, made up, three plants in a pot or tub, all clean, perfect plants. We need to reduce our palm stock, and are giving extra values. 7-in. pots, 3 plants in a pot, 40 to 44 in. high, $4.00 each; 8-in. pots, 3 plants in a pot, 44 to 48 in. high, $5.00 each. Single plants, Kentia Forsteriana, 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50 each; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50 each. Full line of sizes of both Forsteriana and Belmoreana in price list No. 5, just out. Send for it if you did not receive it.
Storrs & Harrison Co., Painesville, Ohio.

Palms, especially strong plants, ready for shifting. Kentia Belmoreana, 2½-in. pots, $9.00 per 100; $85.00 per 1000. Areca lutescens, 2½-in. pots, $7.00 per 100; $65.00 per 1000.
Jackson & Perkins Co., Newark, New York.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

700 Latania borbonica, 4-in. pots, $20.00 per 100. Need the room and cash.
Chillicothe Floral Co., Chillicothe, O.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

PANSIES.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
Gustav Pitzonka, Pansy Farm, Bristol, Pa.

Pansies, fall transplanted, $1.25 per 100, $10.00 per 1000; fall sown, 50c per 100, $3.00 per 1000. Extra choice, said by growers to be the largest in the world, 30c per doz., $2.00 per 100. F. A. Baller, Bloomington, Ill.

Pansies. Large transplanted plants of the following: Brilliant Strain, Bugnot, Cassier, Odier and Trimardeau, $3.00 per 1000; 2000 for $5.00. Whitton & Sons, City & Green Sts., Utica, N. Y.

25,000 fine, mixed, transplanted pansy plants, 1c each, in lots of 25 or more, postage paid; $8.50 per 1000, by express.
S. J. McMichael, 142 Larkins St., Findlay, O.

100,000 mixed best giant pansies, transplanted, $2.50, $3.50 per 1000. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Pansies, strong, stocky plants, in bud and bloom, fine for Easter, $2.50 per 100.
Gustave Freytag, Florist, West Orange, N. J.

Pansies, extra strong, transplanted stock, $5.00 per 1000.
Mosbæk Greenhouse Co., Onarga, Ill.

Pansies. Present lot sold; will have plenty March 1. J. H. Krone, Jr., Ft. Smith, Ark.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Loyal, Linda, Dorothy, Mrs. Robt. Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. Cash with order.
F. H. DeWitt & Co., Wooster, O.

Pelargoniums, 3-in., strong, $5.00 100. Cash.
J. W. Miller, Shiremanstown, Pa.

PEONIES.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies, fine assortment. Write for prices.
F. A. Baller, Bloomington, Ill.

Peonies. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

FLORISTS' PETUNIAS, the best large double white for design work. Always loaded with blooms size of carnations. Rooted cuttings, $1.00 per 100; 2½-in., $2.00.
S. B. Stern & Co., Montgomery, Ala.

Petunias, our unexcelled double giants, named and labeled. All cuttings sent out are well-rooted and healthy: $1.25 100 prepaid; $10.00 1000. Hopkins & Hopkins, Chepachet, R. I.

Double petunia rooted cuttings, selected from Dreer's and other strains, $1.00 per 100.
U. G. Harglerode, Shippensburg, Pa.

Petunias, double, 10 sorts, R. C., 1c; 2-in., 2c. Cash Byer Bros., Chambersburg, Pa.

Giant double petunias, 2½-in., ready for 4-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

Petunias, double fringed, from 2-in. pots, 2½c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

PHLOXES.

HARDY PHLOX.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100, $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

POINSETTIAS.

Poinsettia stumps, $4.00 per 100; small size, $2.00 per 100. Krueger Bros., Toledo, Ohio.

Poinsettias, strong plants, $4.00 per 100; extra plants, $5.00 per 100.
M. D. Reimers, 223 S. 4th, Louisville, Ky.

PRIMULAS.

Primula obconica, grandiflora and gigantea, in all colors, flowers as large as Chinese; full of buds and flowers, 3½-in., $5.00 per 100. Chinese, all colors, Forbesi, giant yellow Kewensis, all in flower for Easter, 3-in., $5.00 per 100. J. Sylvester, Florist, Oconto, Wis.

2500 Primula obconica grandiflora, 3-in., strong plants, full of bud and bloom, fine stock for Easter, $5.00 per 100. Liberal count for cash. Schaefer's Inc., Newburgh, N. Y.

Primula obconica, 2½-in., $2.00 100. Chinensis, 3-in., $4.00; 4-in., $8.00; 5-in., $15.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Primula obconica, all colors, 3-in., $3.00 per 100, 200 for $5.00; 4-in., $5.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primula obconica, in bud and bloom, out of 4-in., $6.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, O.

Primula obconica, mixed, 2-in., 2c; 4-in., in bloom, 8c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

Chinese primulas, in bud and bloom, 4-in., 8c; 3-in., 5c. H. B. Snow, Camden, New York.

Primula obconica, in fine bloom, 15c each.
Mosbæk Greenhouse Co., Onarga, Ill.

Primula obconica, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

PRIVET.

CALIFORNIA PRIVET.

500,000 3-yr. plants, with 12 to 20 branches; have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rate. Cash with order.
JOHN BENNETT, Atlantic Highlands, N. J.

CALIFORNIA PRIVET.

Strong, selected, 3 to 4 ft., $4.00 per 100, $35.00 per 1000; 2½ to 3½ ft., 6 or more branches, strong, $3.00 per 100, $25.00 per 1000; fine 1-yr., 18 to 24 inches, branched, $1.50 per 100, $10.00 per 1000; 12 to 18 inches, good, $1.25 per 100, $8.00 per 1000; 8 to 15 inches, light, $5.00 per 1000. AMOOR RIVER, 2 to 5 ft., well branched, $3.00 per 100. All packed free of charge.
CHAS. BLACK, HIGHTSTOWN, N. J.

California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.50 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000; 30 to 36 in., 6 to 10 bran., $22.50 1000. Amoor River, 12 to 18 in., well bran., $12.50 1000; 18 to 24 in., well bran., $15.00 1000; 24 to 30 in., heavy, $20.00 1000; 30 to 36 in., heavy, $25.00 1000. Packed. Cash with order.
Valdesian Nurseries, Bostic, N. C.

California privet, 50,000 20 to 30, 18 to 24 and 15 to 18 in. 5000 Ampelopsis Veitchii, strong field stock, 18 to 24 live tops. Write
Benj. Connell, Merchantville, N. J.

California privet, 2-yr., heavy, 18 to 24 in., $16.00 per 1000; 2½ to 3 ft., $25.00 per 1000; packed. Furrow & Co., Guthrie, Okla.

California privet, 12 to 18 inches, branched, $10.00 per 1000; larger sizes at low rates.
E. Y. Teas, Centerville, Ind.

1500 Amoor privet, 3 to 4 ft., fine, $2.00 100; $18.00 1000. Jesse T. Ellis, Griffin, Ga.

RHODODENDRONS.

Rhododendrons, 18-in. plants, with 8 to 12 buds, $9.00 per doz.; 24-in. plants, with 12 to 15 buds, $12.00 per doz.
Storrs & Harrison Co., Painesville, Ohio.

ROOTED CUTTINGS.

Rooted cuttings. Carnation Boston Market; Chrysanthemums Golden Glow, Estelle, Pacific Supreme, Enguehard, Desjouis; Geraniums Nutt, Ricard, Perkins, Buchner; hardy pinks; all $1.00 per 100, $10.00 per 1000. List.
Edward Wallis, Atco, N. J.

Rooted cuttings. Fuchsia, $1.00; Salvia Bonfire, 80c; heliotrope, dark, 75c; coleus, 60c; vinca, 85c; ageratum, 50c; alternantheras, red, yellow, 50c. All per 100. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Rooted cuttings, per 100; Cupheas, 75c; ageratums, 3 kinds, 60c; heliotropes, Feverfew Gem, $1.00. Cash. Byer Bros., Chambersburg, Pa.

ROSES.

Well rooted 2 and 3-eye cuttings of Bride, Maid and Golden Gate, $1.50 per 100. Good 2-yr.-old bench Beauties, $7.00 per 100.
Gullett & Sons, Lincoln, Ill.

The last of Ellis' fine, field-grown roses, 2 years in the field. 50 Mrs. J. Laing, 35 J. Hopper, 26 M. Charta, 16 A. Diesbach, 7 La Reine, 24 Rohan, 25 Rothschild, 12 Mme. Masson, 125 Brunner, 48 M. Dickson, 300 P. Neyron, 70 Prince of Naples, 20 Her Majesty. Above were 4 to 6 ft., have been cut to 18 in., several branches; except P. Naples, dwarf, 12 to 18 in. 55 Triomphe de Pierre, 5 J. B. M. Camm, 45 White La France, 25 Pres. Carnot, 20 Soupert, 7 R. Graveraux, about 18 in., well branched. Climbers: 350 Cl. Testout, 120 Cl. Gainsboro, 85 Cl. Henriette, 50 M. Niel, well branched, 6 to 8 ft., cut back to 4 ft. Well packed, f. o. b. baled or boxed, 10c each or the lot for $100.00; ½ for $50.00. Jesse T. Ellis, Griffin, Ga.

Grafted stock. Killarney, White Killarney, Rhea Reid, Mrs. Jardine, My Maryland, Bride, Maid, Chatenay, etc., $15.00 per 100, $125.00 per 1000.
Own root stock, 2½-in., of all the standard varieties, March delivery. Write for prices.
Chas. H. Totty, Madison, N. J.

GRAFTED ROSES.
White Killarney, Waban strain, $120.00 per 1000; Pink Killarney, Maryland, $100.00 per 1000. From 2½-in. pots, delivery March 15.
Philadelphia Cut Flower Co.,
1517 Sansom St., Philadelphia, Pa.

Roses. Strong and healthy field-grown Kaiserin, $8.00 100, $75.00 1000; My Maryland (new pink), $15.00 100, $135.00 1000. 2-in. Kaiserin, $3.00 100, $25.00 1000.
W. Frank & Sons, Portland, Ind.

We need the room, and offer 250 Kaiserin rose plants, 3 years old, on own roots, well rested plants from bench, at $12.00 100. Cash with order.
The Calvert Floral Co., Lake Forest, Ill.

ROSE PLANTS, 2¼-IN.

Bride	$2.25 100; $20.00 1000
Maid	2.25 100; 20.00 1000
Golden Gate	2.00 100; 20.00 1000

Andrew Peterson, Hoopeston, Ill.

GRAFTED AND OWN ROOT ROSE PLANTS.
SEND FOR PRICES.
W. H. ELLIOTT, BRIGHTON, MASS.

Roses. Bride and Maid rooted cuttings, $1.25 per 100; $10.00 per 1000.
Baur Floral Co., Erie, Pa.

500,000 ready. See display adv.
Leedle Co., Expert Rose Growers, Springfield, O.

RUBBERS.

Rubbers, fine plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

Ficus elastica, 20 to 24 in., extra fine, $3.50 per doz. Wagner Park Conservatories, Sidney, O.

SALVIAS.

Salvia rooted cuttings, Bonfire and Spotted Beauty, $1.00 per 100, $8.00 per 1000; 2½-in., $2.50 per 100.
Swan Peterson Floral Co., Gibson City, Ill.

Salvia Zurich and Bonfire, 2¼-in., 2c; 3-in., 4c. Extra good strong stock. Cash.
Aurora Greenhouse Co., Aurora, Ill.

Salvia Zurich, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, Ohio.

Salvia Bonfire R. C., 80c 100; $7.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Salvias, named varieties, 2¼-in., $2.50 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

SEEDS.

FLORISTS' FLOWER SEEDS.

	Pkt., ab't 1000 seeds.	Oz.
ASTER—		
Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1.00
American Beauty	.25	2.00
Snowdrift	.25	1.50
PANSY—		
Currie's International Mixture, ⅛ oz., $1.25	.50	8.00
Giant Florists' Mixture, ⅛ oz., 60c.	.35	4.00
VERBENA—		
Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
STOCKS—		
Largest flowering dwarf double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
Cut and Come Again, white, mixed.	.25	2.50

Send for 1910 catalogue and trade price list.
CURRIE BROS. CO., MILWAUKEE, WIS.

Native tree, shrub and plant seeds collected to order. Send for list, now ready.
L. E. Williams, Lock Box 342, Exeter, N. H.

Aster seed. Famous aster, Lady Roosevelt, gorgeous pink, late branching, stems from 20 to 40 inches, scientifically grown and separated seed, oz., $5.00; half oz., $3.00; trial packet, 50c. Aster seed in mixture, best colors, and ¼ Roosevelt, oz., $1.00. Glen Mawr Seed Farms, Kinzers, Lancaster Co., Pa.

ASPARAGUS PLUMOSUS NANUS SEED.
$4.00 1000; $3.50 1000 in lots of 10,000.
ASPARAGUS SPRENGERI SEED.
$1.00 per 1000.
S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

Seed packets and bags. Catalogue, clasps and commercial envelopes, printed or plain. "If it's a Spangler bag, it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

DELPHINIUM SEED, named sorts, 2-in. flowers, nothing finer in the world, 85c oz.; mixed, 50c oz., $5.25 lb.; common varieties, 25c oz., $1.85 lb.
Perry's Hardy Plant Farm, Enfield, Midx., Eng.

ASTER SEED.
Not wonderful, but fresh, reliable seed of all the finest florists' varieties. Send for list. Lady Roosevelt, $4.00 per oz.
R. E. Huntington, Painesville, Ohio.

Greenhouse grown Asparagus plumosus nanus seed, ready now. 1000 seeds, $4.00; 5000 seeds, $17.50; 10,000 seeds, $32.50; 25,000 seeds, $75.00.
Ullrich's Greenhouses, Tiffin, O.

Aster seed, an extra fine mixture, $4.00 per lb. For seedsmen and retail florists to present to their customers, there is nothing better.
Altimo Culture Co., Canfield, Ohio.

New crop early flowering single chrysanthemum seed and Gold Medal pentstemons at 25c and $1.00 per package.
Chas. H. Totty, Madison, N. J.

ASTER SEED.
Early Wonder Pink, Mikado White and Lavender Gem, pkt., 2000 seeds, 35c; oz, $1.50.
H. Clemens, Newberg, Ore.

ONION SEED, Ohio Yellow Globe Danver, wholesale and retail; also strawberry plants.
E. L. Carle, Geneva, Ohio.

Seeds. Berberis Thunbergii, 75c lb.; Boston ivy, $1.00 lb.; Rosa rugosa, 75c lb.
F. M. Hadden, 145 Pond St., Providence, R. I.

Aster seed. Semple's, 25c; Hohenzollern, 75c per oz.; Royal Stripe, 25c tr. pkt.
C. A. Musser, Doylestown, O.

New crop Asparagus Sprengeri seed now ready, $4.00 per lb. T. B. Shepherd Co., Ventura, Cal.

SHAMROCKS.

Genuine Irish shamrock, original plant coming from cemetery, Downpatrick, Ireland. 2¼-in., without pots, $4.00 per 100, $35.00 per 1000; with pots, $4.50 per 100, $40.00 per 1000; 250 at 1000 rate. Order early. Terms, cash.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMILAX.

Smilax, strong, 1-yr., with nice tubers, 50c per 100; $4.00 per 1000.
F. A. Baller, Bloomington, Ill.

Smilax, strong 2½-in., cut back, $1.50 per 100; $13.00 per 1000. Cash.
Addems, Morgan & Co., Loda, Ill.

Smilax, 2-in., $1.25 per 100.
Loyd O. Bunch, Fredonia, Kan.

Smilax, 2¼-in., $1.50 per 100.
B. E. Wadsworth, Box 224, Danville, Ill.

STEVIAS.

Well rooted stevia cuttings, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

SWAINSONAS.

Swainsona alba rooted cuttings, $1.00 per 100. Cash. Byer Bros, Chambersburg, Pa.

THYME.

Thymus citriodorus aureus, golden-leaved lemon-scented thyme, 80c doz., $4.00 100.
Wild Plant Improvement Gardens, Santa Ana, Cal.

TRITOMAS.

Tritoma Pfitzerii, red hot poker plant, $6.00 per 100; $50.00 per 1000.
Thomas J. Oberlin, Sinking Spring, Pa.

VEGETABLE PLANTS.

50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto, 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
Chas. Black, Hightstown, N. J.

10,000 Grand Rapids lettuce plants, transplanted, fine and healthy, cool grown, $2.25 per 1000. Night temperature 45 degrees.
W. L. Leeka, Fairmount, Ill.

Comet tomato plants, 2½-in., $2.00 100. Cash.
Stephen Chase, Nashua, N. H.

Fine, stocky, cool grown, transplanted Grand Rapids lettuce plants, 30c per 100; $2.50 per 1000. Stuhldreher Bros., Mansfield, Ohio.

Lettuce plants, from seed bed, 50c per 1000; transplanted plants, $1.00 per 1000. Nice plants.
Thos. Case, Columbus, Kan.

Transplanted G. R. lettuce plants, $2.00 per 1000; from seed bed, $1.00 per 1000.
Elvira Clark, Chelsea, Mich.

Comet tomato plants for forcing, transplanted in flats, $1.50 per 100. Cash.
Lexington Ave. Greenhouses, E. Lansdowne, Pa.

Grand Rapids lettuce plants, large, transplanted plants, $2.00 per 1000.
Whitton & Sons, City & Green Sts., Utica, N. Y.

50,000 Wakefield cabbage plants, ready to transplant, $1.25 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

Comet tomato seed for forcing, 50c oz.
H. M. Sanderson, 111 Lincoln St., Waltham, Mass.

VERBENAS.

REGAL PERFECTION, a new strain of mammoth verbenas, produced by over 20 years of breeding and selection. It contains a much larger variety of the most desirable and brilliant colors than any other strain on the market, and includes many new and novel shades. Awarded a first-class certificate of merit by the Mass. Horticultural Society. The judges in their report say: "A remarkable collection of verbenas, very much in advance of the ordinary seedman's strains." Prices, all varieties mixed, $2.50 per oz.; ¼ oz., 75c; trade packet, 35c.
L. W. Goodell, Pansy Park, Dwight P. O., Mass.

Mammoth verbenas, mixed colors; fine plants, from soil, 50c per 100; $4.00 per 1000.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

Verbena rooted cuttings, mixed, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

VERONICAS.

Veronica subsessilis, blue-jay flower, field-grown, $4.00 100; 3-in. pots, $3.00 100.
S. J. Galloway, Eaton, Ohio.

VINCAS.

Vinca rooted cuttings, 90c per 100, $7.50 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. The 2½-in. are divisions of field clumps, and are strong and vigorous plants. 3-in., $3.50 per 100, $30.00 per 1000; 4-in., $5.00 per 100, $45.00 per 1000. Cash, please. Also see advs. under asparagus and ferns.
Reeser & Youngstrand, Springfield, Ohio.

Vinca var., Sept. field rooted tips, strong plants, most of which have two or more leads, and can be grown into stock for this spring's sales, $1.25 per 100, $10.00 per 1000; from 2½-in. rose pots, 2c; 3-in. standard, 4c.
W. J. Engle, R. R. 8, Dayton, O.

Vinca minor, the hardy vinca for cemetery planting and under trees where grass will not grow. Well rooted layers, $1.50 per 100; $10.00 per 1000. E. Y. Teas, Centerville, Ind.

Field-grown vincas, large plants, for 5 and 6-in. pots, $6.00 per 100. Nothing finer at any price. Cash, please.
Ragan Bros., R. F. D. 3, Springfield, O.

Vinca variegata, well rooted two-eye cuttings, 90c per 100; $8.00 per 1000, prepaid.
G. E. Fink, Roselle, N. J.

Vinca variegata, from 3-in. pots, ready now, $4.00 per 100. Cash.
C. F. Mahan, R. D. No. 8, Dayton, Ohio.

Vinca variegata, strong rooted cuttings, 90c per 100, prepaid.
Fred H. Lemon & Co., Richmond, Ind.

Vinca var., strong, 3½-in., $4.50 per 100; $40.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Vinca variegata, strong 2-in., ready for 3-in., $2.50 per 100. Williams & Clark, Muncie, Ind.

Vinca variegata, R. C., 90c; $8.00 per 1000. Cash. Byer Bros., Chambersburg, Pa.

Vinca var., 2-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

Vinca variegata, 2¼-in., $2.50 per 100.
Mosbaek Greenhouse Co., Onarga, Ill.

2000 Vinca var., two kinds, 2-in., 2c.
Kate Cranz., Ira, Ohio.

VIOLETS.

Violets. Rooted plants of Lady Campbell and Princess of Wales, $1.00 per 100; $9.00 per 1000. Swanley White, $1.20 per 100; $10.00 per 1000. If by mail, add 7c per 100 for postage. A. B. Campbell, Cochranville, Pa.

Marie Louise violet blooms, A No. 1 quality, $1.00 per 100; $7.50 per 1000. Cash with order, please. C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets. Princess of Wales, strong, healthy, sand rooted cuttings, 75c per 100; $6.00 per 1000. Andrew Peterson, Hoopeston, Ill.

Dorset, large, best bloomer. Field plants, 75c 100. F. A. Haenselman, Boulder, Colo.

MISCELLANEOUS.

Rooted cuttings and pot plants for sale cheap. Cuttings are well rooted, taken from good, healthy stock. Paris daises (white), ageratums (blue), German ivy, cupheas, 50c per 100; heliotropes (blue and white), 80c; fuchsias, 5 varieties, 75c.

Mme. Salleroi geraniums, 2-in., $1.50; German ivy, 2-in., $1.50; Salvia Bonfire, 2-in., $2.00; Paris daisies, 2-in., $1.50; cupheas, 2-in., $1.75; Carex japonica, 2-in., $2.00; Speculata begonias, 2-in., $2.00. Adiantums, 3-in., $5.00; fuchsias, 3-in., 5 varieties, $4.00. Ferns, Scottii, 3-in., $5.00; Piersoni, 3-in., $6.00; 4-in., $10.00; 5-in., $15.00. Canna roots, Black Beauty, Robusta, Austria, Italia, 2 to 3 eyes, $1.25. All per 100. Cash with order. W. R. Johnston, Calla, Ohio.

Asparagus Sprengeri, 2c; Marguerite daisies, white, 2c; feverfew, 2c; Stella Gurney ageratums, 2c; McNally achyranthes, 2c; Salleroi, 2c; Asparagus plumosus nanus, 3c; pelargoniums, 8 varieties, 4c; German ivy, 2c. Fine stock, all 2¼-in. Fine shipping point.
Hammerschmidt & Clark, Medina, O.

2-in. geraniums, heliotropes, ageratums, double alyssum, Dreer's petunias, and Salvia splendens, $2.00 per 100, $18.00 per 1000; 4-in. cinerarias, $1.00 per doz. Cash.
Port Allegany Greenhouses, Port Allegany, Pa.

TO EXCHANGE.

To Exchange—Asparagus Sprengeri, 2, 3, and 4-in. pots, $2.00, $5.00 and $10.00 per 100; Begonia incarnata, 3, 4, and 5-in. pots, $6.00, $10.00 and $20.00 per 100, for rooted cuttings of Beacon, Victory, Rose-pink or White Enchantress. Nixon H. Gano, Martinsville, Ind.

To Exchange—Rooted cuttings of new best commercial mums, for rooted cuttings of Enchantress, Lawson, etc., carnations. Write for particulars.
Anderson's Greenhouses, Box 426, Missoula, Mont.

To Exchange—2¼-in. geraniums for rooted cuttings of Enchantress, Rose-pink Enchantress, White Enchantress, Beacon and Victory carnations, or what have you?
Kleinhans Bros., St. Louis, Mich.

To Exchange—Ferns, all the newest varieties, sizes from 2 to 10-in., will exchange for rooted cuttings of salvias, geraniums, double petunias, coleus or anything I can use. First-class stock and low prices. S. J. Hider, Hillsboro, Ohio.

To Exchange—Rooted carnation cuttings of W. Perfection, Enchantress and its sports, Lawson-Enchantress, Afterglow, for rooted cuttings of Beacon carnations; good stock guaranteed.
Carl Baer, Archbold, Ohio.

To Exchange—A No. 1 rooted cuttings of Beacon, Rose-pink Enchantress, White Perfection, Enchantress and Winsor carnations for geraniums and newer varieties of mums.
Warwick Greenhouses, Warwick Neck, R. I.

To Exchange—2-in. smilax for rooted cuttings of Enchantress, White or Lawson-Enchantress carnations. Loyd C. Bunch, Fredonia, Kan.

To Exchange—200 Asparagus Sprengeri, 3½-in., extra strong, for coleus cuttings. Write.
F. M. Kelly, Kokomo, Ind.

To Exchange—Dahlias for standard named gladioli. See list under dahlia classification.
W. K. Fletcher, R. 5, Des Moines, Iowa.

WANTED.

Wanted—Contracts to grow potted plants of tomato, egg plant and peppers, the same transplanted or from seed beds; also verbenas, salvas, double petunias and coleus. Write for prices; stock guaranteed.
G. E. Fink, Roselle, N. J.

Wanted—1000 Yellow Baby pompon chrysanthemum cuttings, unrooted or rooted. State price. H. Schmidt & Co., Oxford, Ohio.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

All sizes of cut flower and floral design boxes. Write for our box catalogues.
C. C. Pollworth Co., Milwaukee, Wis.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

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Write for our special price on a special lot of dagger ferns.
Try our laurel festooning for your decorations, only 5c per yd.; 10 yds. free with first order. Crowl Fern Co., Millington, Mass.

Wild smilax always on hand. Headquarters for this green. Get my prices on large lots.
Wm. Murphy, 311 Main St., Cincinnati, O.

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CYACEINE FLOWER COLORING, yellow, orange, pink, blue, green, American Beauty, 20c per qt., by mail.
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Price list now ready. Extra large and fine crop of fish this season. No fungus; no lice. Our little book, "The Gold Fish Dealer's Guide," tells you how to handle fish, prevent and cure diseases; free to customers.
Glen Mary Fish Farm,
Chas. Pommert, Prop., Amelia, O.
Largest gold fish hatchery in the world.

Gold fish, aquarium plants, snails, castles, globes, aquariums, fish food, nets, etc., wholesale. Send for price lists. Large breeding pairs for sale. Franklin Barrett, Breeder, 4815 D St., Philadelphia, Pa.

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Our hose is properly made and guaranteed. Best quality of duck and sheeting used in plies. Good composition. Old contracts enable us to still offer the following low prices. Per 100 ft.:

	3-ply	4-ply	5-ply	6-ply	7-ply
½-in.	$7.80	$8.40	$ 9.60	$10.80	$12.00
¾-in.	9.00	9.60	10.80	12.00	13.20

Immediate shipment, express or freight, in any quantity. The Crestline Mfg. Co., Crestline, O.

PAPER POTS.

Paper pots, 5,000 3-in., $5.00; 4-in., $7.50. Shipped flat; low freight rates.
P. B. Crosby & Son, Catonsville, Balto., Md.

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I make a specialty of photographing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for the next catalogue or circular. Special work to order at reasonable prices. Nathan R. Graves, 414 Hayward Bldg., Rochester, N. Y.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.,
Lincoln University, Chester Co., Pa.

Standard red flower pots. Buy from the originators and introducers. Prices never higher.
C. C. Pollworth Co., Milwaukee, Wis.

"NUFF SED." Best red pots are made by Geo. E. Feustel, Fairport, Iowa.

Red pots, none better.
Colesburg Pottery Co., Colesburg, Iowa.

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SAMPLES FREE.
Any standard flower cut used free of charge.
1000 letter-heads...$1.60 1000 bill-heads ...$1.25
1000 envelopes ... 1.60 1000 tags 1.25
1000 labels ..... 1.25 1000 cards 1.25
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Special florists' printing, modern styles, lowest prices. Samples for stamp. Prompt service. O. K. Fink, Pottstown, Pa.

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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J.,
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SPHAGNUM MOSS.

Sphagnum moss, best quality, 80c per bale; 10 bales, $7.00. Cash with order.
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Ten bales sphagnum, $7.00.
Z. K. Jewett Co., Sparta, Wis.

TIN FOIL.

Tin foil, 10 lbs., 10c per lb.; 100 lbs., $9.00.
Wm. Schlatter & Son, Springfield, Mass.

TOBACCO.

TOBACCO DUST and STEMS. Dust in bags, 100 lbs., $3.00; stems in bales, 350 to 400 lbs., $2.50. Cash with order. Money back if you say so. Samuel B. Levy, Binghamton, N. Y.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

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Wm. H. Woerner, Wire Worker of the West. Manufacturer of florists' designs only. Second to none. Illustrated catalogues.
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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50 per cent less than manufacturing cost. Our specialty—100 assorted designs, $10.00.
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Headquarters for wire work. Send for list.
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38 and 40 Broadway, Detroit, Mich.

Illustrated book, 250 designs free.
C. C. Pollworth Mfg. Co., Milwaukee, Wis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

SWEET PEAS NOT FLOWERING.

Can you tell me the reason why my sweet peas are not blooming, as I planted them September 15? They are the new varieties called the orchid-flowered sweet peas. I have the following kinds: Countess Spencer, pink; Frank Dolby, lavender; and White Spencer. I planted three or four peas in a hill and they are doing finely, as they are from three to four feet high and have as high as ten runners to a plant, but have no buds. A. L. H.

You made a mistake in planting the varieties you name for winter flowering. They will bloom all right, but you may have to wait some time for them yet. For sowing from January onwards, such sorts as Frank Dolby and the Spencers are all right, but they simply will not flower in winter, when you want them. Had you sown such varieties as Christmas Pink, Snowbird, Mont Blanc, Watchung, or any of the winter flowering sorts, they would now have been giving you plenty of cut flowers. These latter varieties commence to bloom when quite short, and if you will sow them next season at the date named they will give you flowers for Christmas. C. W.

DISCOLORED PLUMOSUS.

I enclose a piece of Asparagus plumosus. What is the matter with it? It seems to have a yellowish color and begins to drop off early in its growth. Are fishworms in the soil injurious and should plumosus be sprayed every morning? M. & J.

Judging from the appearance of the sample foliage received, the soil in which it is growing is probably in a sour condition. This asparagus must have efficient drainage, lacking which the plants will undoubtedly take on a sickly hue and the foliage drop, as yours is doing. You can easily clean out the earthworms by soaking the bed with lime water. Slake one or two pieces of stone lime, add water to the required amount and, after the water has cleared, apply it. Drainage in a poor condition would soon cause the soil to become wormy.

This is not the time to replant asparagus, but I would advise you to lift the plants in May or June and make up a new bed of sod, decayed cow manure and leaves. If you want this to continue bearing a number of years, make the soil eighteen to twenty-four inches deep and place six inches of drainage at the bottom. There is no need to spray plumosus daily. Unlike smilax, it is not subject to the same injury from thrips and spider. C. W.

PLAINWELL, MICH.—The Hastings Greenhouse Co. has completed its new greenhouses and is ready for business.

RACINE, WIS.—C. W. Anderson, who at one time was in business at Red Oak, Ia., is opening a retail store, occupying half the room with the leading milliner.

No order too large for us to give you prompt shipment

ESTABLISHED 1862
W. H. ELVERSON POTTERY CO., NEW BRIGHTON, PENNA.
Manufacturers of STANDARD FLOWER POTS

No order too small to receive our careful attention

Mention The Review when you write.

Syracuse Red Pots

We have a large stock of well made and well burned pots on hand for the trade of 1910.
Prompt shipments guaranteed.
Our terms are as good as the best.
Catalogue for 1910 on application.

Syracuse Pottery Co.
SYRACUSE, N. Y.

Mention The Review when you write.

MILWAUKEE.

The Market.

Last week, with its bright days and cold nights, was an ideal one for growing, and in consequence the receipts were increased a great deal over the week previous. Especially was this the case with roses, bulbous stock and the various types of lilies. Of late these have been just about equal to demand. In spite of the heavy receipts all the week, business was brisk enough the latter part of the week to make a good average and keep everyone contented. Violets, which are extensively used on Valentine's day, did not fare as well as usual this season, especially those that came on Monday. On Saturday all violets were cleaned up by shipping orders, but the local buyers, who buy as they need, did not have the heavy call anticipated; hence there were some left over. Quite a few red carnations were also sold for the occasion.

Various Notes.

The Olympia is the name under which Peter Nohos and Louis Mannas will open a flower and candy store combined, in the new building at Twelfth and Walnut streets, February 19. Mr. Nohos has been with James Chacona for some years and is well acquainted with the boys, while Mr. Mannas has conducted a flower stand in the lobby of the Merrill building. He is no new-comer.

The name of Edwin J. Gregory should have been included in the list of new members who joined the Florists' Club, February 3.

Among the visitors last week were: B. Eschner, with M. Rice & Co., of Philadelphia, and William Nero, of Cedarburg, Wis. E. O.

ELMIRA, N. Y.—Robert King, the genial foreman at the United States Cut Flower Co.'s up-to-date plant, is a firm believer in solid beds for roses, with tile drainage. He has both styles, and is able to make good comparisons. His own-root stock looks fine. A propagating house 300 feet long, filled with healthy cuttings, is a sight for sore eyes. O. P. Bassett is highly thought of here as the scarlet carnation, and it will undoubtedly improve next season.

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HEWS STANDARD POTS
POT MAKERS FOR 140 YEARS
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Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
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THE FAMOUS IONIA POTS
STRONGEST, LIGHTEST, MOST POROUS.
Packed in strong, hardwood crates. Plenty of straw.
We solved the breakage problem years ago.
We are ready for that order NOW.
IONIA POTTERY CO., - - IONIA, MICH.

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Before buying write for prices.
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Standard Red Pots

Price list and samples on application.
We carry a complete line of Florists' pots.
Weis & Schmidt Pottery Co.
MILWAUKEE, WIS.

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American Flower and Tree Tub.

No.	Top.	Deep	Price
1	13½	12	$1.00
2	14½	14	1.25
3	16	16	1.50
4	19	18	2.00
5	21	20	3.00
6	25	22	4.00
7	25¾	24	5.50



The American Woodenware Mfg. Co
TOLEDO, OHIO

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RED STANDARD POTS PRICES PER 1000 F. O. B. HARRISON
2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80.
Cash must accompany order.
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Florists' Red Pots
is prepared by passing through a screen 1600 meshes to the square inch. If in a hurry for pots order from us. We can ship over five lines of railroad, by river or interurban. Write for catalogue showing all the articles we make for florists' use.
THE PETERS & REED POTTERY CO.
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RED
Standard Flower Pots
Price list and samples on application.
PADUCAH POTTERY CO., INC.
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Kramer's Pot Hanger
For Sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.
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Is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria, and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequaled for the Generation of Steam and Domestic Purposes.**

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Greenhouse Heating.

A STRIKE of coal miners in the bituminous district of Illinois, Indiana, Ohio and West Virginia is threatened April 1, as the result of the present disagreement between the miners and operators over wage schedules. In anticipation of a strike, the railroads are said to be storing large quantities of fuel, and it is suggested as good policy for every florist to see that his bins are full.

TWO KENTUCKY HOUSES.

Would you please advise me on the piping for a hot water system in two houses, running east and west, each 21x100 feet, five feet to the eaves and eleven feet to the ridge? The houses are connected and the three walls have each thirty-two inches of glass. One house is for roses and carnations and the other for a general line of flowers for the retail trade. The boiler house will be midway of the length of the greenhouses.

M. K.

To heat a house 21x100 feet, with thirty-two inches of glass in one wall, to 60 degrees, which will be required for roses, it will be advisable to put in about 1,000 square feet of radiation. To carry this, it will be necessary to have three 2½-inch flows, one of which should be upon each side wall and the other below the ridge. The remainder of the radiation can be made up of twelve 2-inch returns, of which four can be connected with each flow pipe.

In the carnation house a similar installation could be employed, but it will only be necessary to use nine 2-inch returns, in addition to the three 2½-inch flow pipes.

If more convenient, 3-inch flow and return connections can be made with the boiler from each house, and from the highest part of the flow pipe, which should be immediately above the boiler, a smaller pipe can be carried up higher and connected with the expansion tank. After taking off the 2½-inch flow pipes, they should be carried to the farther end of the house, at a slight fall, where they can be connected with the return coils.

POOR CIRCULATION.

I should like to have your opinion about my heating system, which gives poor circulation. I have three greenhouses. Two of them, each 16x100, run north and south and are used for carnations. Each of these contains two 2-inch flows and eight 2-inch returns. Adjoining the northeast corner of the carnation houses, and running east and west, is a house that is used for mums and sweet peas. This house is 14x100 and contains two 4-inch flows and two 4-inch returns; that is, a flow and return on each side of the house, or four 4-inch pipes in all.

There are two boilers, both at the north end of the carnation houses. One of them is a Weathered No. 5; the other is a Gold's 8-section boiler, made by H. B. Smith and containing a grate 18x36. Can you tell me what is the cause of my trouble? I am located in northeastern New Jersey.

H. J. H.

The four 4-inch pipes in the mum house are hardly sufficient to maintain the temperature needed, especially if there is any glass in the side walls or if there is much wall exposed. Since the circulation may be greatly modified by the height and grading of the pipes, it is probable that the trouble is partly due to something of that kind, although there is nothing in H. J. H.'s description by which it is possible to tell where to look for the difficulty.

As each of the carnation houses contains two 2-inch flows and eight 2-inch returns, each 2-inch flow has to carry nearly 300 square feet of radiation. Better results could be secured by using 2½-inch pipes for the flows. The radiation itself is ample.

REBUILDING TWO HOUSES.

We have two houses, 26x100, three-quarter span and joined at the short span. They are located in Ohio and are heated by hot water. The piping consists of 3-inch feeds and 2-inch returns. The outside wall of the houses is of concrete blocks. Now, we want to move these houses to another location. We want to use the long rafters, which are thirteen feet ten inches long, for a rose house, and the short rafters, which are nine feet nine inches long, for a carnation house. We also want to add twenty-five feet to each house. Would it be better to join the houses together or have them separate? We also want to have glass in the sides. Would the same pipes be used for steam? The houses are new and of the best material.

What would be the best plan for building the rose house? Would the houses be just as light if joined with high gutters as they would be if separate? How high would the gutters have to be? Please give us some information for rebuilding these houses in the best and cheapest way.

R. B. & C.

Both of the methods suggested for arranging the houses have their advantages and disadvantages, but, as it will be rather more convenient to have them built side by side, that plan will generally be preferred. If the gutters are about six feet high and supported by 2-inch gas pipes, the cost for the middle wall would be very slight. The outer walls can be built of boards and matched siding, with paper between, up to the height of three

SMITH, LINEAWEAVER & CO.

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TAYLOR STEAM TRAP CO.
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feet, above which a row of sashes containing 30-inch glass should be placed. If the sashbars are given a pitch of about 30 degrees, it will be found satisfactory.

GLASS BROKEN BY FROST.

I am just now much interested in greenhouse construction and heating. An article in the Heating columns of the REVIEW of December 30, telling where the expansion tank should be placed, explained one of my troubles.

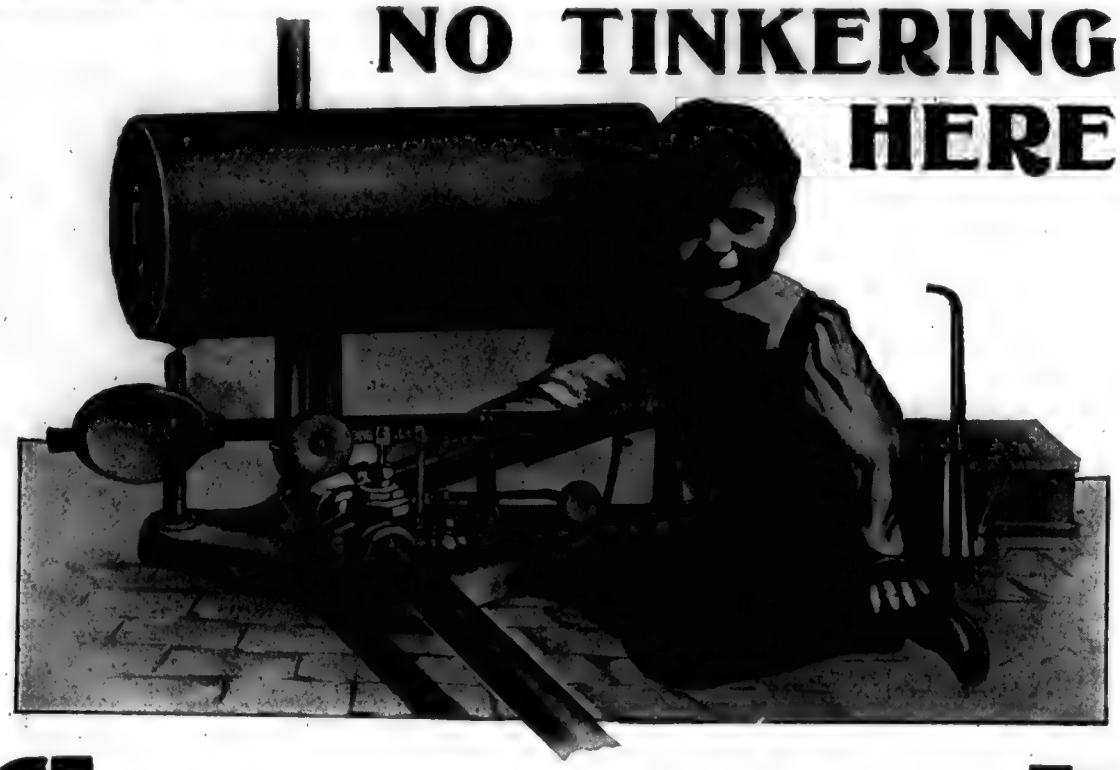
How wide should I make a house with sashbars sixteen feet long? I want to include as much ground room as possible and yet I want the roof steep enough. Last year I had over a dozen panes of glass broken in one house by the frost. The moisture collected in the lap of the glass. When the sun went down, there was a sound like that of firecrackers in every part of the house, and before I could boost the fire sufficiently to counterbalance the withdrawal of the sun's heat a dozen panes of glass were broken. I felt certain that a steeper roof would have been better. B. M. E.

Houses with rafters sixteen feet long are built anywhere from twenty-six to twenty-eight feet in width. A house with a roof at an angle of 30 degrees answers well and it is seldom advisable to make the angle more than 35 degrees.

It is not likely that the slope of the roof had much to do with the breaking of the glass, as the amount of water that will collect between the panes will be about the same at a roof slope of 45 degrees as at one of 25 degrees. Provided the house has wooden sash bars and the glass does not fit so tightly between the bars as to bind, the trouble is most likely caused by too wide laps of the glass. When this does not exceed three-sixteenths of an inch, there will be no trouble from the cracking of the glass by the ice which forms between the edges of the panes. There is no occasion for having the laps wider than this and even one-eighth of an inch will answer if the glass is carefully laid.

PITTSFIELD, MASS. — R. Engelman, whose range formerly contained 13,000 square feet of glass, is now adding three more houses—one, 30x150, for carnations; one, 15x65, for violets, and one, 16x60, for roses.

NO TINKERING HERE



Used and recommended by successful florists everywhere.

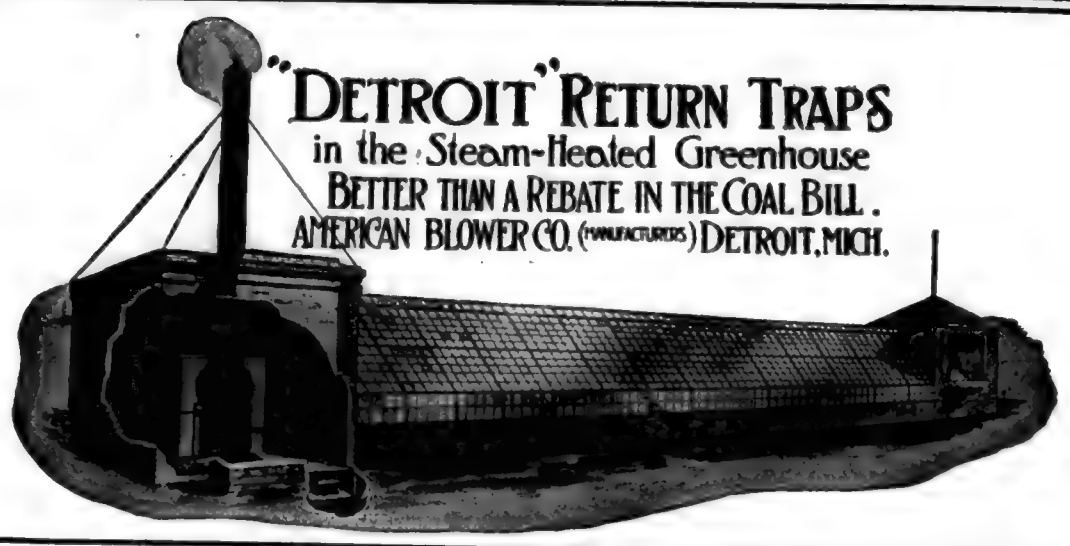
Morehead **STEAM TRAPS**

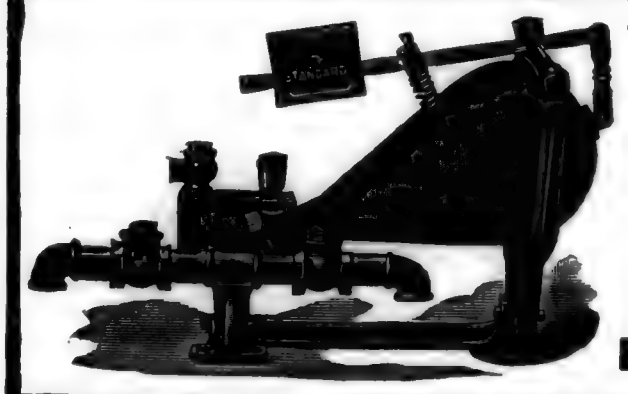
A Morehead Steam Trap is the standard remedy for condensation and steam trap troubles. Just pipe a Morehead Steam Trap in your greenhouse returns—Results: You can sleep in peace; save on fuel and water; grow better stock; have the reputation of being the most successful, up-to-date and satisfied florist in your community.

The very simplicity and efficient design of the Morehead recommends it to the florist—requires practically no attention.

Ask for trial proposition and "Florists' Trap Book."

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The Standard Steam Trap

is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

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Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses
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ST. LOUIS.

The Market.

The cut flower business among the retailers last week was good, considering that Lent is now upon us. There was hardly any social work going on, but from the sales at the wholesale houses to the retailers, business must have been good all over the city. The west end florists say they did well with blooming plants and cut flowers. Monday, February 14, the trade was buying heavily in violets for St. Valentine orders, and it is estimated that over 200,000 California violets were received at the four wholesale houses. The bulk of them, from Kirkwood, averaged $3 per thousand.

Roses are coming in more freely and before another week they will again be plentiful in all varieties. Carnations are a glut and a great many went to waste last week, as the demand is not strong enough to dispose of all that come in, even at cheap prices. All bulbous stock is in plenty, especially callas and Paper Whites. Other stock cleaned up fairly well all week. In greens everything the trade needs can be had.

Club Meeting.

The Florists' Club held its regular monthly meeting Thursday afternoon, February 10, at 2 o'clock, with twenty-five members in attendance and President George B. Windler in the chair. The subject of C. De Wever's paper, on "Advertising Through the Florists' Club," was reported on, which afforded a great discussion by A. S. Halstead, Mr. Young, E. W. Guy, J. F. Ammann, Mr. Sanders and P. J. Fillmore. On motion, three more were added to the committee, Messrs. Young, Guy and Smith, to report at the March meeting, when the matter will have its final hearing and be disposed of. Henry Wentzel and Charles D. Hecht, growers in St. Louis county, were elected to membership. J. A. Peterson, of Cincinnati, O., sent a plant of his new begonia, Gloire de Cincinnati, for exhibition, which was much admired. The chairman appointed a committee to pass on it. They reported that the new begonia, Gloire de Cincinnati, is a grand variety and a great improvement on existing varieties of the same type. They also voted it a certificate of merit from the club. The committee consisted of F. J. Fillmore, C. Bergstermann and G. W. Grossart. E. W. Guy and Fred Ammann extended the members an invitation to attend the annual convention of the Illinois Florists' Association, February 15 and 16, at Champaign-Urbana, Ill., and a number of those present accepted. W. C. Smith gave an interesting talk on "The Troubles of a Wholesaler," and many interesting features were discussed, which greatly interested the growers and retailers. The suburban members present at the meeting were: Fred Ammann, E. W. Guy, G. W. Grossart, A. S. Halstead, Edwin Denker, F. Vennemann, John Connon, H. Wentzel, Ad. Ahner, W. A. Rowe and C. De Wever. These members take great interest in the club meetings and are regular attendants. If our city members would only do the same, what grand meetings the club could hold each month!

The next meeting of the club will take place March 10. A special program is being arranged by the president for this meeting.

Various Notes.

E. H. Riehl, of Alton, Ill., called on the trade last week and attended the Florists' Club meeting Thursday afternoon.

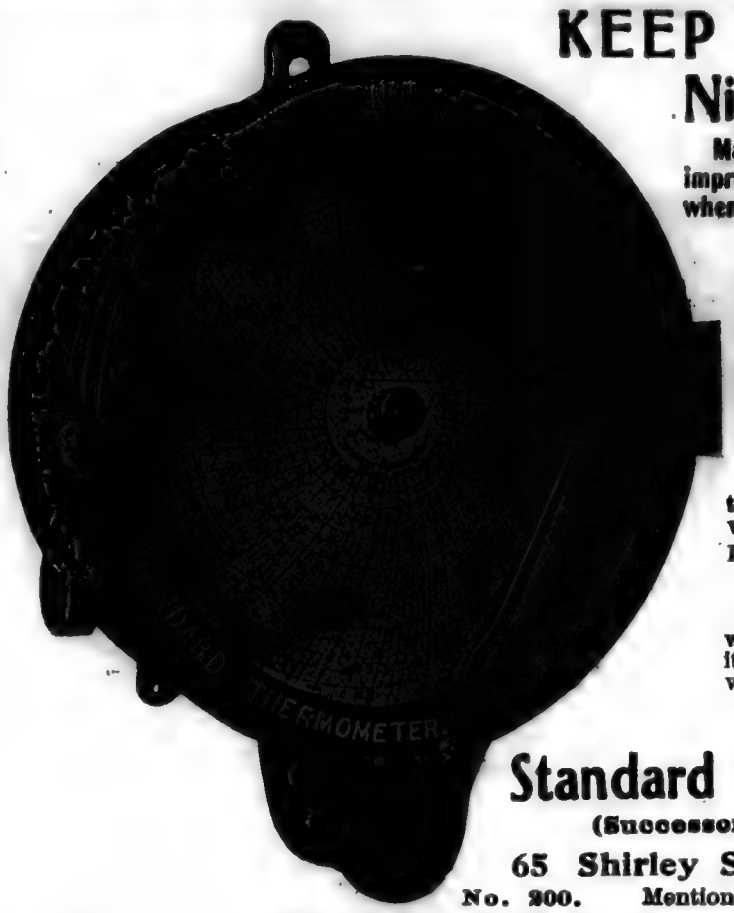
James J. Karins, representing H. Dreer, Philadelphia, and B. Eschner, of M. Rice & Co., Philadelphia, were callers on the trade last week. Both gentlemen reported splendid business, before leaving for other fields.

Prof. William Trelease, director of the Missouri Botanical Garden, has been placed on the committee of six to arrange a plan of work to beautify St. Louis and try to make St. Louis the Paris of America.

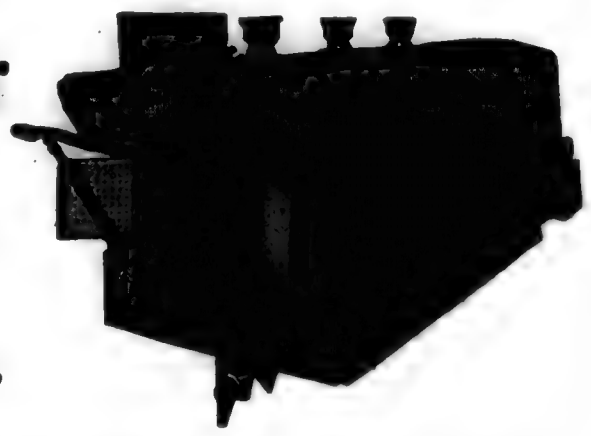
Mr. and Mrs. M. B. Leach, of Taylorville, Ill., spent a few days calling on friends in the trade. They also visited the wholesale district to purchase supplies.

The park department will order between 50,000 and 100,000 California privet plants from various nurseries this year, as the blizzard which struck this city early in January and covered the branches with a coating of ice had ruinous effect on trees, shrubbery and particularly California privets. Many beautiful hedges in the fine residence district have been killed. Close to a million privet plants will be used this year.

Rufus J. Lackland, for the last twenty years president of the board of trustees of the Missouri Botanical Garden, has resigned his office and membership on the board. Mr. Lackland is 90 years old and was a personal friend of the late Henry Shaw. In his resignation Mr. Lackland stated that the infirmities



KEEP TAB ON THE Night Temperature
Many a grower has found an immediate improvement in the quality of his stock when he put in our
IMPROVED
Recording THERMOMETER
It tells in the morning just how the temperature in the houses has varied during the night.
Illinois State Florists' Association.
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The Recording Thermometer is working o. k. I would not part with it for twice the cost. Send me $1.00 worth of charts for the same.
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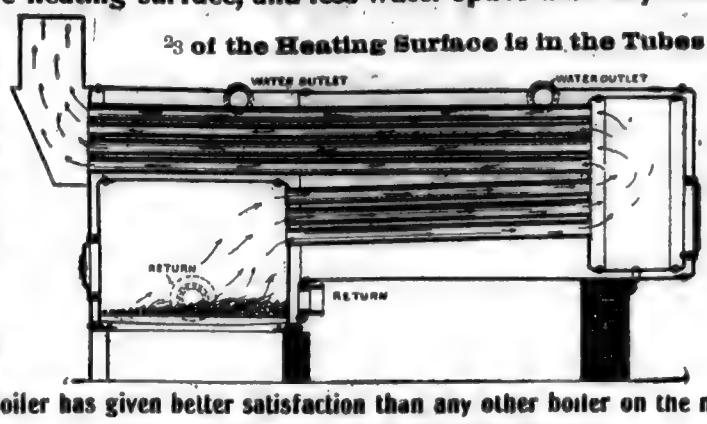
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Return Flue Fire Box Boiler

contains more heating surface, and less water space than any other steel boiler

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FOR GREENHOUSE WORK

ILLINOIS MALLEABLE IRON CO.

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of age begin to weigh heavily upon him and he must yield.

William Bouche, the landscape gardener, has prepared plans for landscape work around the Crematorium Society on Sublett avenue, with a number of sunken gardens. The plans are on the order of the famous crematory gardens in Hamburg, Germany. The plans have been accepted by the board of directors at a cost of $5,000. The work will begin this spring.

Mrs. M. M. Ayers has installed a new lighting system at her Grand Avenue store, which adds greatly to the attractiveness of her fine display of cut stock and plants in the show windows.

The St. Louis Seed Co. has issued a neat catalogue for its patrons, called "Home Garden Necessities."

R. J. Windler, on South Grand avenue, has a pretty window of blooming spring plants, especially fine pot tulips. Mr. Windler is also handling cut orchids regularly.

Frank Gorly, of Grimm & Gorly, is now buyer for that firm in the wholesale district. John Barnard, who is sick and unable to attend to business, will probably resign his position and go west for his health.

The Engelmann Botanical Club held its regular monthly meeting Monday night, February 14, in the botanical laboratory in the Central High School building. E. G. Arzberger, of the Shaw School of Botany, read a paper on "Root Tubercles on a Few Plants and Some Facts Regarding the Fungus Which Causes Them." The publication of a preliminary check list on local flora will be started without delay. H. P. Chandler presided over the meeting, which was well attended. L. P. Jensen, gardener to the Busch estate, is now the club's secretary and treasurer.

J. J. B.

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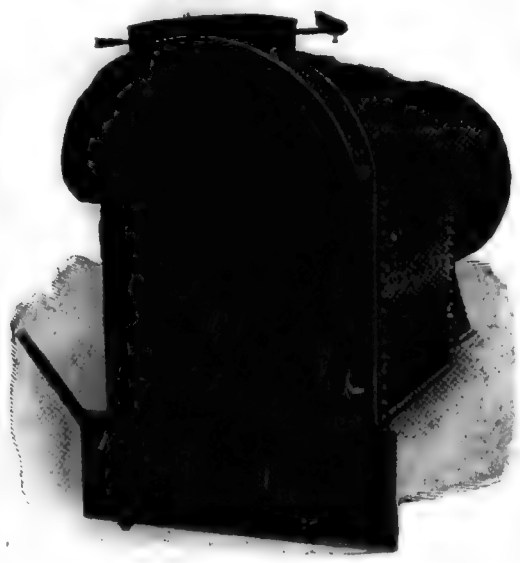
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NEWTON CENTER, MASS.—Mr. Orcutt has purchased of Frank Brooks his greenhouses on Brookside avenue, and will continue the business.

SOUTH ORANGE, N. J.—W. A. Manda has been engaged by the Forest Park Boulevard Association of Fort Wayne, Ind., to go to that city to direct the planting of trees, platting and landscaping of the new Forest Park boulevard. A Fort Wayne paper expresses strong approval of the selection of Mr. Manda for this work, stating that "Mr. Manda has laid out some of the largest gardens and boulevards in the country, especially in the east, and brings to Fort Wayne the experience of years and great study in his line of work."

TUBULAR BOILERS

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The most economical and efficient Boiler for Greenhouse Heating.

Centralize Your Heating Plant

The economy in heating large ranges of glass from a central plant is so great that the first cost is repaid in a few years.

Following are a few plants which we designed and installed:

THOMAS YOUNG, Jr.
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150,000 square feet glass heated by steam from a central plant. The exhaust from pumps is passed through a condenser, which heats two 150-foot propagating houses with hot water.

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150,000 square feet glass heated by steam from a central plant. The steam is passed through condensers and the water is forced through the houses with circulators.

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75,000 square feet glass heated by steam from a central plant.

Estimates and full information furnished without charge.

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STEAM and HOT WATER

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MELROSE, MASS.—F. O. Taylor, the florist who has been in business for some time at 259 West Emerson street, has opened a new store on the same street, in the premises formerly occupied by C. F. Hill's real estate business.

Evergreen Brand Flower Fertilizer

is pure plant food, and is immediately available. It permanently enriches the soil. It prevents the onslaughts of plant disease or insect pests. Can be used at any time during the growing season; dry or in solution.

Put up in 12 pound cans. Price, $2.00. For sale by Leading Jobbers

For further information address

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TEWKSBURY, MASS.

Patten & Co., carnation growers, always have something good to show visitors, their establishment being extremely well kept and everything thoroughly up-to-date. Beacon is favored as a scarlet, and looked extremely well. Winsor and Winona were each a mass of flowers and buds, while Melody carried a big crop. Quite a few Viola Sinclair are grown. In variegated there are a few Bay State, but Variegated Lawson is the variety mostly depended upon. Sara Nicholson, raised here, proves prolific and is preferred to Fenn, which showed a bursting tendency. Hattie Starrett, another of Mr. Patten's seedlings, is a pleasing yellow variegated variety. In whites a few Genevieve are grown. It has a fancy flower, but is not considered sufficiently prolific. Two or three benches are filled with Shasta, a charming, heavily fringed, pure white flower, produced in great profusion. White Perfection and some White Enchantress are also grown. May Day is well liked and looks like one of the coming varieties. Pink Delight is also favored, most of the stock being cut back for propagating purposes. A bench of Cypripedium insigne carried a wealth of flowers. Another, planted with Freesia Purity, also carried a fine lot of spikes. Some of the new Asparagus Crawshawi is grown in beds. It is distinct from plumosus nanus. Bedding geraniums are grown in considerable numbers, and were being potted at the time of our visit.



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DO YOU GET A TOP PRICE MARKET?



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Absolutely the best Sheep Manure on the market. Pure manure and nothing else. The best fertilizer for carnations and for liquid top-dressing. Unequalled for all field use. Write for circulars and prices.

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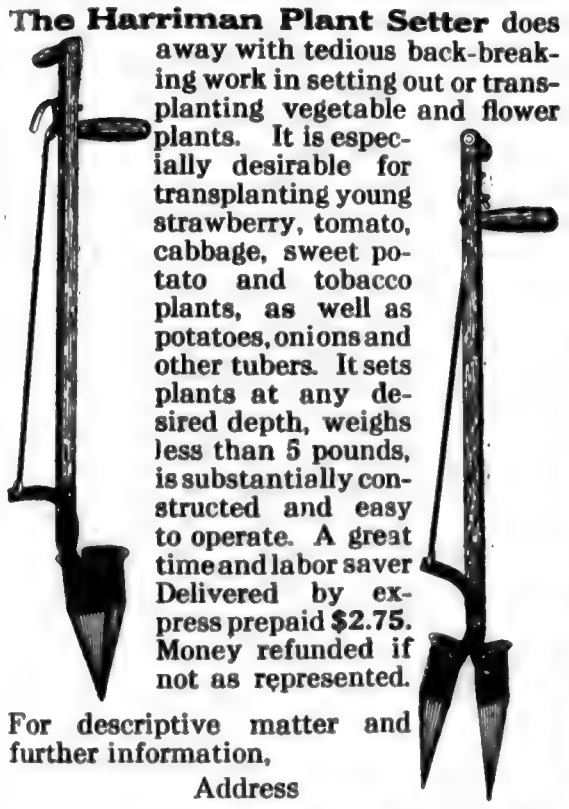
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By far the CHEAPEST.
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The Harriman Plant Setter does away with tedious back-breaking work in setting out or transplanting vegetable and flower plants. It is especially desirable for transplanting young strawberry, tomato, cabbage, sweet potato and tobacco plants, as well as potatoes, onions and other tubers. It sets plants at any desired depth, weighs less than 5 pounds, is substantially constructed and easy to operate. A great time and labor saver Delivered by express prepaid $2.75. Money refunded if not as represented.

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Extract from paper read by John H. Dunlop before a convention of the Canadian Horticultural Association: "Campbell's Sulphur Vaporizer is an English patent and a trifle expensive, but very effective, and eliminates almost all of the danger of ignition. We are using eight of them at present with excellent results."

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THE ORIGINAL NICOTINE
INSECTICIDES
WRITE FOR CIRCULAR & PRICES
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WHITE FLY, SAN JOSE SCALE
and all other insects, parasites, and fungi are killed by

GOOD'S Caustic Potash Whale Oil SOAP No. 3

Protects trees, plants, vegetables, fruits and flowers; enriches the soil. No salt, sulphur, or mineral oils. Endorsed by **U. S. Department of Agriculture.** 50 lbs., $2.50; 100 lbs., $4.50. Larger quantities proportionately less. Booklet free.

JAMES GOOD, Original Maker,
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Peerless Sulphur Blower

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago

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THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine
FOR SPRAYING

FUMIGATING PAPER
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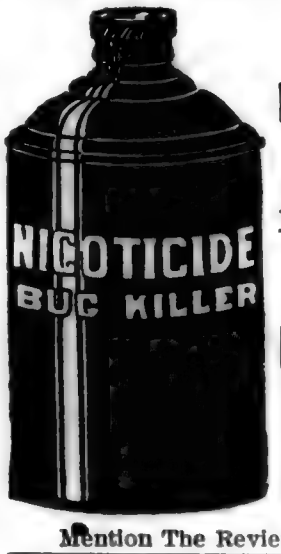
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FOR SLOW BURNING

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You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

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THE BEST Bug Killer and Bloom Saver

Drop us a line and We will prove it

P. R. PALETHORPE CO.
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Green Flies and Black ones too
are easy to kill with
The Fumigating Kind Tobacco Powder
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Satisfaction guaranteed or money back; why try cheap substitutes that makers do not dare to guarantee?

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Original Manufacturers of Corrugated, Continuous Length, Braided Hose

The only manufacturers devoting their entire time and attention to the manufacture of Rubber Hose.



Result:—Better Hose for the money than can be produced by factories spreading their efforts over many lines.

Look for this Brand

MANUFACTURERS OF ELECTRIC GARDEN HOSE

Made in any continuous length—Vulcanized under pressure—Made with seamless braided fabrics—Cannot possibly unwrap or separate between the plies—Great strength and durability—Will not kink. Specially adapted to florists' use. Write for prices.

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CINCINNATI.

The Market.

Trade has been unusually brisk during the last week, owing to an abnormal amount of funeral work. Store men report business as most satisfactory, so far this month, with numerous social affairs and a brisk counter trade. Shipping trade has been excellent and the recent shipments show that stock is not overabundant anywhere in the middle west. As W. Murphy says, "We ship farther this winter than ever before, our orders regularly going to Atlanta, Ga., and as far as Texas."

Roses are still scarce, with prices ranging the same as last week, and there is no prospect of a break until stock arrives in greater quantity. Carnations hold up in prices, at from $2 to $4.

St. Valentine's day was a particularly busy one, with a brisk demand for colored carnations and violets; in fact, more could have been disposed of. Bulbous stock, such as tulips, daffodils and narcissi, are getting more plentiful, with prices averaging $3. Good freesias fetch $4; violets, 50 cents; sweet peas, 50 cents to 75 cents; lily of the valley, $3 to $4, and Harrisii and callas $10 per hundred.

Asparagus plumosus and Sprengeri meet with a steady demand and are in short supply. Smilax and other greens are more plentiful.

Various Notes.

The Cincinnati Florists' Society held its regular monthly meeting February 12, but it was poorly attended, owing no doubt to the disagreeable weather. Only routine business was transacted.

Miss Anna Weiland, of Evanston, Ill., was visiting her sister, Mrs. Peter J. Olinger, last week. H. Schwarz.



100 Gallon Cypress Tank

for storing water, for scalding and salting, and many other purposes. Can furnish with tight cover, making it suitable for spraying, for $3.00 additional. We make all other size Tanks in any shape, for all purposes.

Steel Towers to elevate Tanks, Bells, Wind Mills, also Silos, Pumps and Gasoline Engines.

Goods guaranteed as represented, or money back.

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THE MODERN GARDEN HOSE

FOR LAWNS, GARDENS, GREENHOUSES, STABLES, ETC.

BRAIDED FABRIC, MOULDED CONSTRUCTION, SEAMLESS THROUGHOUT

Made in Continuous Lengths up to 500 feet



Revero Non-kinking



Old Style—Readily Kinks

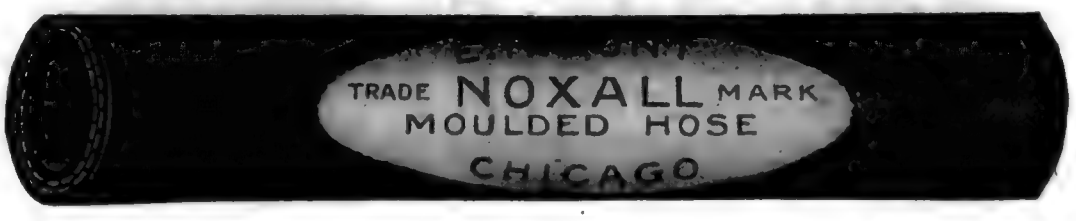
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REVERE RUBBER COMPANY, Boston, Mass.

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NOXALL FLORISTS' HOSE



Furnished in any length up to 500 feet, without seam, joint or connection, ½ and ¾-in. sizes. An exceptionally high grade greenhouse hose, manufactured with a double woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover. The double woven jacket construction makes a stronger hose than can be obtained from cotton duck and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking. Noxall Hose is guaranteed to stand a pressure of 500 lbs. per square inch, although its bursting pressure is far in excess of this. Noxall Hose is made by the latest and most improved methods and its construction is the most important improvement made in the manufacture of rubber hose since Goodyear discovered the process of vulcanizing rubber 75 years ago. No hose made will give equal service for greenhouse use.

SPECIAL NET PRICES:—¾-in., at 17c per ft. in less than 500 ft. lots; 16c per ft. in reel lots of 500 ft. ½-in., at 15½c in less than reel lots; 14½c in reel lots of 500 ft.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO

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Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.75; 50,000....$7.50; Sample free

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HINSDALE, N. H., U. S. A.

Manufacturers of Granite State Lawn and Field Mowers, Capitol Trimmers and Specialties for Garden and Cemetery use.

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A PERFECT GREENHOUSE HOSE



FURNISHED in continuous lengths of 500 feet. An exceptionally high grade hose manufactured with a woven jacket insertion instead of cotton duck, and with specially selected rubber in the inner tube and cover.

The woven jacket construction makes a stronger hose than can be obtained from cotton duck, and absolutely precludes the possibility of cover opening at seam—a common cause of failure of hose made on cotton duck. This construction also gives a more flexible hose and reduces the possibility of kinking.

"Magic" Hose is guaranteed to stand a pressure of 500 pounds per square inch, although its bursting pressure is far in excess of this.

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Use Chambers' Flat Head Carnation Pins

This is absolutely the only mender that will pass split flowers through commission houses as first-class flowers.

"Everything I have mended with your device without a single exception have been classed and sold for No. 1 flowers." G. L. VANBIPER.

Another grower says: "Am sure I have made from $8.00 to $10.00 on every box of your pins I have used in mending my split carnations. never had any split flowers marked as 'seconds' in my returns since using them. There is nothing in the running gear of my place that has established a firmer footing than the Chambers Pin, and nothing that makes me more money."

Every grower of from 1000 to 100,000 plants needs to get for his flowers all there is in it to make his business pay. This mender is well indorsed by all the commission houses in Philadelphia, the heads of whom I have seen personally, and they have all urged me to do all I can to get all the growers to use them. Use the Chambers Flat Head Pin.

Address all communications to

C. P. CHAMBERS, Toughkenamon, Pa

(Local and L. Distance Bell Phone, 34 W. Avondale.)

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Spray Your Roses or Plants With the Kant Klog Sprayer.



YOU WILL BE SATISFIED.

Price each, net

Galvanized	$4.00
Brass body	6.00
3-ft. extension pipes	.35

Immediate shipment in any quantity. We make larger sprayers and spray hose.

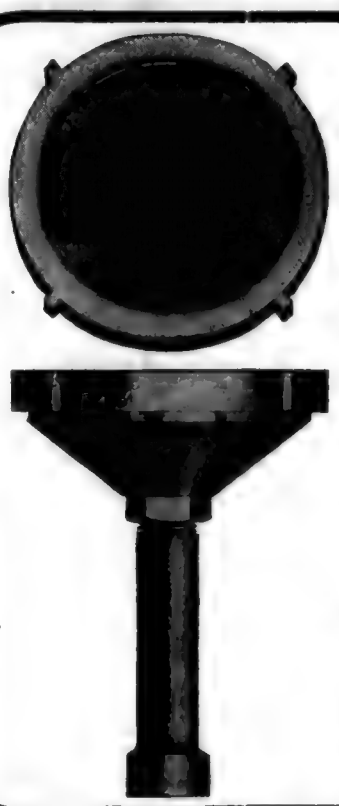
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Florists' Review

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...THE NEW...

Chicago Sprayer

This Sprayer is made of aluminum and with two brass plates, one being fine and the other coarse. They can be easily removed, quickly cleaned and this sprayer will never wear out.

E. H. HUNT, Chicago, Ill.
Dear Sir:—We just want to say that your new "Chicago Sprayer" is the finest thing in that line that has ever come to our notice.
BAUR & SMITH, Indianapolis, Ind.

E. H. HUNT, Chicago, Ill.
Dear Sir:—The "Chicago Sprayer" works admirably on small plants like pansies, and equally well for spraying roses. It has my approval.
W. A. HARSHBARGER.

Sprayer face 4½ inches wide, nozzle 6½ inches long, ¾-inch pipe connection, $2.50 each.

E. H. HUNT, Established 1876

76-78 Wabash Avenue, CHICAGO

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THE MASTIN AUTOMATIC WHITEWASH AND SPRAYING MACHINE IS RELIABLE, PRACTICAL AND DURABLE



The tank is made of galvanized sheet steel, and in brass.
The pump is of brass throughout, simple and powerful.
The mixing device keeps the contents of the tank well stirred up from start to finish.
When the machine is filled to within six inches of the top, a few strokes of the pump will compress enough air in the tank to produce a continuous mist-like spray for 15 minutes.
All parts are made to gauge and may be had for repairs.
Ask your dealer about our **Extension Hose, Extension Rods,** and the **Mastin Whitewash Nozzle** for Bordeaux mixture.

Sold through seedsmen, dealers in florists' and poultry supplies.

J. G. MASTIN & CO., 3124 West Lake St. CHICAGO, ILL.

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COLUMBUS, OHIO.

The Market.

Trade is still heavy, with stock scarce. Roses are rather off crop and there are not near enough to go around. They are rather soft, as weather conditions here have been somewhat unfavorable for cut stock. We have few bright days and this has a tendency to cut all stock short. Carnations are faring better than roses and are in rather good supply, but the demand is so heavy on them that they are cleaned up from day to day. The demand for bulbous stock has been quite heavy, owing to the shortage in other lines. Tulips are coming much better, with longer stems, and find ready sales. Jonquils, narcissi, freesias and valley are also coming in heavily and find a ready sale. Blooming plants are moving nicely. Azaleas, cyclamen and primroses are the mainstay at present. A few pans of tulips, etc., are making their appearance and it reminds us that we are not far from the spring rush.

Trade for Valentine's day was extra heavy, and it is getting to be a second Easter in the way of flowers. This shows how close flowers are clinging to the day of hearts and there is nothing more appropriate for this day than hearts and flowers. Violets were in great demand, as well as a general line of cut stock and, as usual, carnations came in for their usual heavy demand.

Club Meeting.

The Florists' Club did away with its regular meeting Tuesday night, February 8, and entered into an evening of entertainment in the way of music and song and then they enjoyed a nice banquet. After that was disposed of they enjoyed an hour or so in dancing and all went home feeling well repaid for the time spent. It is hoped the club will see fit to repeat the good time in the near future. There were about fifty people present. J. M.

CHAMPAIGN, ILL.—Thomas Franks & Son are building an addition to their greenhouses on South Goodwin avenue. It is said that this addition, which will contain 4,500 square feet, will be used for the culture of two new varieties of roses.

You Need This Paper If You Force Vegetables

The Weekly MARKET GROWERS JOURNAL is the ONLY paper published exclusively for market gardeners and truck farmers. It carries a special department devoted to the greenhouse forcing of vegetables and is the official organ of the Greenhouse Vegetable Growers' and Market Gardeners' Association of America. Recognized by Department of Agriculture and Experiment Station officials as authority on vegetable forcing.

What Eugene Davis Says

Eugene Davis, of Grand Rapids, Mich., originator of Grand Rapids Lettuce and Davis' Perfect Cucumber, writes:

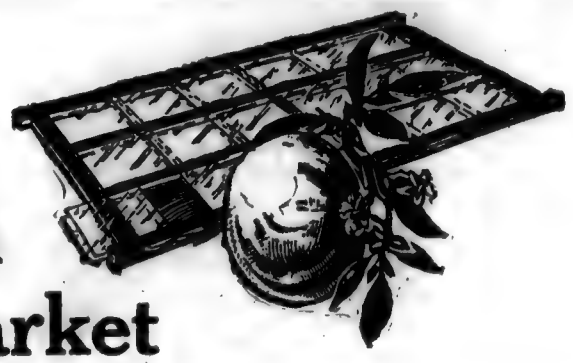
"The articles on Growing Lettuce by Mr. Waid and Growing Cucumbers by 'Grower' are worth ten years' subscription to a beginner."

Subscription price, $1.00 a year, 52 issues. Send us $1.00 today. If you are not satisfied at the end of the year we will refund your money. Address

Market Growers Journal
530 Walker Bldg., Louisville, Ky.

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Get the Benefit of Big Prices in the early market



The secret of success in market gardening is earliness. The Sunlight Double Glass Sash makes it easy to have the earliest and **best** plants. They will be ready as soon as the field is ready to receive them. The resulting crops will get the top-notch prices.

Sunlight Double Glass Sash lets in all the light all the time. Mats and boards for covering are no longer needed saving expense and labor.

Throughout the entire day the plants get benefit of the stimulating sunlight and earlier, better crops result.

The two layers of glass do the work. A 5/8-inch cushion of dry air between acts as a transparent blanket over the plants and protects them even in zero weather.

SUNLIGHT Double Glass Sash
for Hot-beds and Cold-frames

Agents Wanted. The wonderful success of Sunlight Double Glass Sash makes it one of the best agency propositions open to enterprising men.

Write today for information.

Get our new catalog on hot-bed sash. Prepaid freight offer. Safe delivery Guaranteed.

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948 E. Broadway, Louisville, Kentucky

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Concrete Steel Benches

After three years' experimenting and putting to actual test, we are prepared to book your orders for our Steel Forms, by which means you can erect the neatest, most durable bench known to the grower today. Many perfectly pleased and satisfied customers on our books.

We invite correspondence.

Wilson-Hoyt Co., 1 Madison Avenue, New York

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Cane Stakes

For Your Lilies

6 to 8 ft., $7.00 per 1000

WM. ELLIOTT & SONS
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Galvanized Wire Rose Stakes and Tying Wire
IGOE BROTHERS
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
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LARGEST JOBBERS
GREENHOUSE GLASS
IN THE WORLD

Superior quality and lowest prices. Before buying, send us your inquiry.

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Greenhouse Glass

Imported and Domestic
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Special prices on orders placed 60 to 90 days in advance of requirements.

It will pay you to communicate with us before buying.

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The mistake of your life if you don't buy

GREENHOUSE GLASS

Prices are very low and **"Hooker Quality"** is famous with the best greenhouse trade.

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H. M. HOOKER CO.
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GLASS FOR GREENHOUSES

16x24 double, B quality, natural gas tank hand made, in any quantity.

Write for prices.

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GREENHOUSE WHITE

Will not chalk, scale or peel. Not affected by dampness, mildew or moisture. A clear, strong white.

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Window Glass, Paint, White Lead, Putty, Etc.

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We have the largest stock in the West.
HIGH QUALITY LOW PRICES MINIMUM BREAKAGE

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Superior Quality **Low Prices** **Quick Delivery**

Greenhouse Glass

Write us for prices.

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A. & C. Pearson, Lowdham, Nottingham, Eng.

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THE FLORISTS' HAIL ASSOCIATION

Has paid $116,000.00 for glass broken during the last 21 years. For particulars concerning Hail Insurance, address
John G. Esler, Sec'y, Saddle River, N. J.

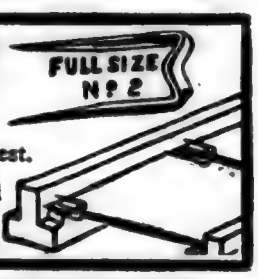
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GLAZING POINTS are Positively the Best. Last Forever. Over 50,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, 5/8 and 7/8, 40c per lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade. **Randolph & McClements,** Successors to Chas. T. Siebert, **Baum and Beatty Sts., Pittsburg, Pa.**

Holds Glass Firmly
SEE THE POINTS
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cts. postpaid
HENRY A. DREER
714 Chestnut St., Phila., Pa.



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MINNEAPOLIS.

The Market.

Trade was brisk last week and stock is good, though there is still a shortage on roses, especially white roses. The market is flooded with bulbous stock, which is all good. There is a fine prospect for Easter if the sunny weather continues, and a trip through the greenhouses is a satisfying sight to the prospective buyer.

Various Notes.

The florists' second annual ball, held at the Arc Lodge auditorium February 7, was a decided success from a social and financial standpoint. Everyone was there with his wife or sweetheart, and, with good music, an excellent floor and good spirits, an enjoyable evening was spent.

The Minneapolis Floral Co. is cutting some fine double and single daffodils, also some good Harrisii. The greenhouses are laden with fine plants for Easter and stock in general is excellent.

O. H. Carlson is cutting some fancy Richmond and Killarney at present and had a fine lot of Princess of Wales violets for Valentine's day. M. E. M.

LETHBRIDGE, CAN.—J. E. Terrill, formerly connected with Alfred M. Terrill & Co., of Calgary, has organized a business here, which is conducted under the name of the Terrill Floral Co. and is located at the corner of Ashmead and Dufferin streets.

NEWTONVILLE, MASS.—Frank Amidon's property at 41 Brooks avenue, valued at $7,000 and consisting of a residence, several greenhouses and 6,500 square feet of land, has been sold to Clementine Webster, of Lyndonville, Vt. The florists' business of Mr. Amidon will be carried on by F. Y. Orcutt.

WILKES-BARRE, PA.—G. Baumann, whose greenhouses and stock, on South Grant street, were damaged a year or two ago by some slate roofing which was blown from a neighboring building, sued the owner of the building for the amount of the loss and the case was not called in court until February 3. It is stated that the building in question was so negligently constructed as to make its owner responsible for the disaster. The case attracted much attention.



Mention The Review when you write.

SEE THAT LEDGE.
Pat. Sept. 18, 1900
THE JENNINGS IMPROVED IRON GUTTER.
Use Our



Patent Iron Bench Fittings and Roof Supports

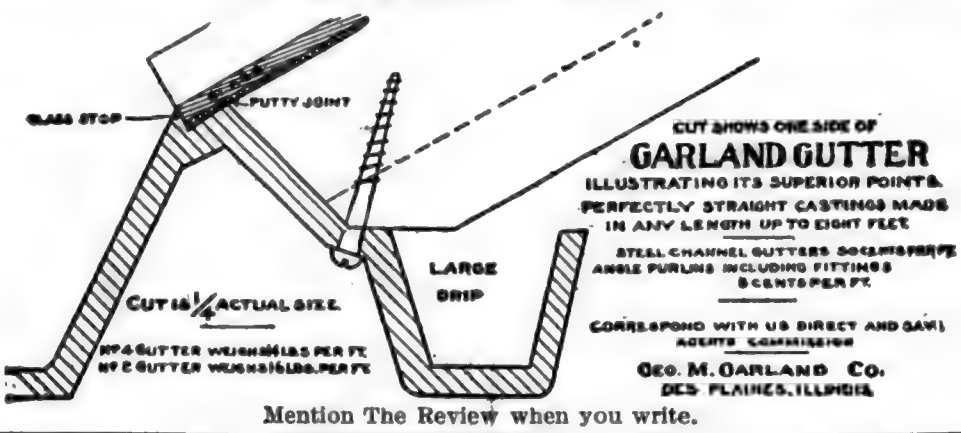
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Improved Vaporizing Pans for Tobacco Extracts, Etc.

Send for Circulars.

DILLER, CASKEY & KEEN, S. W. Cor. 6th and Berks Sts. PHILADELPHIA, PA.

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Dibert, Stark & Brown Cypress Co.

DONNER, LA.

Manufacturers LOUISIANA CYPRESS LUMBER Lath and Shingles

Write us when you are in the market. Mention name of your dealer. Pecky Cypress a Specialty

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PILLSBURY'S CARNATION STAPLE

The best, cheapest, quickest, simplest and easiest way to fix your split carnations. No tools required.

"Just the thing we have been looking for."
Ten Eyck & Son.

"The best thing out, have thrown all other Carnation menders away." S. W. Carey.



2000 for $1.00, postpaid. Sample Free

I. L. PILLSBURY, Florist, GALESBURG, ILL.

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TIME IS MONEY Save ¾ the time greening your designs by using Florists' Greening Pins. 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 15c per lb. Write for prices on larger quantities.
Wm. Schlatter & Son, Springfield, Mass.

Mention The Review when you write.

Florists' Refrigerators

Write us for catalogue and prices, stating size you require, and for what kind of cut flowers you wish to use the refrigerator; also state whether you want it for display or only for storage.

McCray Refrigerator Co. 801 Mill Street, KENDALLVILLE, IND.

Mention The Review when you write.

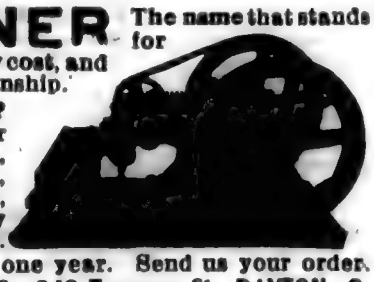
WISE WORDS



The above picture shows one of the greenhouses of the University of Illinois, furnished by the Foley Manufacturing Co., Chicago, about which greenhouse Professor Craig, of Cornell University, the great Agricultural College in the east, made the statement on the occasion of his visit to the University of Illinois, on an inspection tour of the greenhouses: "You certainly got more for your money than we got when we built our greenhouses," and what the learned professor says, the wise florist and vegetable grower have been saying for years.

If you want full value for your dollars, see **FOLEY** who has for sale everything necessary to build greenhouses.

STEINER The name that stands for big power at low cost, and perfect workmanship.



How is this? A 2½-H. P. air cooled engine, set on skids, wired and piped, complete, ready to run for $61.60. Guaranteed for one year. Send us your order.
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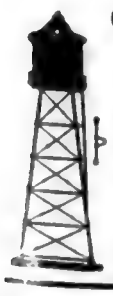


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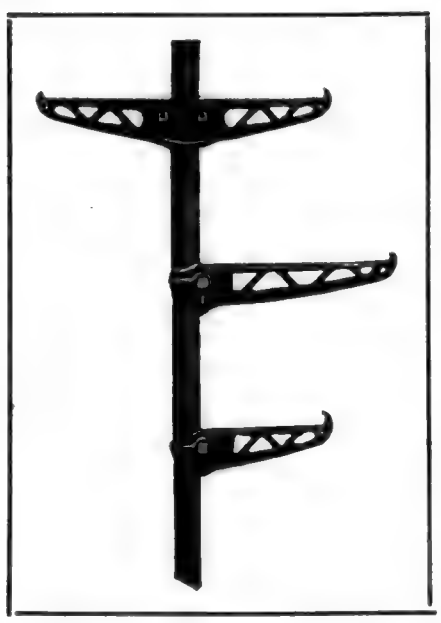
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XXV. CHICAGO AND NEW YORK, FEBRUARY 24, 1910. No. 639.

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Cactus flowered.	.25	
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Ageratum, Dwarf blue	$0.10	$0.25
Alyssum, Little Gem	.10	.30
Candytuft, Empress	.05	.15
Cobaea Scandens, purple	.10	.30
Centaurea gymnocarpa	.10	.30
Lobelia Speciosa	.10	.50
Bedding Queen	.15	1.25
Salvia Splendens	.15	1.00
Vinca, mixed	.10	.50
Verbena, Mammoth	.15	1.00

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Stems 36 inches	4.00
Stems 30 inches	3.00
Stems 24 inches	2.50
Stems 20 inches	2.00
Stems 16 inches	1.50
Stems 12 inches	1.00
Short stems	.75
	Per 100
Killarney	$5.00 to $10.00
Richmond	4.00 to 10.00
Maid	4.00 to 8.00
Bride	4.00 to 8.00
Mrs. Field	4.00 to 10.00
My Maryland	4.00 to 10.00
CARNATIONS	
Common	1.50 to 2.00
Fancy	3.00
MISCELLANEOUS STOCK	
Violets, double	.50 to .75
" single	.50 to .75
Sweet Peas, fancy	1.00 to 1.50
Jonquils	3.00
Daffodils	3.00
Tulips	3.00 to 4.00
Valley	3.00 to 4.00
Easter Lilies, doz.,	$1.50 to $2.00
Callas "	1.50 to 2.00
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
Mignonette	4.00 to 6.00
GREENS	
Asparagus Plumosus, per string	.60 to .75
" " " bunch	.35 to .50
" Sprengeri....per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Smilax....per doz.,	$2.00 15.00
Ferns....per 1000,	2.00 .25
Galax "	1.00 .15
Leucothoe	.75
Mexican Ivy....per 1000, $9.00; per 100,	$1.00

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Rooted Cuttings
Per 100, $6.00
Per 1000, $50.00

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IT has been the leading Red Carnation in this market, bringing the highest price of any and selling the best. It has paid us more money per square foot of bench than any other variety. The flowers are 3 1-2 inches in diameter, a deep, brilliant red and borne on long, stiff stems. Winner of first prize everywhere.

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WINNERS Read Their Record

PITTSBURG, JANUARY 26th, 1910

S. A. F. Silver Medal for best vase of 50 not yet disseminated—MRS. C. W. WARD.
S. A. F. Bronze Medal for second best vase of 50 not yet disseminated—ALMA WARD.
Best 100 light pink—MRS. C. W. WARD.
Best 100 white—ALMA WARD.
Special Sweepstake Prize for best vase of any color—ALMA WARD.

FORMER AWARDS

MRS. C. W. WARD

Society of American Florists, Silver Medal, Boston, 1906; The Craig Cup for Best Seedling, Philadelphia, 1906; The Lawson Bronze Medal, Washington, 1908; The Horticultural Society of N. Y., Silver Medal, Sweepstake prize for best 100 blooms, New York, 1909; The Horticultural Society of N. Y. Diploma, for best new variety, New York, 1909.

MRS. C. W. WARD

MRS. C. W. WARD is a perfectly formed flower, with full center; color deep pink, several shades lighter than Lawson, deeper than Winsor; having strong, erect stems, 24 to 36 inches in length. A vigorous, healthy grower and has never shown disease of any kind.

A very early and free bloomer, producing fine flowers as early as September 1st, which bring from 25 to 50 per cent more than any other variety on the market.

Price rooted cuttings: $2.00 per 12; $12.00 per 100; $100.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

IMMEDIATE DELIVERY.

ALMA WARD

The Lawson Silver Medal, Toronto, 1907 (No Gold Medal having been awarded); The Lawson Gold Medal, Washington, 1908; The Society of American Florists Silver Medal, Washington, 1908.

ALMA WARD

This beautiful Carnation is pure white except during dark weather, when it shows delicate splashings of pink similar to the Cattleya Orchid, increasing its popularity.

ALMA WARD is the largest and most fragrant Carnation ever grown, producing perfect flowers 3½ to 4½ inches in diameter, on strong, erect stems, 36 to 42 inches in length.

Price rooted cuttings: $3.00 per 12; $5.00 per 25; $9.00 per 50; $15.00 per 100; $35.00 per 250; $65.00 per 500; $120.00 per 1000.

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INVITATION. We extend a cordial invitation to all those interested to visit our establishment, where they will have an opportunity to see these varieties growing and to compare their good points with other standard varieties grown under the same conditions.

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THE RETAIL FLORIST.....

TRIALS OF A COUNTRY FLORIST.

I was just reading the item "Trials of a Country Florist" in the REVIEW of February 16, in which A. E. N. tells of selling only sixty carnations at a nickel apiece as a result of considerable effort, and of the numerous calls for two-dollar designs. I wonder if there are any of us country florists who have not been up against the same kind of experiences many a time.

I have been a country town florist for the last thirteen years and I want to tell you, A. E. N., that you are probably a long way farther up the ladder than you think. The fact that you sold but sixty carnations at a reduced price after advertising them does not signify either a success or failure. It simply shows that you did not strike the trade from the right angle. The next time you want to start something out of the ordinary, try it in a different way. For instance, next Carnation day, don't offer "an unlimited supply of carnations" at a reduced price. You have found out that does not seem to appeal to them. Advertise through your local papers (I am a firm believer in this method of advertising) that owing to the enormous demand for carnations on that day, it would be well for those desiring them to place their orders at their earliest convenience.

I have gone through about all the ups and downs that a florist in a small way could, and have worked 2,200 feet of miserably constructed glass up to 28,000 feet built as it should be, and increased a capital of $500 to better than $30,000, and did it on the ashes of two men's failures, so I think that anything I suggest may be considered as practical and not theoretical advice.

One thing you want to remember is this: Don't take things to heart, but look at the sunny side. Sell them two-dollar wreaths if they demand them, and do it as though you liked to. Suggest politely that they could get something very much nicer for just a little more money and tell them why. They may take the two-dollar one, but they will think it over and perhaps next time they will pay $3. When they do get up, it's your place to keep them there. We make lots of two-dollar wreaths during the spring, summer and fall months, and find it profitable and we put good stock in them, too. We make crosses and anchors at that price, too. We did refuse to make a gates ajar for $3 once, as we get $10 for the smallest, but we got the $3 and pleased the customer. We sell plenty of larger designs, of course, but we find that it is impossible to get the prices here that can be charged in a large city.

We sell carnations at 75 cents and $1 a dozen at holiday seasons when they are selling for double that in the city forty miles away.

Perhaps that looks foolish to the city florist, but lots of fellows are acting foolish for less compensation than we get. Not that I am a believer in cheap flowers, or low prices. Not a bit of it! I get all I can, but I do not try to get any more.

We sell mums for $3 a dozen that we could not buy for that price, wholesale, and we make money on them because we sell all we can produce and everybody is satisfied. We sell a bunch of twenty-five good, fresh violets for a quarter. That's too cheap, you say. Sure, it is. They are worth more. We know it. We ought to get half a dollar. Well, let's see: Out of a



hundred bunches picked we sell a hundred, and that's $25. At a half we would not sell a third of them. Not theory, just fact from experience. The customer who can afford to spend a quarter may not feel like depositing a half in your till, and who is the loser?

Go ahead and sell them two-dollar wreaths, A. E. N., if you can't get any more, and remember that you can buy more coal with the $2 that you get than with the $5 that you don't get.

C. H. G.

LACONIA, N. H.—LeRoy Thomas says that this town has been having a boom in the flower business and that trade is double what it was a year ago.

CEMETERY DELIVERIES.

In a recent REVIEW I noticed a man asking about cemetery deliveries, etc. We usually have a good deal of planting to do on lots, or deliveries to make, so I obtained access to the cemetery records and traced a copy of the general plan of all the plots, and also one of each section, with private lots numbered. I have these pasted in a large book. I also copied the names of the lot-owners, with section and lot numbers, and we now have no difficulty in finding a desired lot. EDWARD BELL.

WHAT WOULD YOU DO?

What would you do if a man entered your place with a box of flowers, bought somewhere else, and asked you to make up said flowers into a funeral piece? I had an experience of this kind a short time ago, and my refusal caused a storm of indignation in some quarters.

J. A. R.

One florist thinks that in such a case it possibly might be the best plan to tell the party that he should apply to the one who sold the flowers to get them made up, but that if this cannot be done the flowers will be made up at the same charge as would be made for the design if the maker-up supplied the stock. Hotels and restaurants regularly are required to cook and serve food supplied by guests, such as fish, game or eggs, and they always charge for serving the price of similar articles on the bill of fare.

THE CREDIT SYSTEM.

Monthly Collections.

We notice in the REVIEW of February 10, page 7, what D. B. says regarding "The Credit System." This is a delicate subject, especially for the retail florist. The more business he does, the more bad bills he will get on his books, do what he may to avoid them. At the same time, it is well to be independent in dealing with those who are slow to pay or who never pay. However, what will do in one locality will not always do in another.

We adopted a system, when we began business ten years ago, of making a personal collection of all unpaid bills on the first day of each month. While we did not always get every dollar due us, we usually got the largest part of it. In this way, too, we became personally acquainted with our customers. They also learned to look for us and have the money ready. Our experience also taught us the important lesson that some of our customers, especially those who paid most promptly, bought more flowers under this system than if they had been obliged to come to the greenhouses and pay the cash.

Of course, we realize that it is not always easy for a florist to leave his growing crops and go out for a whole day, but if he can possibly make arrangements to do so, he will be more than repaid in ten years' time, not only in dollars and cents, but in health and disposition. C. P. HAYWARD.

From the Wholesale Viewpoint.

"In the REVIEW of February 10 a subscriber ventured the opinion that the trade's credit system is 'rotten,' and asked to hear from others on the sub-

ject. I fully agree that the system would stand a great deal of improvement," said a wholesale florist. "The correspondent was talking about the retail line only, but might just as well have included the wholesale end of the business. Some of the credits extended by wholesalers are not only ridiculous but work a positive harm to the trade at large. They foster the competition of irresponsible parties, whose activities make it more difficult for the solid, substantial people in the business to maintain themselves. For instance, only a few days ago a buyer came to us and wanted to know if we would not extend him the same credit others do. He showed a December statement from one wholesale house running a little over $2,200. We told him we would look him up, and this is what the commercial agency reported: The man stated to them that he had invested in fixtures in three different towns, a total of $450; in the savings bank, $600; making altogether $1,050. He said he was owing for flowers on monthly account, of $50, making his net worth $1,000. On this ridiculous statement this man is able to get in one house alone $2,200 credit, more than twice as much as he says he is worth. A further feature of the case is that this man is doing a strictly cash business in all three of his stores.

"In no other line of business would anything like this be considered. Other lines give sixty to ninety days' credit, but at the end of that time a good part of the stock, or similar stock, is on hand, and to get $2,200 credit would require at least several thousands of investment for fixtures.

"We feel that we have done our part individually to get the credit system on a business basis, but we find little encouragement. It seems to us that it would be to the interest of everyone to pay more attention to credits; let the wholesalers set an example for others, not only by being more conservative in extending credit, but by making closer collections and paying their own bills promptly."



PACKING FOR SHIPMENT.

Cuttings.

Good packing when shipping cuttings or young plants is just as essential as when shipping cut blooms. Your cuttings may be ever so good when you take them out of the sand, but if they do not reach your customers in good condition, why take the trouble and care to grow good stock?

A good way of packing cuttings in cold weather is as follows: Have your wrapping paper cut into sheets about 10x16. Lay a strip of damp sphagnum in the middle of the sheet, running halfway across from the side nearest you. Each sheet should hold twenty-five cuttings. Roll into a bundle and, when all the cuttings are turned in, fold in the lower end and continue rolling until the end of the sheet is reached, tying securely. The bundle should be rolled firmly, so as not to allow any sand which may have clung to the cuttings to injure the roots.

Line the boxes with several thicknesses of newspaper. Cover the bottom with either excelsior or dry sphagnum. In laying in the bundles begin at one end, laying the root end at the end of the box, and press them firmly, so as to keep them from shifting. Lay the roots of the following row on top of the first row and so on until you reach the end of the box, where, by reversing the bundles, you will be able to utilize the space in your box to better advantage.

When the order is packed and there is still a little space left, fill in with excelsior so as to make the contents firm. All boxes should be watched closely to see that they are packed tightly, for the express companies do not care whether they are plants or canned peaches.

Although the box is lined on the inside, it is necessary to wrap it again on the outside in case of severe weather.

The destination should be written on the box as well as on the tag, for sometimes the tag becomes mutilated before reaching your customer. Every firm should have a tag with name and address, also the instructions necessary in regard to perishable plants.

Young Plants.

When packing young plants, the same rule should be followed. Wrap each plant separately instead of several together, as this will prevent breakage and they can be packed to better advantage. If your shipment has to go only a short distance, use dry sphagnum, but if they are to be shipped several hundred miles and required to be in the box several days, then you had better use a little damp sphagnum, but be sure not to put it near the foliage.

The boxes may be lined the same as for the cuttings, and the plants may be packed the same way. Be sure to pack tightly. There should be no chance for the plants to shove together in case the box is stood on end, as is so often done. It is always better not to use too large a box, for a medium sized box will always carry through better. A good thing to do for proper handling is to put handles on the end, and then the expressmen have no occasion for rolling or dropping them.

Another good way to pack young plants is to place them upright in the bottom of the box. Line the box as before. Press the plants tightly together, and about every fifth row nail in a cleat to hold the plants firmly. Instead of nailing on a solid lid, nail on slats, so that the expressmen will be able to see that the box is not packed solidly. Be sure of handles. This is a good method for mild weather, for you cannot line the box except on the inside.

W. J. Vesey, Jr.

ROSES ON SOLID BEDS.

Can Bride, Bridesmaid and My Maryland roses be grown as profitably in a solid bed as on raised benches? How should the solid bed be made? For the benefit of the small grower who has to buy all of his soil, will you please state how much shredded cattle manure to the yard of soil should be used for rose growing?

A. H.

These roses, with the possible exception of My Maryland, can be grown with equal profit either on solid or table benches. My Maryland, however, has shown a tendency to go to rest in the solid benches.

Solid benches are built on many plans. The most popular ones are made with cement sides, one and one-half inches thick and from ten to twelve inches deep. The bottom of the bench is then filled with rubble to a depth of five inches; on top of that are placed two inches of finer material, such as cinders or gravel, and on top of this the compost.

The compost should consist of four parts of good fibrous loam, taken from the surface of old pasture land, and one part of decomposed cow manure. When this manure has been shredded it is likely to be more concentrated, and should be used more sparingly, or at the rate of one part of manure to five of soil.

A bench prepared in this way and judiciously fed by mulching, top-dressing and liquid feeding, will carry the plants profitably for years.

Ribes.

ROSE PLANTS FROM BENCHES.

In reference to roses from benches, or bench plants, how are they generally regarded by the trade? I notice that some of the best houses sell them, and yet they are often referred to as trash by writers in the trade papers. I cut back a lot of Killarney, My Maryland, Kaiserin and Richmond from benches, planted them in the field last season and had excellent results.

M. G.

Some varieties of roses, such as Kaiserin, Richmond and Killarney, when given proper treatment previous to removing from the bench, make good bedding roses in some localities. Proper treatment consists in preparing the plants by gradually withholding water for a week or two and running the house at a reduced temperature. Then they are pruned judiciously, planted in good, rich soil and given one good watering. Keep the surface always well stirred. To have the best success, these operations should be performed early in the season, in April or May.

Rose growers try to create a market for this class of stock, as it is like finding money when they can dispose of it; otherwise they have to throw it away. When



Cattleya Labiata Grown by W. N. Craig, North Easton, Mass.

referred to as trash, it may be because some parties have failed, by being late in planting, as this class of roses is usually offered for sale as late as July and August. RIBES.

CATTLEYA LABIATA.

Cattleya labiata has been illustrated on a number of previous occasions in the REVIEW. Originally introduced as far back as 1818, it had become scarce, until its re-introduction some twenty years ago in quantity, and it seems hard to imagine what a gap there would be were it now taken from us. It is so free flowering, so vigorous growing and of such comparatively easy growth that no one with a greenhouse need be afraid to essay its culture. Cases of newly imported plants are now offered at such low prices that they are within the reach of everyone. Several years ago we were told that C. labiata would be expensive in a short time, as supplies were being exhausted, but it was never offered cheaper or in larger quantities than in 1909 and the demand continues as great as ever.

One of the illustrations shows a nicely flowered plant of a good type, grown in a 7-inch pot. The other shows a distinct form flowered by A. H. Wingett, the well known superintendent for Charles Lanier, Lenox, Mass., a few months ago. The sepals and petals are pale in color; the lower two, behind the lip, hang down in such a manner as to suggest a single broad petal. These have heavy blotches of bright magenta on their interior parts, in the same way as C. Trianæ Backhousiana. This is one of the most interesting of the many forms of C. labiata I have seen. W. N. C.

ASTERS.

What time should asters be planted in a coldframe to get them in bloom in good season? We are 100 miles north of Boston, near the seashore. Which will give the best results, coldframe or hotbed culture? What is supposed to be the best of the long-stemmed, large flowering asters? I have always used Semple's Branching and bought my seedlings ready to set out. Usually about one-half are Semple's; the other half will give one good flower, and not first-class ones at that, and the rest will get smaller and shorter in stem, until the last are about the size of nickels. I do not know if it is the fault of the seed or the man who grows them for me.

What should be done to the ground, first-class hay ground, to get it in condition to grow seedlings, bulbs, etc., this year? It has never been plowed up. I would like to plant this year on it if possible, but did not have it in time to do anything to it last year. B. M. R.

For an early crop, sow aster seed in a hotbed early in March. Use such varieties as Queen of the Market and Hohenzollern. The first named is reliable. Later sowings can be made in a coldframe or outdoors as late as June. Good late varieties are Semple's, Vick's Branching and Giant Comet. Try the two first named for your trade. It will pay you to raise your own seedlings. Buy seed from a thoroughly reliable dealer; cheap seed is dear at any price. Provided that you have well-manured land, you should average twenty flowers per plant, although we have had as many as forty on Vick's Branching and Queen of the Market.

Your hay land should grow fine asters and bulbs. It would have been better plowed and left rough over winter, but I would recommend plowing as soon as frost leaves the ground. Then give a good coating of barnyard manure and harrow it in well. Later use a smoothing harrow and you will get it in good shape before planting-out time. Be sure to cultivate the ground constantly among asters and all other growing crops. Cultivation is far better than artificial watering. W. C.

THE GODFREY CALLA.

Through the REVIEW we would like to know all about the Godfrey calla. Is it better than the common calla? If so, in what way? Will it produce as much or more per square foot of bench room? How do the blooms compare as to size? When should it be planted and how? What size plants? What soil, light and heat does it want? Is it enough better than the old calla to discard the old for it? We would be pleased to have all the questions answered, and any other information regarding this calla. T. N.

Perhaps some REVIEW readers who have handled it can furnish the needed information.—Ed.



Cattleya Labiata Grown by A. H. Wingett, Lenox, Mass.



FERN FRONDS TURNING BROWN.

I am sending you leaves of my ferns. Can you tell me why the leaves turn brown? They commence at the roots and turn brown all the way down. The plants look healthy. I sometimes think perhaps I water them too much, but the soil is always dry on the top before I water plants. C. H.

Poor drainage, causing soil stagnation, dryness at the root, or a too arid atmosphere, are causes of the fronds dying in this manner. Sometimes, also, if they are much potbound, the same dying off will occur. You cannot prevent some of the older fronds from going off in this manner, but provided your drainage is good the plants can scarcely be overwatered. If much matted with roots, try the effects of some weak liquid manure, or some soot water to tone up the plants. Use this once a week. C. W.

MILLEPEDS IN FERN HOUSE.

I have lately been troubled with millepeds, or thousand-legged worms. They have a hard shell and are about one inch long. I wrote to the state zoölogist, but he could not tell me what to do with them. I sprayed the benches, both above and below, with nicotine solution, but that, of course, only killed them when it came in contact with them. I also used Slug Shot, but with no better result. The pests seem to harbor around the adiantum plants, which we grow on raised benches. I am now thinking of trying tobacco dust and salt. It is not practicable for us to use hydrocyanic acid gas. If you can suggest any remedy, I shall be greatly obliged. E. W.

The best remedy I have tried for millepeds is fumigation with Nico-fume paper, but whether the fumigation will be strong enough to injure the young fronds of the adiantums or not, is an open question. I have used this paper in a fern house in the proportion of twelve sheets of the paper to a house 20x100 feet, without injury to the plants, the house in question being filled with assorted small ferns. W. H. T.

THE SPORE CASES ON FERNS.

Enclosed you will find a frond of maidenhair fern. I notice little brown scales on the edges of the under side of each leaflet. Are these a species of brown scale, or are they little seeds? They are so uniform that they seem to be a natural growth rather than a disease. I got a lot of these ferns from Pennsylvania and am afraid to put them in my fern house until I know what is the matter. If this is a disease, will dipping the foliage in a weak solution of tobacco water once or twice get rid of it? To make this solution, I boiled the leaves of plug tobacco and then diluted the liquid.

I have seen this same scale on native ferns from the woods, but I notice that all the ferns I get from a certain old, reliable wholesale grower are free from it. The maidenhair ferns are in fine condition with the exception of this scale. S. F. C.

There is nothing the matter with the maidenhair frond in question, the brown spots or scales being only the sori, or spore cases. If S. F. C. will carefully lift one of these sori with the point of a knife and then place it under a magnifying glass, the spores or seeds may be readily seen, though those upon the specimen sent are not yet ripe. W. H. Taplin.



PROPAGATING.

It is a good plan to take advantage of the many nice runners now appearing on the double violets and root them in sandy loam, which we prefer to clear sand. Avoid propagating from any which have been affected by spot, or which are of a weakly appearance. Careful selection of stock materially improves violets, as, indeed, it does every other class of plants, and you can greatly improve your plants for another year by rejecting all but the most vigorous stock for propagating purposes. On the singles, runners are also now becoming more abundant. A great many growers wait until their plants are done blooming, then tear the plants to pieces for propagating purposes, and, truth to tell, we have found that this plan gives just as good results as where runners were carefully rooted in sand two months earlier.

MARIE LOUISE VIOLETS.

What is the trouble with our Marie Louise violets? We set them out in solid benches September 10 in a soil composed of the top of an old pasture, with about one-third well rotted cow and horse manure. In the center bed of the same house we grow sweet peas, which are doing well. The average night temperature is 48 degrees. The violets did well at first, but for the last month we have not been able to cut an average of over one bloom to twenty-five plants. The plants seem to be healthy and quite full of buds, but they do not mature. We keep the runners off. We have not fed them, because the plants do not seem to need it, nor are they bothered with insects, so far as we can see. W. C. F. C.

You are growing your violets altogether too warm. The temperature you name, 48 degrees at night, suits sweet peas well, especially when flowering, but it is too high for violets. The best violets, both double and single, we have grown were given a night temperature of 40 degrees, and while doubles will stand a slightly warmer house than singles, we would not care to have it rise over 45 degrees at any time. In soil prepared as yours was, the plants should not yet require any feeding. The fact of their doing poorly is undoubtedly due to too warm treatment. C. W.

DARK DOUBLE VIOLET.

Can you give me information as to the name of the dark double violets, which are now being grown so largely? I have grown Marie Louise, but cannot get the dark color. W. F. S.

Marie Louise is still more largely grown in Poughkeepsie and other violet centers than any other dark double violet. Another fine dark variety is Farquhar, introduced from Boston fifteen to twenty years ago. When well grown, as it is to be seen in the Rhinebeck district, there is no other double violet to compare with Marie Louise. Of the lighter colored varieties, Lady Hume Campbell is the most generally reliable. W. C.

MULCHING GLADIOLI.

I grow gladioli outdoors for the market, and our sandy soil in this part of Michigan gets rather hot during the summer. This was especially so during the last season, when we had but little rain. I planted them far enough apart for cultivation and I cultivated well; yet the spikes did not grow to perfection. For the coming season I have been thinking of planting them about twenty inches between the rows and not cultivating them, but mulching them, instead, with straw or leaves. Do you think the latter method would be all right? How would a small irrigating system do, to sprinkle in the morning over the mulching? W. E.

Regarding the mulching of gladioli, this can be done with good results where the soil is unusually sandy, but if the soil contains considerable loam I would prefer to keep the top of the soil pulverized, which is in itself a mulch. Straw, leaves or litter of any kind may be used and water applied once or twice a week at evening.

In small plantings for cuttings, I would advise that the rows be from eighteen to twenty inches apart, giving just room enough to pass between the rows for cutting. I would not advise application of water to any extent until the spikes begin to show bud. Arthur Cowee.

Beloit, Wis.—John Rindfleisch is ready to begin work in the erection of additions which will cost approximately $6,000. The new buildings will comprise four greenhouses, each 25x100 feet, besides an office, potting room and boiler room, whose combined area will be 20x120 feet.

SEASONABLE SUGGESTIONS

Lily of the Valley.

There is a good call for pots and pans of lily of the valley for Easter, and these, if nicely grown, are among the most attractive plants a retailer can offer. To sell well, it is necessary that the foliage should be ample and of a dark green color; stalks with yellowish leaves attached are not wanted. To secure the best foliage you can start the pips now in full light, in a night temperature of 55 to 60 degrees. In five weeks these will be in flower and, while they will be somewhat dwarfer than the darkened, case-grown plants, will carry beautiful leaves and have a substance practically equal to the outdoor grown article. If you have a warm case in which you can start the pips, the flowering period can be materially advanced; three weeks, or four at the outside, will suffice. Expose the plants to light earlier than if you were growing for cut flowers only, and let the foliage be as ample as possible. As a general rule, 6-inch pots are found the most suitable size, and it of course makes no difference what sort of soil is used, as the pips make no new roots while being forced.

Hybrid Prepetual Roses.

The demand for hybrid perpetual roses is not what it used to be before the advent of the numerous ramblers; still, nicely flowered pots are a desirable addition to any retailer's stock in trade. It is less easy to time these than almost any other plants. Two or three successive hot days will sometimes ruin the plants for sales purposes, unless they are removed to cool quarters in season. The peerless white variety, Frau Karl Druschki, has sold well during Easter week for a year or two, and anyone who has this sort on time should have no trouble in disposing of them again. It is better not to try any hard forcing tactics on the hybrid perpetuals; better allow the plants to come along in a night temperature of 50 to 52 degrees than 58 to 60 degrees. Avoid any cold drafts, which would mean mildew in a more or less aggravated form. Use sulphur on the heating pipes on its first appearance and blow some over the affected plants themselves. If small-sized bulbs are showing in the hybrid perpetuals from March 7 to 10, they will be on time. A spell of dark weather may, of course, necessitate some extra heat for them.

Lorraine Begonias.

The early Lorraine begonia cuttings, as well as many of the leaves, are now well rooted and little plants are pushing from the bases of the leaves. Pot as soon as they are decently rooted, in 2-inch pots, using a compost comprising leaf-mold, sand and screened loam. Pot somewhat loosely and grow warm for a week or two, after which time they can be gradually exposed to cooler, airier and more sunny treatment. Some nice cuttings are now procurable on plants cut down soon after Christmas. Those in a bed with some bottom heat will root in a month or five weeks. As plants pass out of flower, prune them back a little and then give them a rest for a week or two, keeping them cooler and drier at the root, after which a warm house will soon cause a nice crop of suitable cuttings to start. If your sand is at all close, add some finely broken charcoal to it, in order that water may pass away freely.

Seed Sowing.

February is a good month in which to sow many flower seeds. It is an advantage to start many varieties before the solar heat gets stronger. In a more uniform temperature, such as we usually get in February, germination is more likely to be good than later in the season. If Primula obconica is not yet sown and strong plants are desired by next Christmas, sow the seed in pans now. Primula Sinensis can also be sown, although, of course, plants in 5-inch pots can be grown from seed sown a couple of months hence. Gloxinias, achimines, gesneras, tuberous and fibrous rooted begonias should all be sown now. In each case we prefer to use sterilized soil and to water the soil before sowing the seeds, dusting a little fine sand over them after watering, then covering with sheets of glass and paper until germination takes place.

Salvia splendens in variety can be propagated from either cuttings or seeds. The latter method gives far more vigorous plants and, except in the case of some special plants which it may be desired to perpetuate, seedlings are far more to be desired. Salvias grow rapidly and can be sown as late as April and still give nice flowering plants for May sales. Some other annuals to start this month are: Verbenas, Vinca rosea, V. alba, heliotropes, browallias, cannas, asparagus in variety, musas, Lobelia Emperor William, L. gracilis, torenias, asters (successional batch) and petunias. It is too early to sow ten weeks' stocks for bedding, zinnias, castor oil plants, cosmos and other rapid growing varieties.

Many perennials can advantageously be started now. These include delphiniums, kniphofias, aquilegias, lupines, campanulas, veronicas and other varieties. Pentstemons and Canterbury bells should be sown now. The former will bloom well all summer and fall and the latter make strong plants to lift in the fall for potting.

For any vacant benches you may have now, or are soon likely to have, batches of such annuals as antirrhinums and ten weeks' stocks will be found extremely useful.

Dahlias.

Everything points to an active call for dahlias the coming season. Already some of the large growers are practically cleaned out of the more desirable sorts. The lists of named dahlias continue to grow at a rather alarming rate. The average trade grower cares nothing for hundreds of varieties, and if the big growers would boil down their lists to one-tenth their present size, it would be better for them and vastly better for their customers. In the case of varieties which are not overplentiful and of which a few extra plants are desired, it is now well to give some attention to them, and if they are placed in heat and cuttings taken with a heel as they become of sufficient size, quite a nice little stock can be worked up before planting-out time arrives. These cuttings are more popular in Europe than here. The main trouble is that they sometimes appear to be toothsome chewing for cutworms or snails, and once cut off, there being no tuber, the plant is lost. Barring this possible danger, they make at least as fine plants as those started from root divisions.

It is too early to start the general lot of dahlias for spring sales, but take advantage of any spare hours, which will be less and less each week now, to look over the tubers and remove any decaying ones.

CHRYSANTHEMUMS

CHRYSANTHEMUM RUST.

Will you please tell us what to do for a brownish rust that is on our chrysanthemum stock plants and feverfews?

E. & B.

I presume the rust mentioned by E. & B. is the genuine chrysanthemum rust, which affects the chrysanthemum and its kindred species. The best thing I know of for this is sulphide of potassium, used in the proportion of one ounce to two gallons of water. This can either be sprayed on the plants or the cuttings can be dipped in it before they are placed in the sand. Plants so treated will, as soon as the spring sun is strong enough to move them, quickly grow out of the rust. I have never had any bad effects on the plants from the use of potassium, but a good grower who had used this preparation gave me a warning to keep it away from the paint on the bars or sides, as it will turn the paint a dirty brown.

CHAS. H. TOTTY.

NOTES FROM GREAT BRITAIN.

W. Wells, chrysanthemum specialist, Merstham, England, has issued a revised edition of his book, "The Culture of the Chrysanthemum." It is freely illustrated and contains several views of chrysanthemums grown and photographed in America. These illustrate a chapter devoted to "Chrysanthemums in America," in which the writer states that "the enthusiasm of the Americans for chrys-

anthemums steadily grows and before long America will become a formidable rival to Great Britain—even if it may not be so regarded at the present time.''

In his introductory notes the following paragraphs are found:

''During a visit I paid to America in November, 1909, I was able to make arrangements with C. H. Totty, of Madison, N. J., to act as my agent in the United States for all the varieties of chrysanthemums distributed from Merstham.

''Mr. Totty is a man who combines great business capacity with sound, practical knowledge of horticulture. Like most of the foremost growers whom I met in the States, he is an Englishman, having been born in Shropshire. He owns extensive nurseries at Madison, where one may see the finest glass houses, the most modern appliances and the latest labor-saving devices to be found anywhere—and that is saying a good deal when one is speaking of America. The produce raised by Mr. Totty finds a ready market in New York, about thirty miles away. He has gone in enthusiastically for chrysanthemums, and has built up a reputation as a successful grower, not only of commercial kinds, but also of exhibition varieties. A near neighbor of Mr. Totty is W. Duckham, who manages the estate of Mrs. D. Willis James, of Madison. Chrysanthemum lovers in America are under a debt to Mr. Duckham, who, for years past, has spared neither trouble nor expense to introduce the latest and best novelties. Some of the most popular varieties to be seen at the principal exhibitions in the United States at the present day have become known through Mr. Duckham's enthusiasm. Like his friend, Mr. Totty, he first saw the light in the old country, being a native of Plymouth. He left England for America nearly twenty years ago, and through his wide experience of gardening, sound judgment and go-ahead methods he occupies a front-rank place in the horticultural world of the States.''

Bee.



RUST ON UNROOTED CUTTINGS.

I have read with great interest for a year or two the replies of A. F. J. B. to carnation growers who ask him questions about their troubles, and I am going to ask him what I can do with a batch of Winsor and Victory cuttings that are now in the sand. They were nice and clean when I got them from another grower, but now, after they have been in the sand for a week, rust is coming on them quite badly. I do not like to throw them away, as I have about 10,000 of them and they cost $100. I have grown carnations for ten years, but never before had the rust to amount to much. This is my first attempt with Winsor and Victory. Can I use a dip of some kind when I put the next lot in the sand? G. A. R.

There is practically nothing you can do for a cutting that has become affected with rust before it is rooted. The remedies advocated for rust could not be used on unrooted cuttings, as they produce conditions under which no carnation cutting could be expected to survive unless it were rooted. Keeping the foliage dry is the secret of preventing rust, and when rust makes its appearance it is customary to apply dustings of lime or sulphur, which take the moisture out of the atmosphere, producing a condition which is abnormal to a degree.

The cutting, until it is rooted, must have an atmosphere which is bracing, and that means at least moderately charged with moisture. The cutting is not able to draw moisture from below as well as a rooted plant, and until it is in a condition to do so you must aid it in drawing moisture from other sources. Too much spraying is usually the cause of rust in the cutting bench, or perhaps there are other sources which are producing similar atmospheric conditions. I have always advocated as little spraying as possible as long as the cuttings can be held up fresh by other means.

I would advise pulling out all cuttings affected with the rust, to prevent its spreading to those unaffected. Do not try any dipping of the unrooted cuttings. There is nothing we know of that will kill rust without also killing the cutting. Your only remedy lies in the prevention, as suggested above.

A. F. J. B.

SALT SOLUTION FOR SPIDER.

In the Review of January 20 I note the following direction: ''To destroy red spider, use salt water and wash it off, but only on bright days.'' I should like to know how strong the salt solution should be made. How much salt is used to each gallon of water? Is the salt water applied with force, or simply sprinkled on from a watering can? How long after the salt water has been applied should the washing-off be done? Do you wash it off with the hose, just as we syringe? J. T.

We use about a 2-inch potful of salt to three gallons of water. This we spray on the plants with our compressed air sprayer. We use a medium fine nozzle, which produces a fine spray and with which we are able to cover every part of the plant without saturating everything.

A few hours after it is applied we use the hose to wash it off. Produce a sharp spray, such as you use in syringing, and reach every part of the plant if possible. This is not so much to wash off the salt, as the salt would do no damage if it stayed on, but it is to wash off all the red spider, many of which will be half dead and more easily dislodged than could be done ordinarily.

If you have spider on your plants you should make haste to get rid of them before warm weather comes. You will find it a mighty hard problem to get rid of them after April 1. A. F. J. B.

BLOOMS FROM OUTDOOR STOCK.

Kindly give the method of culture of carnations for blooms in summer from outdoor stock, buying rooted cuttings or plants, and planting out in the open. Can they be grown for blooms with any degree of success in the open during summer and fall from early spring planted stock? Would it be well to shade with slats, and should they be given much water? What is the best method of fertilizing? What varieties are best for this punrpose? I am located in northern Georgia. T. P. H.

Carnations can be grown quite profitably for summer blooming, especially where there is trouble in getting good asters. In many localities it seems that the soil is so impregnated with the aster blight that it is impossible to get a good stand of asters any more. In such cases carnations can be made to take their place to a great extent, although they can hardly be grown so cheaply.

For blooming outdoors you want cuttings struck quite early. Then push them along by shifting and topping as needed, until by planting-out time you will have them in 3-inch to 3½-inch pots and carrying several good shoots to each plant. Plant these out in beds, allowing about eight inches each way between the plants. As soon as the plants begin to grow and rains become more infrequent, give them a good, heavy mulch of rotted stable manure. Then water whenever necessary to keep the soil fairly moist and be sure that you soak them thoroughly each time you water them. A good soaking once each week will be bet-

ter than a light watering each day, as the latter method would be likely to start spot disease or stem-rot. In our climate I would not advise any shading whatever, but in your latitude you will likely need some and the form of shading you suggest would likely prove most satisfactory.

By this method you can begin cutting by August and continue cutting until frost cuts them down, which in your locality would be quite late, giving you a long period of blooming.

As to varieties, the selection would not be large. All the Enchantress varieties do well outside. May is fine for that purpose. Crimson Glow is good in its color, and so is G. H. Crane for scarlet.

A. F. J. B.

CARNATIONS WITH SWEET PEAS

What would be a good pink and a good white carnation to grow in sweet pea houses which are run at 50 degrees at night? C. S. L.

Most varieties of carnations will thrive in a temperature of 50 degrees. In fact, we run all our carnation houses at 50 to 52 degrees and we grow sweet peas in the same houses with splendid success.

If you have a house which runs below 50 degrees rather than above that figure, then I would suggest that you do not plant the following sorts in that house: Beacon, White Perfection, Winsor, Mrs. Lawson, or any other sort which splits considerably. A. F. J. B.

STIGMONOSE.

You will find enclosed a bud and spray from the carnations in both of my houses. I am finding a great many like the enclosed. Will you tell me what the trouble is and what is the best remedy?

M. M. B.

The specimens forwarded are badly affected with stigmonose, and for any plants which are as bad as the samples there is no hope. There are no remedies which can be applied for this disease, as you cannot reach it externally. The only remedy lies in elimination through selection of cuttings, coupled with good culture. Propagate only healthy looking plants, and by keeping this selecting up a few years you can bring your stock up to a normal state of health. Too much water and too much feeding will aggravate the trouble, so let your culture be moderate. It should be of a plant-building rather than of a forcing nature.

If you can find no healthy plants, you would better buy new stock from someone who has healthy plants.

A. F. J. B.

FAIRY RING.

Under separate cover I am sending you some blasted buds and stems of Perfection carnations. If possible, please tell me what is the trouble and what I shall do. I have been running them at 52 degrees at night. They did well up to about a month ago, but since then they have been like the ones enclosed. Other carnations in the same house are all right. R. E. G.

The specimens forwarded seemed badly affected with fairy ring and you will have to adopt heroic measures to prevent its spreading all over your



House of Carnation Alma Ward, Photographed February 7, 1910.

house. Buds such as you forwarded will never develop a good bloom, so you might as well go through the bed and cut out every bud that shows the disease at all. Also cut out all shoots that have those dry tips and burn them.

Then dust the plants with Grape Dust, or with lime and sulphur mixed in equal parts. Also spray with Bordeaux mixture. Give all the ventilation you can and water only at the roots for a while. Your temperature has been right for this variety. A. F. J. B.

HYDROCYANIC ACID GAS.

I note the following account in the REVIEW of January 13, as to how A. T. Lorch & Co. fumigate their carnation houses: "In fumigating, for some years we have been using hydrocyanic acid gas exclusively, and find the C. P. grades are the only ones to use. We have used the commercial grade, but got poor results. For a house 22x300 we use one-half gallon earthen glazed crocks, which we space every twenty-five feet in both center walks. In these we place one and one-half inches of water and one and one-half ounces sulphuric acid C. P. The cyanide comes in crystal form, which we first pulverize, then place two ounces in a tissue paper poke, one for each crock, which two men take to the far end of the house. Then they start to return, each in his respective walk containing the crocks, and drop one in each crock as they pass it. In this way they get none of the deadly fumes, and can get out quickly. Of course, it is understood that the house is tightly closed. The best time to do this work is in the evening of a calm day. Great care must be taken with the following varieties, which will burn readily if the fumes used are too strong: Beacon, Perfection and Afterglow."

I should like to know how often this fumigation is used. Please give any other details, also, that can be added.

J. T.

I wish to state that it is better for a beginner who wants to use hydrocyanic acid gas to go a little slowly and not try it too strong at first. He should find out what results are obtained by using it lightly at first and then he can judge for himself if it should be used a little stronger or not. A great deal depends on the condition the greenhouse building is in. If it is a tight house, I advise not to use it any stronger than stated by me in the paragraph which J. T. has quoted from the REVIEW of January 13.

It is also hard to say how often the gas should be used. My advice is: As soon as you see any sign of insects, go for them the first calm day that comes along. It is also better to use, instead of the tissue paper pokes, small glasses which will hold about two ounces of cyanide. Place these in a flat, one for each crock, and proceed down the walk containing the crocks with the water and acid in them, emptying a glass into each crock as you pass along.

Do not forget to remove that valuable member, the greenhouse cat, or any other living creature. Should you overlook this, you can gamble that the cat will pass over to the happy hunting grounds and will not catch any more mice for you. And by all means get out as quickly as possible yourself, and stay out at least half an hour or more.

A. T. LORCH.

OUTDOOR CARNATION BLOOMS.

I am thinking of planting some carnations outdoors this summer for the cut flowers. Do you think I will get enough flowers to pay for my trouble in taking care of them, and can they be grown successfully outside? What varieties in a pure white and a light pink, say Enchantress shade, would give me the most blooms, grown outside? I want to use the flowers mostly for funeral work. I am located in southern Illinois.

T. E. H.

There is no reason why you should not be able to cut enough blooms from carnations in the field to make them pay quite well, providing you handle them properly.

Pot up early cuttings and push them along in pots until planting time, at which time you can have them in at least

3-inch pots and topped twice. These, if planted out and left to come into bloom, should give you a fine lot of flowers. Plant in beds instead of single rows. Set the plants about eight inches each way. Mulch them with some old, loose stable manure, to hold in the moisture, and water when needed.

All the Enchantress varieties should prove satisfactory. We have found May a splendid one for this purpose.

A. F. J. B.

AMERICAN CARNATION SOCIETY.

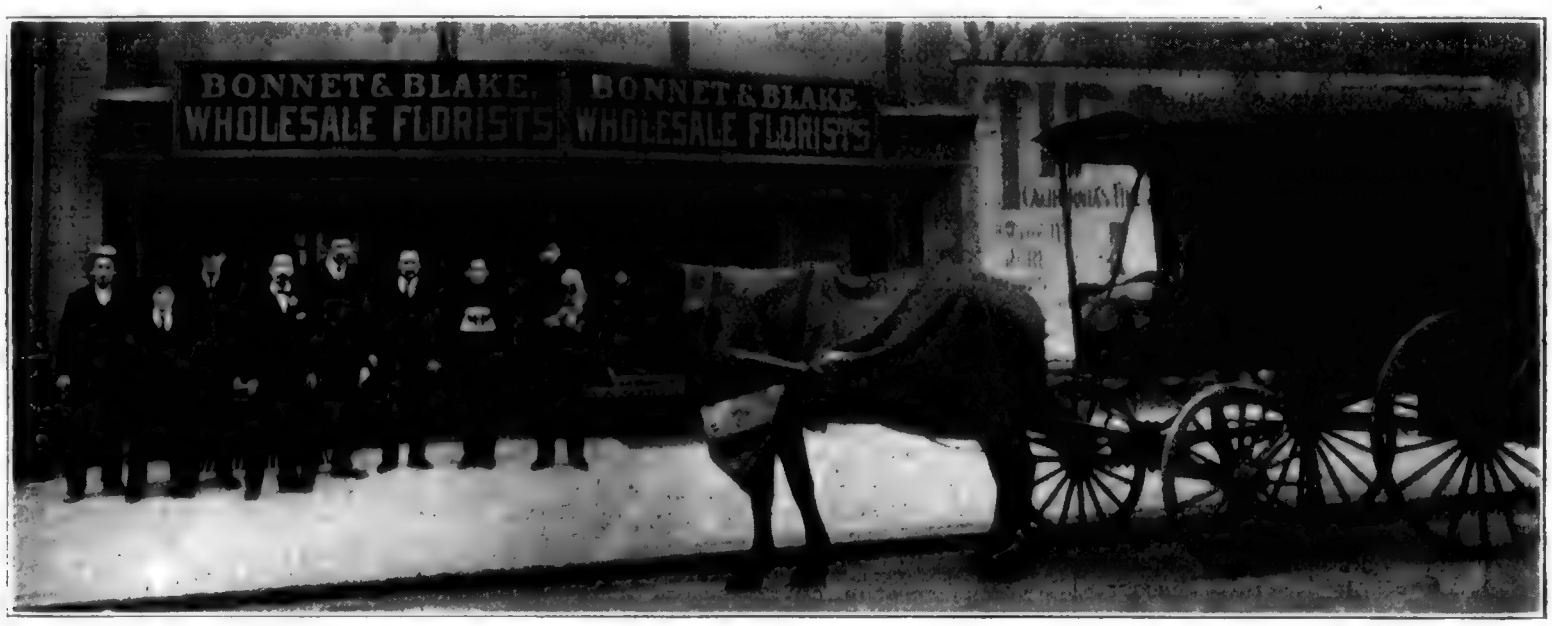
Frank E. Whitney, Fishkill-on-Hudson, N. Y., gardener to Winthrop Sargent, registers Carnation Wodenethe, Prosperity x Enchantress; pure white; three and one-half to four inches in size; strong, erect grower; runs to flower quickly; beautifully formed, full flower, with the old clove scent; strong calyx, seldom bursts; scored ninety points for preliminary certificate at A. C. S. convention at Pittsburg.

A. F. J. Bauer, Sec'y.

A BROOKLYN FIRM.

Time was when Brooklyn looked to the New York market for its cut flower supplies, but now the City of Churches has a flourishing wholesale section of its own. The accompanying illustration is reproduced from a photograph of the front of the new store of Bonnet & Blake, 130 Livingston street, and a few words as to the careers of the members of the firm may be of interest.

C. Bonnet was born in 1869 at Newark, N. J. He has been connected with the florists' business in some capacity since 1890, first with J. Zschorna, in the retail department, and afterwards for twelve years with the veteran, J. V. Phillips, on Fulton street, Brooklyn. After two years with Hicks & Crawbuck in the wholesale business, Mr. Bonnet formed a partnership with G. H. Blake. Mr. Blake was born in Michigan, also in 1869. Moving early to Rochester, he was in the employ of Salter Bros. until 1890, when he engaged as rose propagator with John N. May, of Summit, N. J. Later he was one of the firm of Blake & Dobbs, of Auburn, N. Y. Selling his interest there, he purchased a half interest in the business of the late J. M. Lyons, rose grower of Madison, N. J. After selling his interests here he entered the wholesale field, and for the last six years has been by two months the junior member of the firm.



Store of Bonnet & Blake, Brooklyn, N. Y.

AT FRAMINGHAM, MASS.

A Call at William Nicholson's.

Carnations are the leading specialty at the Pleasant Hill Conservatories, Framingham, and William Nicholson, Jr., acted as an escort on the occasion of a recent visit, William Nicholson, Sr., being away at the time, attending to business in Pittsburg. All varieties here are looking uncommonly well, better than ever before. White Enchantress is well liked, and is the principal white grown. It carries a splendid crop. Some White Perfection and Lady Bountiful are also grown. Harry Fenn carried an immense crop. It begins to show occasional signs of running out, and as a bread-and-butter variety it will be difficult to replace. Viola Sinclair was not doing well, and will be dropped. Mrs. Patten is still grown as a variegated and, as grown here, is very prolific.

Winona is well liked and was in heavy crop. Winsor is also extremely popular and is always in crop. Enchantress is still grown in considerable numbers and looked well. Beacon and Victory, as scarlets, both carried heavy crops; each does well here. Small batches of Sangamo, Superba, Niagara and other new varieties were under trial. Some promising seedlings were also noted. Afterglow is grown as a dark pink; it also shows some signs of running out.

A large batch of Freesia Purity carried exceptionally fine spikes, with large flowers. Marguerites, both yellow and white, are grown in quantity. These will not come in heavy crop until April and May. Many thousands of shamrocks are grown and these were ready for pots and pans. Mignonette of an extra fine strain carried some immense spikes, probably not excelled by any in New England.

Goddard's Carnations.

S. J. Goddard's range has been augmented by a fine King Construction house since our last visit. This was not planted until October, but the plants look well and are throwing a fine crop. The other houses, planted earlier, were all in heavy crop. Fenn is the leading crimson, but some Ruby is grown and well liked, the bursting characteristics so noticeable in other places being less conspicuous here. White Perfection is the leading white. Lady Bountiful is still grown, also White Enchantress. Small lots of Bon Ami and Granite State, G. E. Buxton's new seedlings, were on trial and doing well. Both Beacon and Victory are grown as scarlets, the former looking a little the better.

Helen Goddard, raised here, still does well, and there is no prettier flower of its color today. Winsor is found to be indispensable. Loris, a cerise seedling of H. H. Rogers, of South Sudbury, was under trial. Pink Delight is, however, the star variety here. It has been a continuous cropper and the color makes it sell on sight at higher prices than Enchantress. The latter, however, is still grown. Pink Delight makes few cuttings, and these are found difficult to root. This will probably have a tendency to keep its price up.

Butterworth's Orchids.

Orchids are the specialty at J. T. Butterworth's, and of these he is constantly increasing his collection. Cattleya Trianæ was in good crop when we called. The flowers are sold as fast as they open, Boston having acquired something of an orchid mania of late. Some good types of C. Trianæ were noted. Lælia anceps, including some good white varieties, was in season, while a portion of the Cypripedium insigne crop was still uncut. A batch of Miltonia vexillaria looked well. Odontoglossum crispum, both semi-established and newly imported, were promising. A collection of insigne cypripediums, including Sanderæ, Laura Kimball, Harefield Hall and others, were coming into flower, also Dendrobium Wardianum and nobile. A batch of Phalænopsis Schilleriana and Vanda cærulea were in splendid health. Of Cattleya Mossiæ, gigas and other summer varieties there were some grand specimens, which should carry off some honors at the big orchid show in Boston next May.

Lily of the valley is a specialty here and is always to be had of fine quality. Dutch bulb stock is largely forced, Tulip La Reine and Narcissus Trumpet Major and Golden Spur being mostly in evidence. In the carnation houses, Beacon, Fair Maid, Enchantress, Queen and Winsor are the leading varieties grown.

C.

Milford, Mass.—W. D. Howard is building an addition to his boiler-room, installing a new eighty horse-power boiler and making other improvements.



Charles L. Washburn, President Illinois State Florists' Association.

THE ILLINOIS ASSOCIATION.

With a man at its head of such large interests as those of C. L. Washburn, the Illinois State Florists' Association appears to be prepared for a good season's work. The association will ask the state legislature to make up to it the sum withheld when the last biennial appropriation was made. The asking then was for $35,000, which the legislature cut down to $16,000. This time the association will ask for $54,000, the same asking as last session except that the deduction is added.

Charles L. Washburn is a member of practically all the trade societies, but has fought shy of office in any of them, although frequently urged to permit the use of his name. He laughingly asserts that he was not aware of what was going on at Champaign the day he was elected president of the Illinois State Florists' Association, but since the election was unanimous and he has much interest in the work for floriculture now being conducted at the state experiment station, he will put into the administration of affairs the same energy he applies to all his business activities.

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3-inch pots and topped twice. These, if planted out and left to come into bloom, should give you a fine lot of flowers. Plant in beds instead of single rows. Set the plants about eight inches each way. Mulch them with some old, loose stable manure, to hold in the moisture, and water when needed.

All the Enchantress varieties should prove satisfactory. We have found May a valuable one for this purpose.

A. F. J. B.

AMERICAN CARNATION SOCIETY.

Frank F. Whitney, Fishkill-on-Hudson, N. Y., gardener to Winthrop Sargent, registers Carnation Wodenethe, Prosperity × Enchantress; pure white; three and one-half to four inches in size; strong, erect grower; runs to flower quickly; beautifully formed, full flower, with the old clove scent; strong calyx, seldom bursts; scored ninety points for preliminary certificate at A. C. S. convention at Pittsburg.

A. F. J. Baker, Sec'y.

A BROOKLYN FIRM.

Time was when Brooklyn looked to the New York market for its cut flower supplies, but now the City of Churches has a flourishing wholesale section of its own. The accompanying illustration is reproduced from a photograph of the front of the new store of Bonnet & Blake, 130 Livingston street, and a few words as to the careers of the members of the firm may be of interest.

C. Bonnet was born in 1869 at Newark, N. J. He has been connected with the florists' business in some capacity since 1890, first with J. Zschorna, in the retail department, and afterwards for twelve years with the veteran, J. V. Phillips, on Fulton street, Brooklyn. After two years with Hicks & Crawbuck in the wholesale business, Mr. Bonnet formed a partnership with G. H. Blake. Mr. Blake was born in Michigan, also in 1869. Moving early to Rochester, he was in the employ of Salter Bros. until 1890, when he engaged as rose propagator with John N. May, of Summit, N. J. Later he was one of the firm of Blake & Dobbs, of Auburn, N. Y. Selling his interest there, he purchased a half interest in the business of the late J. M. Lyons, rose grower of Madison, N. J. After selling his interests here he entered the wholesale field, and for the last six years has been by two months the junior member of the firm.

AT FRAMINGHAM, MASS.

A Call at William Nicholson's.

Carnations are the leading specialty at the Pleasant Hill Conservatories, Framingham, and William Nicholson, Jr., acted as an escort on the occasion of a recent visit, William Nicholson, Sr., being away at the time, attending to business in Pittsburg. All varieties here are looking uncommonly well, better than ever before. White Enchantress is well liked, and is the principal white grown. It carries a splendid crop. Some White Perfection and Lady Bountiful are also grown. Harry Fenn carried an immense crop. It begins to show occasional signs of running out, and as a bread-and-butter variety it will be difficult to replace. Viola Sinclair was not doing well, and will be dropped. Mrs. Patten is still grown as a variegated and, as grown here, is very prolific.

Winona is well liked and was in heavy crop. Winsor is also extremely popular and is always in crop. Enchantress is still grown in considerable numbers and looked well. Beacon and Victory, as scarlets, both carried heavy crops; each does well here. Small batches of Sangamo, Superba, Niagara and other new varieties were under trial. Some promising seedlings were also noted. Afterglow is grown as a dark pink; it also shows some signs of running out.

A large batch of Freesia Purity carried exceptionally fine spikes, with large flowers. Marguerites, both yellow and white, are grown in quantity. These will not come in heavy crop until April and May. Many thousands of shamrocks are grown and these were ready for pots and pans. Mignonette of an extra fine strain carried some immense spikes, probably not excelled by any in New England.

Goddard's Carnations.

S. J. Goddard's range has been augmented by a fine King Construction house since our last visit. This was not planted until October, but the plants look well and are throwing a fine crop. The other houses, planted earlier, were all in heavy crop. Fenn is the leading crimson, but some Ruby is grown and well liked, the bursting characteristics so noticeable in other places being less conspicuous here. White Perfection is the leading white. Lady Bountiful is still grown, also W Enchantress. Small lots of Bon Ami Granite State, G. E. Buxton's new s lings, were on trial and doing well. Beacon and Victory are grown as s lets, the former looking a little the ter.

Helen Goddard, raised here, still well, and there is no prettier flowe its color today. Winsor is found t indispensable. Loris, a cerise seedling H. H. Rogers, of South Sudbury, under trial. Pink Delight is, howev the star variety here. It has been a timous cropper and the color makes sell on sight at higher prices than E chantress. The latter, however, is st grown. Pink Delight makes few c tings, and these are found difficult root. This will probably have a tende to keep its price up.

Butterworth's Orchids.

Orchids are the specialty at J. T. Butterworth's, and of these he is constantly increasing his collection. Cattleya Trianæ was in good crop when we called. The flowers are sold as fast as they open. Boston having acquired something of an orchid mania of late. Some good types of C. Trianæ were noted. Lælia anceps, including some good white varieties, was in season, while a portion of the Cypripe



Store of Bonnet & Blake, Brooklyn, N. Y.

dium insigne crop was still uncut. A batch of Miltonia vexillaria looked well. Odontoglossum crispum, both semi-established and newly imported, were promising. A collection of insigne cypripediums, including Sanderæ, Laura Kimball, Harefield Hall and others, were coming into flower, also Dendrobium Wardianum and nobile. A batch of Phalænopsis Schilleriana and Vanda cærulea were in splendid health. Of Cattleya Mossiæ, gigas and other summer varieties there were some grand specimens, which should carry off some honors at the big orchid show in Boston next May.

Lily of the valley is a specialty here and is always to be had of fine quality. Dutch bulb stock is largely forced. Tulip La Reine and Narcissus Trumpet Major and Golden Spur being mostly in evidence. In the carnation houses, Beacon, Fair Maid, Enchantress, Queen and Winsor are the leading varieties grown.

C.

Milford, Mass.—W. D. Howard is building an addition to his boiler-room, installing a new eighty horse-power boiler and making other improvements.



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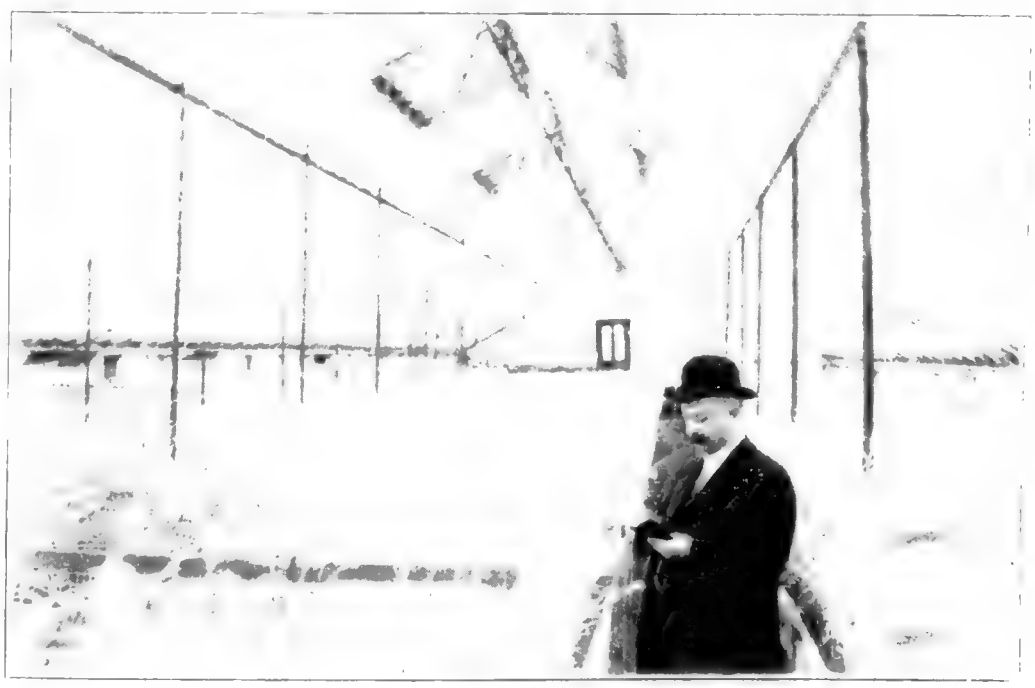
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You do not state whether you want baskets of green or flowering plants. For the latter, some useful varieties to use are: Ivy-leaved geraniums, Lobelia gracilis, Aubutilon vexillarium, Begonia Vesuvius, and for the centers of the baskets tuberous rooted begonias and those of the fibrous section, such as Erfordii and Vernon, fuchsias, petunias, lantanas and verbenas.

Among green plants, Boston sword ferns make good center plants. Other ferns may also be used. Asparagus Sprengeri makes a splendid basket plant when grown by itself. English ivy, variegated and green vinca, glechoma, Kenilworth ivy and maurandias are also fine for this purpose. It is better not to mix foliage and flowering plants. All the baskets will be better if protected from the sun's direct rays and require copious supplies of water. Liquid manure, in addition, will greatly assist them when the baskets are crowded with roots.

W. C.

ASPARAGUS VS. CARNATIONS.

Does it pay better to grow asparagus than carnations? If so, what is the best way to grow it, in strings or bunches? When is the best time to plant it? How long will it be when fit to cut and ship?

J. B.

I would certainly think that it will pay you much better to grow carnations than asparagus. In growing the latter there is a considerable wait after planting before you can cut a string. Then it requires much more fire heat than carnations. The strings are usually sold in lengths of six to eight feet and bunches contain twenty-five sprays each. If, as I assume, you are a comparatively small grower, my advice would be to leave the asparagus to the big specialists and stick to carnations. You will find the latter are more of the bread-and-butter type than the asparagus.

If you refer, however, to Asparagus Sprengeri, it will pay you better than carnations, especially if your house is not an up-to-date one. The Sprengeri will do well in even a dark, almost sunless house.

C. W.

ASTERS ON CORN LAND.

I have a lot, 70x100, in northeastern Illinois, which was planted to corn last year. Would you advise me to plant it to asters this year? How much seed will I need and how should they be planted?

W. J. K.

Asters should do well on the land you speak of. Plow it, manure it liberally, and thoroughly harrow it in April. If barnyard manure cannot conveniently be procured, use a good commercial fertilizer, at the rate of 600 to 800 pounds per acre. Run the rows thirty inches apart for such strong kinds as Vick's Branching, Crego and Semple's. Comet and Queen of the Market can go a little closer. Assuming that you allow thirty inches between the rows and nine inches between the plants, you will require about 2,600 plants. One ounce of good seed



E. C. Amling, Chicago, in His Office.

should give you as many plants as you require and allow for some extras. Of course, you can plant the rows closer than here indicated, but it is assumed that you wish to use a horse or hand cultivator through the growing season, in which case thirty inches is none too much.

C. W.

COLORING FLOWERS.

In coloring flowers for St. Patrick's day, too little attention is given to the flowers used. The following suggestions might be helpful to some of the readers of the REVIEW:

Do not use flowers which have been standing in water, if you can help it. Get some that are freshly cut.

A flower grown during bright, sunny weather, when all the conditions are perfect for rapid growth, will absorb color faster and better than one grown under dull, cloudy conditions. The same idea holds true concerning those cut in the morning and others cut in the afternoon. Those cut in the early morning are practically dormant, while those cut in the afternoon have been forced into activity by the sun and are in a better condition to absorb the coloring.

In a warm, dry atmosphere more moisture evaporates from the flowers, so the solution is drawn up and colors the flowers more quickly.

If you wish to harden the flowers in a cool room, do it after they are colored, but never before. C. R. CRANSTON.

STARTING CANNAS.

Will you please tell me what is the best way to start cannas? I cut the eyes the size for 3-inch pots, put them in flats with sphagnum moss and sand and placed them on the steam pipes with an empty flat under them. Although the eyes are all sound and plump, a large per cent rot. C. B.

Clear a piece of bench in a warm house, under which heating pipes run, and place a layer of moss containing a little sand on the boards. Cut your cannas so that they will have one good eye each and lay them on this moss. Scatter a little fine moss among them and damp them over. Give no more water for several days and apply it sparingly until the roots are pushing out. The cause of your roots rotting has undoubtedly been an excess of moisture. If you have a moist, warm house, the roots will need only light damping over until growth starts. W. N. C.

OBITUARY.

Edwin J. Hill.

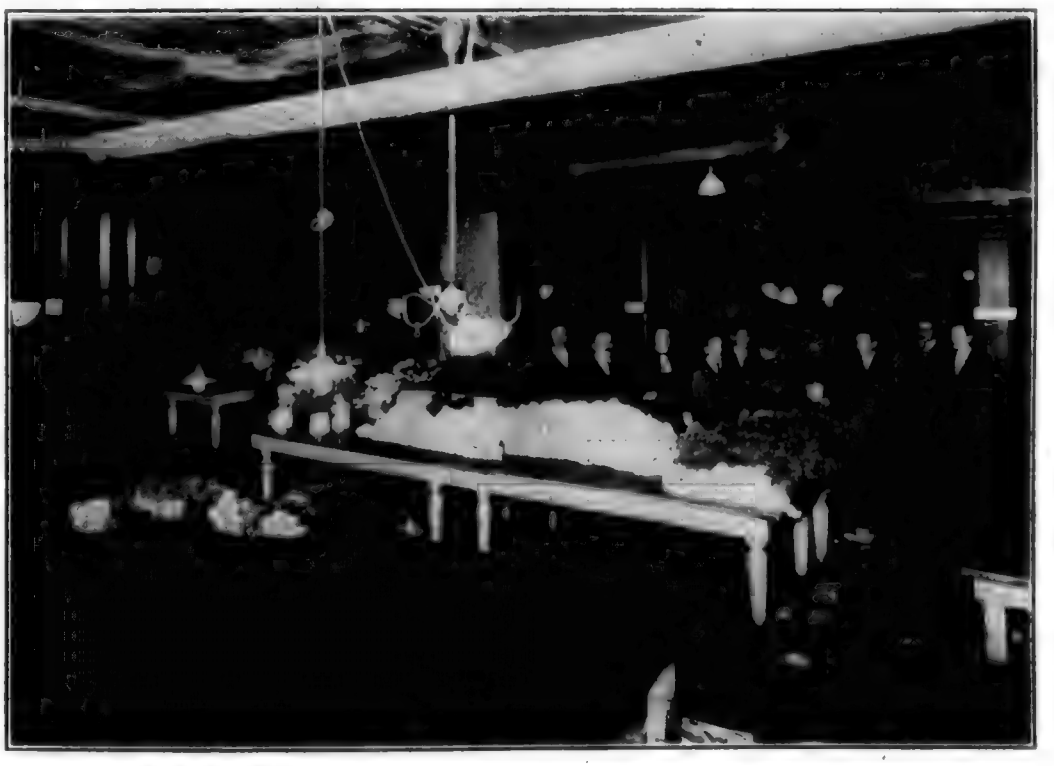
Edwin J. Hill, of 40 Hull street, Ansonia, Conn., died Sunday, February 13, after a brief illness. A week previously, while on a business trip to New Haven, he was taken with a chill, which developed into pneumonia, and his condition soon became such that hope of recovery was practically abandoned. He was 39 years old and was the son of the late Morris A. Hill, who started the first florists' establishment in Ansonia. The elder Mr. Hill died a number of years ago, Edwin succeeding to the business. A few years later Mr. Hill vacated the old greenhouses on North Main street, which were afterwards occupied by the Ansonia Floral Co., and built a small range of houses on Hull street. He was married to Miss Jennie Potter, of Ansonia, who survives him. Two children, Charles and Merrill Hill, are also left, besides his mother, Mrs. Phoebe Hill, of New York. Among the other survivors are two brothers, George Hill, of Waterbury, Conn., and Albert Hill, of New York; and one sister, Mrs. Elsie Betts, of Bridgeport.

Mr. Hill was a member of the Eagle Hose and Hook and Ladder Co.; Naugatuck lodge, I. O. O. F., and F. D. Grinnell lodge, N. E. O. P., all of Ansonia. The funeral was held Tuesday afternoon from Immanuel Episcopal church, burial being at Pine Grove cemetery, Ansonia. Delegations attended from the various organizations of which the deceased was a member, and the funeral was a large one. There were many flowers, testifying to the respect and esteem in which Mr. Hill was held.

James Buxton.

James Buxton, formerly a florist in Buffalo, N. Y., was accidentally killed last week. Mr. Buxton started in the business when the florists of Buffalo could have been counted on one hand. He was then employed by W. J. Palmer, when the Palmer greenhouses were still within the limits of the city. After leaving Mr. Palmer, he started in business for himself on Richmond avenue, where he remained until his property became too valuable for greenhouse space. After selling out, he retired from the florists' trade and was engaged in the wholesale business for Philip Becker, where he met his death in a peculiar way, and the news was particularly sad to those who knew him. Going to the open door of an elevator shaft, he shouted a message to someone on the floor above. As he held his head in the shaft, the elevator came down and struck his head, killing him instantly. He was a member of the Florists' Club for years and the pallbearers were all members of the club. The funeral was held Friday, February 18.

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Store and Staff of E. C. Amling, Chicago.

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Wire baskets from ten to eighteen inches in diameter are the best to use; popular sizes are twelve to fourteen inches across. It is best not to fill them until two or three weeks before you need them. In order to help keep moisture in them, place a layer of rough sphagnum or wood moss next the wire. This also helps to keep the soil from washing out. The soil should be tolerably rich; two-thirds loam and one-third rotted cow manure is about right.

You do not state whether you want baskets of green or flowering plants. For the latter, some useful varieties to use are: ivy-leaved geraniums, Lobelia gracilis, Abutilon vexillarium, Begonia Vesuvius, and for the centers of the baskets tuberous rooted begonias and those of the fibrous section, such as Erfordii and Vernon, fuchsias, petunias, lantanas and verbenas.

Among green plants, Boston sword ferns make good center plants. Other ferns may also be used. Asparagus Sprengeri makes a splendid basket plant when grown by itself. English ivy, variegated and green vinca, glechoma, Kenilworth ivy and maurandias are also fine for this purpose. It is better not to mix foliage and flowering plants. All the baskets will be better if protected from the sun's direct rays and require copious supplies of water. Liquid manure, in addition, will greatly assist them when the baskets are crowded with roots.

W. C.

ASPARAGUS VS. CARNATIONS.

Does it pay better to grow asparagus than carnations? If so, what is the best way to grow it, in strings or bunches? When is the best time to plant it? How long will it be when fit to cut and ship?

J. B.

I would certainly think that it will pay you much better to grow carnations than asparagus. In growing the latter there is a considerable wait after planting before you can cut a string. Then it requires much more fire heat than carnations. The strings are usually sold in lengths of six to eight feet and bunches contain twenty-five sprays each. If, as I assume, you are a comparatively small grower, my advice would be to leave the asparagus to the big specialists and stick to carnations. You will find the latter are more of the bread-and-butter type than the asparagus.

If you refer, however, to Asparagus Sprengeri, it will pay you better than carnations, especially if your house is not an up-to-date one. The Sprengeri will do well in even a dark, almost sunless house.

C. W.

ASTERS ON CORN LAND.

I have a lot, 70x100, in northeastern Illinois, which was planted to corn last year. Would you advise me to plant it to asters this year? How much seed will I need and how should they be planted?

W. J. K.

Asters should do well on the land you speak of. Plow it, manure it liberally, and thoroughly harrow it in April. If barnyard manure cannot conveniently be procured, use a good commercial fertilizer, at the rate of 600 to 800 pounds per acre. Run the rows thirty inches apart for such strong kinds as Vick's Branching, Crego and Semple's. Comet and Queen of the Market can go a little closer. Assuming that you allow thirty inches between the rows and nine inches between the plants, you will require about 2,600 plants. One ounce of good seed



E. C. Amling, Chicago, in His Office.

should give you as many plants as you require and allow for some extras. Of course, you can plant the rows closer than here indicated, but it is assumed that you wish to use a horse or hand cultivator through the growing season, in which case thirty inches is none too much.

C. W.

COLORING FLOWERS.

In coloring flowers for St. Patrick's day, too little attention is given to the flowers used. The following suggestions might be helpful to some of the readers of the REVIEW:

Do not use flowers which have been standing in water, if you can help it. Get some that are freshly cut.

A flower grown during bright, sunny weather, when all the conditions are perfect for rapid growth, will absorb color faster and better than one grown under dull, cloudy conditions. The same idea holds true concerning those cut in the morning and others cut in the afternoon. Those cut in the early morning are practically dormant, while those cut in the afternoon have been forced into activity by the sun and are in a better condition to absorb the coloring.

In a warm, dry atmosphere more moisture evaporates from the flowers, so the solution is drawn up and colors the flowers more quickly.

If you wish to harden the flowers in a cool room, do it after they are colored, but never before. C. R. CRANSTON.

STARTING CANNAS.

Will you please tell me what is the best way to start cannas? I cut the eyes the size for 3-inch pots, put them in flats with sphagnum moss and sand and placed them on the steam pipes with an empty flat under them. Although the eyes are all sound and plump, a large per cent rot. C. B.

Clear a piece of bench in a warm house, under which heating pipes run, and place a layer of moss containing a little sand on the boards. Cut your cannas so that they will have one good eye each and lay them on this moss. Scatter a little fine moss among them and damp them over. Give no more water for several days and apply it sparingly until the roots are pushing out. The cause of your roots rotting has undoubtedly been an excess of moisture. If you have a moist, warm house, the roots will need only light damping over until growth starts. W. N. C.

OBITUARY.

Edwin J. Hill.

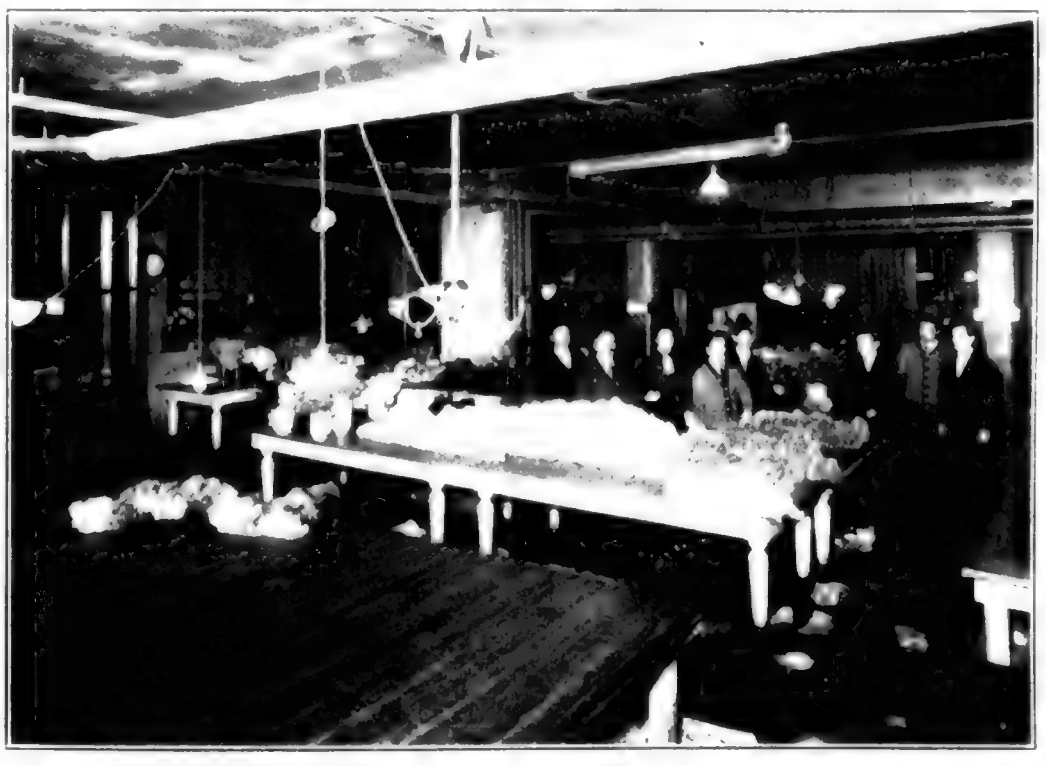
Edwin J. Hill, of 40 Hull street, Ansonia, Conn., died Sunday, February 13, after a brief illness. A week previously, while on a business trip to New Haven, he was taken with a chill, which developed into pneumonia, and his condition soon became such that hope of recovery was practically abandoned. He was 39 years old and was the son of the late Morris A. Hill, who started the first florists' establishment in Ansonia. The elder Mr. Hill died a number of years ago, Edwin succeeding to the business. A few years later Mr. Hill vacated the old greenhouses on North Main street, which were afterwards occupied by the Ansonia Floral Co., and built a small range of houses on Hull street. He was married to Miss Jennie Potter, of Ansonia, who survives him. Two children, Charles and Merrill Hill, are also left, besides his mother, Mrs. Phoebe Hill, of New York. Among the other survivors are two brothers, George Hill, of Waterbury, Conn., and Albert Hill, of New York; and one sister, Mrs. Elsie Betts, of Bridgeport.

Mr. Hill was a member of the Eagle Hose and Hook and Ladder Co.; Naugatuck lodge, I. O. O. F., and F. D. Grinnell lodge, N. E. O. P., all of Ansonia. The funeral was held Tuesday afternoon from Immanuel Episcopal church, burial being at Pine Grove cemetery, Ansonia. Delegations attended from the various organizations of which the deceased was a member, and the funeral was a large one. There were many flowers, testifying to the respect and esteem in which Mr. Hill was held.

James Buxton.

James Buxton, formerly a florist in Buffalo, N. Y., was accidentally killed last week. Mr. Buxton started in the business when the florists of Buffalo could have been counted on one hand. He was then employed by W. J. Palmer, when the Palmer greenhouses were still within the limits of the city. After leaving Mr. Palmer, he started in business for himself on Richmond avenue, where he remained until his property became too valuable for greenhouse space. After selling out, he retired from the florists' trade and was engaged in the wholesale business for Philip Becker, where he met his death in a peculiar way, and the news was particularly sad to those who knew him. Going to the open door of an elevator shaft, he shouted a message to someone on the floor above. As he held his head in the shaft, the elevator came down and struck his head, killing him instantly. He was a member of the Florists' Club for years and the pallbearers were all members of the club. The funeral was held Friday, February 18.

THE Massachusetts Horticultural Society was incorporated in 1829.



Store and Staff of E. C. Amling, Chicago.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

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SOCIETY OF AMERICAN FLORISTS.

Incorporated by Act of Congress March 4, '01

Officers for 1910: President, F. R. Pierson, Tarrytown, N. Y.; vice-president, F. W. Vick, Rochester, N. Y.; secretary, H. B. Dorner, Urbana, Ill.; treasurer, H. B. Beatty, Pittsburg, Pa.

Annual convention, Rochester, N. Y., August 16 to 19, 1910.

RESULTS.
We give them. You get them.
We both have them.

Apparently the ground hog must have seen his shadow.

The more the trade comes to know Primula Kewensis the more people there are who grow it. It has a place of its own at a certain season of the year.

There will be no publicity of corporations' tax returns; the administration found public sentiment too strong and devised a way of beating the devil around their own bush.

Not a few subscribers save themselves the bother of annual renewal by sending the Review $2, $3, or sometimes $5, instead of the dollar-bill that insures fifty-two visits of the paper.

The complete premium list for the spring exhibition of the American Rose Society, to be held at New York March 16 to 18, has been issued. It contains a long list of special prizes, all of which have received publication in previous issues of the Review. Intending exhibitors can obtain copies of the premium list and rules by addressing the secretary, Benj. Hammond, Fishkill, N. Y.

Everyone speaks well of J. A. Peterson's new begonia, Glory of Cincinnati. At the recent meeting of the Illinois State Florists' Association it received the only certificate of merit recommended by the judges, and the plantsmen all were taken with it. Mr. Peterson carries in his pocket a big bundle of nice letters about it, written him by some of the leading florists of the country.

SOCIETY OF AMERICAN FLORISTS.

Department of Registration.

Public notice is hereby given that J. A. Peterson, of Westwood, Cincinnati, O., offers for registration the begonia described below. Any person objecting to the registration, or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Raiser's description: Parentage, Socotrana x a sport of Lorraine type; foliage, large, round, resembling the foliage of B. Socotrana, but smaller; height, one to one and one-half feet; color, deep, soft, satiny pink; the individual flowers are about two inches across; flowering period, from October to April, being at its best during latter part of December; propagation by leaf cuttings, or by splitting up the foliage, as with the Rex varieties; soil, a light, sandy loam and leafmold, with a little well-rotted cow manure; its lasting quality is especially recommended.

Name: Glory of Cincinnati.

Corrections.

The name, Alice of Ingleside, was omitted from the registration, January 12, 1910, of the rose offered by Southwick Cary Briggs, of Washington, D. C.

In the change of registration, January 20, 1910, by S. Cockburn & Sons, of Woodlawn, New York, the name of the chrysanthemum should have been Mrs. Jane Cockburn, instead of Mrs. Jane Cochran.

H. B. Dorner, Sec'y.

February 17, 1910.

CHICAGO.

The Great Central Market.

The weather in the closing days of last week was too cold for the best interests of the cut flower business and the general report is that the market would have stagnated had it not been for a fair amount of shipping trade. This week opened on Sunday with an extremely good run of business. Monday also brought an active demand, the observance of Washington's birthday adding largely to the usual Monday requirements. Later, demand slackened and the market lapsed into its usual midweek lassitude.

It is a matter of general comment that the quality of much of the stock in the market is not what it should be at this date. Neither Beauties nor roses, generally speaking, are up to the standard; many carnations are soft, and there is an unusually large number of splits; the Rhinebeck violets also are poor, some of them being so poor that it is difficult to find any buyer who will handle them. The wholesalers are receiving more or less complaint from out of town on the quality of the stock shipped, even where much care was used in selection. The complaints are specially numerous with regard to carnations.

Beauty crops have increased only slightly, but the demand is extremely light and the moderate receipts are fully up to the market's requirements; indeed, prices have retrograded much farther than production has advanced. While there is an abundance of roses, Killarney appears to be slower in coming into crop than other roses. Of Bride there are large supplies and the stock averages fully as good as any other in the market, but prices are depressed because there is now nothing to make any special demand for white roses. The shorter Richmond also are moving slowly and prices generally on roses are down to a point where any buyer can take hold with freedom.

Carnations are coming in heavily, but the average quality of the stock is so poor that the best grade of goods still is bringing fair prices, where there is a large quantity that is jobbed off at extremely low rates, even with some loss on splits. Now and then there has been a part of a day on which it was not easy to find all the white carnations that were needed, but this condition has been speedily corrected when the word went out to the greenhouses. Enchantress is more abundant than any other color. Good bright pink is in demand.

The supplies of bulbous stock are the heaviest of the season. Tulips are coming in much more rapidly than heretofore and daffodils and jonquils are in large supply. There also are increased receipts of Paper Whites, and Romans are in good supply. The result is that bulb stock is selling at lower prices than at any time so far in 1910. Daffodils and jonquils are not worth more than half as much as they were a month or six weeks ago, though the quality is much finer than the early crop. Valley continues in good supply, but the demand has

KILLARNEY

We have advertised the fact that our Killarneys are of superior quality

Here is just a word of confirmation quoted from the report of the exhibition of the Illinois State Florists' Association last week.

From the judges' report: "Special mention of the excellence of the Killarney and White Killarney exhibited by Wendland & Keimel," who are one of our growers. From the Review's report: "Not only was the quantity of stock large but the quality of much of it was of superior excellence. Perhaps the exhibit that attracted the most attention was that of Wendland & Keimel, Elmhurst, who staged a superb vase of Killarney and one of White Killarney.',

SWEET PEAS

Fancy, long-stemmed Peas ready in quantity. The colors are white, pink and lavender, with a few fancy colors. This stock makes a hit wherever used—it is the same that we handled in such quantity last season and which we shipped all over the country. Begin now, with the start of the crop—you can do a big business with these Peas for many weeks.

Roses

We can fill all orders with fine Richmond, Maid or Bride, good heads on any length of stem.

Beauties

We have been filling all Beauty orders right along and can report crops on the increase. Write or wire.

Carnations

Our Carnations are the best in the market and the quantity sufficient to take care of the largest orders. We want to hear from large users of Carnations who have not previously bought of us. We can make it interesting for all such—not the cheapest, but the best Carnations on this market, and the largest supply.

Violets

We handle the cream of the crops of Hudson River Double Violets and ship them in large quantities all over the middle west. If YOU haven't tried our Violets, order some today. Also large supplies of fancy singles.

Bulb Stock

All bulb stock in quantity; Tulips, in yellow, white and pink (Novelty); choice Jonquils and Daffodils, also fancy Freesia, Paper Whites and Romans, Easter Lilies and Callas.

Green Goods

You can get of us all the Smilax that you need, nice, long, heavy strings. Also the popular green, Mexican Ivy, of choice quality. If you want the best ferns in the market order here.

Fancy Valley Always on Hand

We handle the **"Chicago Market Brand"** exclusively. Long-stemmed, large bells, crisp, the kind of stock that holds up and gives invariable satisfaction. Most leading stores will use no other. We can supply any quantity.

PRICE LIST

AMERICAN BEAUTY	Per doz.
Long Stems	$4.00
Stems 36 inches	3.00
Stems 30 inches	2.50
Stems 24 inches	2.00
Stems 20 inches	1.50
Stems 16 inches	1.00
Stems 12 inches	.75
	Per 100
Killarney, special	$12.00 to $15.00
" select	8.00 to 10.00
" seconds	4.00 to 6.00
Richmond, special	10.00 to 12.00
" select	6.00 to 8.00
" seconds	3.00 to 4.00
Maid and Bride, special	10.00
" " select	6.00 to 8.00
" " seconds	3.00 to 4.00
Mrs. Field	4.00 to 10.00
My Maryland	4.00 to 10.00
CARNATIONS	
Common and split	1.50 to 2.00
Select, large and fancy	3.00
MISCELLANEOUS	
Sweet Peas, fancy	1.50
" " medium	1.00
" " short	.50 to .75
Violets, fancy N. Y. doubles	.75
" " single	.50 to .75
Daffodils, Jonquils	3.00
Tulips, white and yellow	3.00
" pink (Novelty)	4.00
Valley	3.00 to 4.00
Easter Lilies per doz., $2.00	15.00
Callas per doz., $1.50 to 2.00	
Mignonette. per doz., 50c to 75c	
Paper Whites	3.00
Romans	3.00
Freesias	3.00 to 4.00
Daisies	1.00 to 1.50
DECORATIVE	
Asparagus Plumosus, per string	.60 to .75
" per bunch	.35 to .50
" Sprengeri per 100	2.00 to 6.00
Adiantum "	1.00 to 1.25
Farleyense "	10.00 to 12.00
Smilax per doz., $1.50	10.00
Ferns per 1000, 2.00	.25
Galax " 1.00	.15
Leucothoe " 6.50	.75
Mexican Ivy per 1000, $7.50; per 100, $1.00	

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago

32-34-36 Randolph St., CHICAGO

Long Distance Telephones, 1978 and 1977 Central; Automatic 7846

Easter Lilies

We are cutting now an average of 1000 Lilies per day. Very choice stock, large flowers, long stems and fine foliage. They are the best flowers in the market and are in great demand during this severe shortage of Beauties and Roses. We are selling them at $15.00 per 100 or $2.00 per doz. Buy direct of the grower and get fresh stock.

American Beauties, Roses, Fancy Carnations, Tulips, Daffodils, Valley, Easter Lilies and Greens.

Write us for our Weekly Price List. We keep you posted on the market.

BASSETT & WASHBURN, Office and Store, 76 Wabash Ave., Greenhouses, HINSDALE, ILL. **Chicago**

Mention The Review when you write.

also slackened. Easter lilies are not as abundant as they were and occasionally it has been difficult to fill orders. Moderate quantities of callas seem to suffice for the demand. Orchids, gardenias and white lilac are available for all orders on which a few hours' notice is given.

There is little change in the violet situation. Receipts are not quite so heavy and quality not quite so good, and prices have traveled in the same direction as quality. While it seems possible to sell most of the doubles, if the price is made low enough, the singles do not go as well, though the quality is fully as good. Violet growers will find little incentive toward increased production in the returns of the last few weeks and things seem to be getting worse instead of better.

The situation in green goods shows no change. Asparagus bunches still are comparatively scarce, with extremely light demand for asparagus strings and an abundant supply of everything else. It is reported that some of the wholesalers have met with disappointment in the matter of the ferns in storage, and the apparent anxiety of some of the original sources of supply to unload their stock gives rise to the belief that ferns are spoiling in first hands. An advance in price for good stock is therefore anticipated, although prices now are lower than ordinary at this season.

Various Notes.

The prospect for lilies for Easter is already occupying attention. The general report is that the stock is nowhere near along as it should be and that the supply will be only a fraction of what it usually is. The growers all say that on looking around they find the other fellow will only get in a part of his stock, that some of it is weeks behind, but each grower adds that he expects to flower all his own bulbs on time.

Ed. Roehrs and R. Muller, of the Julius Roehrs Co., Rutherford, N. J., were in town several days last week and report has it that they sold a lot of orchid plants to local cut flower growers.

Anton Then, Jr., is out after an illness of thirteen weeks with typhoid fever.

Peter Reinberg's campaign for reëlection to the city council is progressing quietly. Thus far the republicans have not placed any one in the field against him.

Weiland & Risch say business is better than usual in Lent.

At J. A. Budlong's comment is made on the light call for Beauties. They assert that the number of wholesalers buying of them speaks plainly of the quality of the stock, but say the demand has not cleaned up their moderately heavy cut for some days; everything else seems to be selling better than Beauties at the moment.

John Zech says he thinks the growers will find a means of flowering a fair proportion of their lilies for Easter, so that everybody can get some.

Alois Frey, of Crown Point, is preparing to send out a set of five of his new seedling single and pompon chrysanthemums. The set which he sent out in 1909 sold extremely well and he has already booked a considerable number of orders for the 1910 set.

Frank Garland, at Des Plaines, says that he is behind with his propagating this year, not having secured as yet all the carnation cuttings he will require for his own use.

The entertainment committee of the Florists' Club announces that ladies' night will occur March 3, with dinner at the Union hotel at 8 p. m. This is the regular meeting night. There will be a fine musical entertainment.

August Poehlmann says that Poehlmann Bros. Co. has 22,000 lily plants at Morton Grove, looking about as well as he could ask.

Wendland & Keimel, at Des Plaines, started February 15 on the erection of three new houses 27x200. Next season they will have 9,000 White Killarney, 18,000 Killarney and one house which may be used either for Richmond or My Maryland.

Emil Buettner will this season add four new houses to his range of 140,000 feet at Park Ridge and also rebuild one of the older houses. He plans to plant 5,000 more White Killarney in the additional space.

Bassett & Washburn have had a big cut of Formosa Easter lilies and while the market was well supplied put a quantity of the greenest in cold storage. Last week when lilies became suddenly scarce they took them out, in splendid condition, and got better prices than the average Easter affords.

WHAT

APHINE

Will do at Public Tests It will do for You

At these demonstrations we proved conclusively that within a very short time it will destroy Black, Green and White Fly, Mealy Bug and Scale.

It is equally effective against Red Spider and Thrips.

Its comparative cost with other insecticides makes APHINE one of the most economical remedies now on the market for greenhouse and outdoor work.

Send for name of nearest selling agent.

APHINE MANUFACTURING CO.
MADISON, N. J.

Mention The Review when you write.

At E. H. Hunt's it is said that the so-called Italian baskets are proving as good sellers as any Easter novelty in years.

Lubliner & Trinz have joined the ranks of the retailers who are advertising in the leading daily paper. Lange set the pace. Now Fleischman, Wittbold and Bohannon are pretty regular advertisers and find it pays, while Samuelson, Smyth and others do something in the publicity line at holiday time.

W. J. Keimel brought home the splendid Killarneys and White Killarneys Wendland & Keimel exhibited at the

CARNATIONS

Our Carnation crop is heavy and the quality of the stock is A-No. 1. Prices seasonable. We can quote attractive rates to buyers of 1000 lots.

White Lilac
Fancy Stock, $1.25 a bunch, five bunches for $6.00

Violets
Double or single in quantity. Let us quote you.

Cattleyas
Finest the market affords. $5 00 to $7.50 a doz.

Dendrobiums
Fine Dendrobium Formosum, $2.00 to $5.00 a doz.

Gardenias
A steady supply; $2.00 to $4.00 a doz.

Bulb Stock
Everything in quantity—quality excellent.

ALL ROSES ARE AGAIN IN ABUNDANT SUPPLY

Remember Easter is Only Four Weeks Away

Our supply of Roses, Carnations and Bulb Stock will be large and we would like to book your orders now.

If you haven't our Catalogue handy—a complete line of Supplies—send for it.

A. L. Randall Co.

Wholesale Florists L. D. Phone Central 1496 Private Exchange all Departments 19-21 Randolph St., Chicago

Mention The Review when you write.

BEAUTIES

We have taken care of all our orders for Beauties during the **lean** season and we can do it yet.

Brides, Maids, Violets, Carnations, Bulb Stock

Large Supply—Lowest Market Prices—Send Along the Orders

Vaughan & Sperry, 52-54 Wabash Ave., Chicago

Mention The Review when you write.

State University Tuesday and Wednesday of last week and up to Saturday they stood on the counter at E. C. Amling's.

A talk by William A. Peterson on the influence of religion on modern business life constituted the Sunday evening service at the Sixth Presbyterian church February 20.

Webb Randall is suffering with rheumatism in his right knee.

T. J. McNally, who formerly conducted an undertaking establishment at 477 Wabash avenue, has opened a flower store at the same address.

Frank Johnson, of the A. L. Randall Co., is in Minneapolis and St. Paul this week.

A. L. Vaughan, of Vaughan & Sperry, is serving on jury in Judge Honore's court.

E. E. Pieser says the Kennicott Bros. Co. had one of the largest Sundays on record February 20, the sales for the half day equaling those for the entire day on Saturday.

Henry Van Gelden, who handles plants as well as cut flowers at the Percy Jones stand in the Flower Growers' Market, says the retailers used a large number of aucubas as a substitute for cherry trees for their Washington's birthday dinner decorations.

Mrs. Ellis, wife of the senior member of the old firm of Ellis & Pollworth, Milwaukee, is now employed by Mrs. Frank Williams at the Atlas Floral Co.

Winterson's Seed Store says the call for King Humbert canna is something remarkable.

Wietor Bros. report the Mrs. Jardine rose is again coming into crop in fine shape. They plan to plant it much more heavily next year.

Kyle & Foerster report that there was a fire February 21 at the establishment of E. H. Meuret, Park Ridge, Ill.

George Poehlmann's daughter is so ill that he has been away from the store for a day or two.

A party of about twenty-five accepted the invitation of the Chicago Carnation Co. to visit Joliet on Washington's birthday. A special car was provided and the train stopped opposite the greenhouses. Luncheon was served and the afternoon spent in looking over the

:: SPRING FLOWERS ::

Long-stemmed Sweet Peas, Jonquils, Daffodils, Tulips—all colors

WE OFFER

AMERICAN BEAUTIES, extra quality. **RICHMOND,** splendid stock.
BRIDE and MAID, none better. **KILLARNEY,** extra fine.
CARNATIONS, the stock that fears no competition. **VALLEY,** all the year round. Of course we can furnish all other seasonable flowers.
VIOLETS, double, **home grown**—they have a Violet odor.

We have plenty of Asparagus Strings and Smilax. Headquarters for Fancy Ferns.

HOLTON & HUNKEL CO.

462 Milwaukee Street, MILWAUKEE, WIS.

The best-equipped Wholesale House in the West

Mention The Review when you write

place. Needless to say, everything was found in good shape, in spite of the fact that they have been taking cuttings heavily of late.

L. Coatsworth is on the Pacific coast.

C. W. McKellar says the supply of gardenias has increased in common with everything else, and prices have fallen. Cattleya Schroederæ is now in crop.

John Sinner picked up a bargain in the sale of the Benthey-Coatsworth fixtures, securing the typewriter and desk.

Richard F. Gloede fell on the ice at Evanston February 7, splitting his shoulder blade and breaking his collar bone. He is recuperating as rapidly as possible under the circumstances.

Visitors.

There have been more than the usual number of visitors in town this week.

Wesley Waite, of the Newburgh Floral Co., Newburgh, N. Y., was here showing a model of his newly patented steel bench, and reports growers interested.

O. F. Olson, of Holm & Olson, St. Paul, was engaged in getting estimates on material for a range of seven new greenhouses.

Dr. D. C. L. Mease, president, and Louis Bauscher, secretary and manager, of the Freeport Floral Co., Freeport, Ill., were looking up material for three more houses.

Other visitors were E. H. Michel, St. Louis; F. F. Scheel, Shermerville, Ill.; Charles Spickerman, Sandwich, Ill.; F. W. Creighton, representing A. T. Boddington, New York; Peter Obertin, Kenosha, Wis.; C. C. Pollworth, Milwaukee; H. H. Ritter, Dayton, O.

Bowling.

The Florists' League scores for the evening of February 17 were as follows:

Roses.	1st	2d	3d	Orchids.	1st	2d	3d
Fischer	150	166	206	Huebner	152	177	182
Goerisch	144	134	135	Graff	96	150	138
Lormer	151	114	167	Vogel	99	97	117
Pieser	89	141	148	Asmus	140	144	173
Foerster	215	196	163	J. Zech	163	116	141
Totals	749	751	810	Totals	650	684	701

Carnations.	1st	2d	3d	Violets.	1st	2d	3d
A. Zech	155	172	136	Bergman	149	150	129
Farley	157	164	146	Johnson	169	204	153
Krauss	134	147	108	Kruchten	136	165	109
Pasternick	157	143	194	Lieberman	150	145	110
Ayers	159	127	125	Yarnall	170	158	155
Totals	762	753	709	Totals	774	822	656

WESTERN

ORCHIDS

Chas. W. McKellar

51 Wabash Avenue, CHICAGO

Headquarters

Cut Flower Price List

Taking effect Monday, February 28, 1910,

ORCHIDS—Cattleyas, lavender	Per doz.	$ 6.00
Gardenias	Per doz., $2.00 to	4.00
AMERICAN BEAUTY—Specials	"	5.00
30 to 36-in.	"	3.00 to 4.00
20 to 24-in.	"	2.00 to 2.50
15 to 18-in.	"	1.25 to 1.50
Shorter	"	.75 to 1.00
Killarney	Per 100,	4.00 to 10.00
My Maryland	"	4.00 to 10.00
Richmond	"	4.00 to 10.00
Mrs. Field	"	5.00 to 10.00
Bridesmaid	"	4.00 to 10.00
Bride	"	4.00 to 10.00
ROSES, our selection, mixed	"	4.00
CARNATIONS		
Select	Per 100,	$ 1.50 to $ 2.00
Fancy	"	3.00
MISCELLANEOUS STOCK		
Violets, double and single	Per 100,	.50 to .75
Valley	"	3.00 to 4.00
Easter Lilies, Callas	"	10.00 to 12.00
Sweet Peas	"	1.00
Paper Whites and Romans	"	3.00
Jonquils, Daffodils, Tulips	"	2.00 to 4.00
Mignonette	"	4.00 to 8.00
Freesia	"	3.00 to 4.00
DECORATIVE		
Asparagus Plumosus	Per bunch and per string,	.50 to .60
" Sprengeri	per bunch,	.35 to .75
Adiantum	Per 100,	.75 to 1.00
Farleyense	"	10.00
Smilax	Per doz., $1.50	
Mexican Ivy	"	1.00
Ferns	Per 1000, $2.00 "	.25
Galax, green and bronze	Per 1000,	1.00
Leucothoe	Per 100,	.75
Wild Smilax	Large cases	5.00
Boxwood	Per bunch, 25c; per 100 lbs.,	15.00

Store open from 7 a. m. to 6 p. m. Sundays closed at noon.

Subject to market changes

Green Carnations

I handle the genuine green dye in powder form, which is easily diluted in water, and gives the flowers a rich Emerald green, the true Irish color. Put up in convenient packages for mailing. If you have never used my dye, send 25c and receive a sample package that will color 100 carnatio ns Three packages for 60c; $2.00 per doz.; 2c stamps accepted I also handle the liquid dye, per quart, by express, $1.00.

CHAS. W. McKELLAR

51 Wabash Ave., CHICAGO

Mention The Review when you write.

Westbrook, Me.—The Hannaford Flower Store has undergone extensive repairs and will be known hereafter as the Minnehaha Store. N. W. Hannaford, the proprietor, has greenhouses at Gorham and recently opened a store in Portland.

Portland, Me.—Nathaniel W. Hannaford, who has greenhouses and stores at Gorham and Westbrook, has now opened a branch store in this city. The new store is located in the Wadsworth building, at 30 Preble street, and will be known as the Hiawatha Flower Store.

Poehlmann Bros. Co.

Office and Salesroom, 33-35-37 Randolph St.

Long Distance Phone Randolph 35 **CHICAGO, ILL.**

Spring Crops Are On

Production has, with us, increased tremendously, but there is no change in the quality. At all seasons of the year

OUR STOCK IS IN A CLASS BY ITSELF

While there are no Roses or Carnations to compare with our best grades, we can supply shorter roses at prices as low as asked by any other house.

No order too small to receive our careful attention.

Orchids—Special fine Cattleyas, $6.00 to $7.50 per doz.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra Long	$6.00
36-inch	4.00
30-inch	3.00
24-inch	2.50
18 to 20-inch	1.50
15-inch	1.25
Short stem, per 100, $4.00 to $6.00	

ROSES	Per 100
Maid, Bride, Perle, select	$10.00
" " " long	8.00
" " " medium	6.00
" " " short	4.00
My Maryland, extra select	$12.00 to 15.00
" long	10.00
" medium	6.00 to 8.00
" short	4.00
Richmond, Killarney, W. Killarney ....select	12.00 to 15.00
" " " long	10.00
" " " medium	6.00 to 8.00
" " " good short	4.00
Good short stem Roses	4.00

Our Extra Special grade of Roses charged accordingly.

CARNATIONS	Per 100	
Extra fancy		$ 3.00
First quality		2.00
Splits		1.50
HARRISII		15.00
TULIPS		4.00
DAFFODILS, JONQUILS	$3.00 to	4.00
SWEET PEAS	.75 to	1.00
VALLEY	3.00 to	4.00
VIOLETS	.60 to	.75
MIGNONETTE, large spikes		4.00
FREESIA		3.00
ADIANTUM		1.00
ADIANTUM CROWEANUM, fancy		1.50
SMILAX	per doz., $2.00	
SPRENGERI, PLUMOSUS SPRAYS	3.00 to	4.00
PLUMOSUS STRINGS	each, 60c	
FERNS	per 1000, $2.00	
GALAX	" 1.00	
LEUCOTHOE	" 7.50	1.00
Wild Smilax	per case 5.00	

SUBJECT TO CHANGE WITHOUT NOTICE

POEHLMANN'S FANCY VALLEY
EXTRA FINE HARRISII LILIES

We make these a specialty.
Can supply them all the year.
Once tried you will have no other.

Mention The Review when you write.

ST. LOUIS.

The Market.

There is not much to say of the business done last week in either retail or wholesale circles. The cut flower trade was greatly curtailed by the cold weather and big snowstorm which lasted two days last week. Monday, Valentine's day, the business was good from all reports, but the rest of the week the bottom dropped out entirely among the retailers. The wholesalers also had their troubles in disposing of their large consignments, which they were receiving daily. Everything is plentiful and we might say that carnations, violets and sweet peas are a glut and are being sold at low prices in thousand lots. There were more California violets in the market last week than ever before in any one week.

Roses are becoming more plentiful each day and these, too, will be piling up soon for want of demand. Bulbous stock is as yet not overstocked, still plenty of these are in the market, especially callas and Harrisii. All white stock is in best demand. Smilax and other greens are in fair demand.

Various Notes.

C. Stocke, late foreman for the Michel Plant & Bulb Co., has taken a position with the city forester. In this department all hands have been busy trimming city trees.

Walter Retzer, who left the employ of the Plant Seed Co. recently, is now located in Brownsville, Tex., where he has purchased a farm.

Fred H. Weber reports that he had a most satisfactory Valentine trade and says he disposed of 10,000 California violets on that day.

Ostertag Bros. did a great deal of decorative work at Armory hall last week

Colorado Carnations

We are now getting the best and largest cut we have ever had :: Can fill any order

The Pikes Peak Floral Co.
Colorado Springs, Colo.

Mention The Review when you write.

for the automobile show. They report a big Valentine's day business.

William Winter, of Kirkwood, is cutting an extra fine lot of carnations and California violets. These are being handled by Henry G. Berning.

Carl Beyer and John Connon, who were on the sick list last week, are out again and attending to business as usual.

George B. Windler will, as usual, have a fine lot of extra fine blooming plants for Easter. Mr. Windler has just returned from a pleasant trip to Champaign-Urbana, Ill.

All the downtown florists did a big business with violets for St. Valentine's day and some novel window displays were seen. The Riessen Floral Co., Otto Sander, Grimm & Gorly and the Foster Floral Co. say their business almost doubled that of other years. C. Young & Sons Co. and Miss Teresa Badaracco also had extra business on St. Valentine's day.

The present quarters of the W. C. Smith Wholesale Floral Co. at 1316 Pine street are becoming too small. The crowded conditions and their increasing business warrants them in soon looking for much larger accommodations.

The florists along Grand avenue had the benefit of the crowds attending the automobile show at the Armory hall. Their gaily decorated windows were great attractions and brought them considerable business.

The following members of the Florists' Club attended the annual convention of the Illinois State Florists' Association at Champaign-Urbana last week: President George B. Windler, F. W. Bruenig, J. F. Ammann, E. W. Guy, A. Fehr, H. Blixen and Henry Johann. E. H. Michel also attended. All have returned home much pleased with their trip and in meeting so many friends in the trade.

The St. Louis Horticultural Society's executive board held a meeting at the Missouri Athletic Club Tuesday, February 15. Eight members of the board were present and it was decided not to hold a spring flower show this year. Mr. Nicholson presided over the meeting.

The Ladies' Florists' Home Circle met for their monthly meeting at the Washington hotel, Monday, February 14, over which Mrs. John Steidle presided. There were eleven members present. The chair called on Mrs. J. J. Beneke for something interesting, which she produced in the shape of a game of flowers. All answers had to be the name of a flower, for which she offered a first and second prize. Miss M. Meinhardt won the first prize and Mrs. John L. Koenig, second. The next meeting of the circle will take place March 14, when Miss M. Meinhardt will take her turn with something interesting for the members. The secretary reported the following ladies present: Mrs. John Steidle, Mrs. Otto G. Koenig, Mrs. John L. Koenig, Miss M. Meinhardt, Miss T. Meinhardt, Mrs. Theo. Miller, Mrs. Schitzle, Mrs. H. G. Berning, Mrs. F. C. Weber, Mrs. F. H. Meinhardt and Mrs. J. J. Beneke. The usual lunch was served after the meeting.

J. J. B.

We Are Strong

On all ROSES and CARNATIONS
Quality Unsurpassed

IN ROSES we can furnish Beauties, Mrs. Jardine, My Maryland, Killarney, Richmond, Maid, Bride, Kaiserin, Gate, Perle.

CARNATIONS, leading varieties of excellent quality.

SPRING STOCK

Tulips, Daffs, Jonquils, Narcissi, Valley, Violets, Pink and White Sweet Peas.

GREENS OF ALL KINDS.

J.A.BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

Stonington, Mass.—A large greenhouse is to be built at Farmholme.

ROSES — ROSES

Large cuts of **Killarney, Bride, Maid, Richmond, Uncle John, Field,** etc., also a fair supply of **Beauties** with a big crop nearly ready.
Plenty of fancy **Carnations.**

ROSES, Our Selection, $4.00 per 100

Beauties	Doz.
Extra long	$5.00
36-inch stem	4.00
30-inch stem	3.00
24-inch stem	2.50
20-inch stem	2.00
18-inch stem	1.50
15-inch stem	1.25
12-inch stem	1.00
Short stem	.75

	Per 100
Richmond	$5 00 to $10 00
Killarney	6.00 to 10 00
Chatenay	5 00 to 8.00
Field	5 00 to 8 00
My Maryland	6 00 to 10.00
Uncle John	5.00 to 8 00
Bride	5.00 to 8.00
Maid	5 00 to 8 00
Ivory	5.00 to 8 00
Sunrise	5.00 to 8.00

	Per 100
Gate	$5.00 to $ 8.00
Perle	5.00 to 8.00
Carnations	2.00 to 3.00
Harrisii	15.00
Valley	4.00
Violets	1.00
Adiantum	1.00
Asparagus, per bunch,	.50
Ferns, per 1000,	2.00

PETER REINBERG, 35 Randolph Street, **Chicago**

Mention The Review when you write.

"Sorry We Did Not Order More of You"

That's what we hear from customer after customer. Try us and see for yourself. No house is able to fill every order, but if it is to be had in Chicago **we will get it for you**—and you can maké up your mind that if we don't get it, it is not to be had.

E. H. HUNT

Established 1878. Oldest House in the West Incorporated 1906

76-78 Wabash Ave., Chicago, Ill.

BEAUTIES	Per doz.
30 to 36-inch	$3.00 to $5.00
24 to 30-inch	2.00 to 2.50
18 to 20-inch	1.50 to 2.00
12 to 15-inch	1.25 to 1.50
8 to 12-inch	.75 to 1.00

ROSES (Teas)	Per 100
Bride and Maid	$6.00 to $ 8.00
Richmond, Killarney	6.00 to 12.00
White Killarney	6.00 to 12.00
My Maryland	6.00 to 12.00
Perle	4.00 to 7.00
Roses, our selection	4.00
CARNATIONS, medium	2.00
" fancy	3.00

MISCELLANEOUS	
Harrisii Lilies	12.00 to 15.00
Callas	15.00
Valley	3.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00
Romans	3.00
Jonquils	3.00 to 4.00
Mignonette	4.00 to 8.00
Sweet Peas	.75 to 1.00

GREENS	
Smilax Strings, per doz.,	1.50 to 2.00
Asparagus Strings, each,	.50 to .60
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.35 to .50
Adiantum, per 100,	.75 to 1.00
Ferns, common, per 1000,	2.00
Galax "	1.00
Leucothoe	.75
Boxwood, lb., 25c	
Wild Smilax	$2.50, $3.50 and 4.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write

CINCINNATI.

The Market.

The automobile show at Music hall made quite a stir in cut flowers this week; bunches of American Beauties, Richmond and many violets were carried by the smart set. Thomas Hardesty had the hall decoration and many flattering comments were passed upon his artistic work. Over 100 cases of southern smilax were used. Reports regarding Washington's birthday showed an increase in orders for violets and red carnations. Roses, which have been scarce for a month, came in more freely and the commission houses had about enough to fill orders. Prices range about the same as in the previous week. Carnations are coming in more abundantly, but so far none has gone to waste; there has been an equal demand for all good grades and prices maintained a good average of $2 to $3 per hundred. Bulbous material is quite plentiful and prices are naturally lower. Many sales have been reported at prices as low as $2 per hundred for Paper Whites, daffodils and jonquils. Good grades of violets have realized 50 cents per hundred, but owing to the immense quantity of stock coming in, it will be a hard matter to maintain this price. Callas and Harrisii lilies are more plentiful, at $10 per hundred. Asparagus, smilax and other greens have a good demand. Lily of the valley is not quite so much sought after, as there is a lull in weddings during Lent.

One of the worst snowstorms we have experienced in the last fifteen years came on Thursday, February 17. Over fifteen inches of snow fell during the day and the thermometer dropped to 8 degrees below zero that night, but, up to the present, we have heard of no serious mishap to growers. Weather conditions the first part of this week are ideal for growing stock, it being clear and cold.

Various Notes.

Alex Ostendorf, the genial shipping clerk at McCullough's, was presented by his wife with a live valentine; it's a boy.

H. SCHWARZ.

It is said that the writer of the Cincinnati column was too optimistic in his report on the business for Valentine's day, especially with regard to violets; it is now reported that the wholesalers were unable to clean out and that at least one of them was quite badly stuck after telephoning to about every florist in town offering violets at sacrifice prices. The natural inference is that the retailers also had at least as many as they could sell.

GRAND FORKS, N. DAK.—N. P. Lindberg, of Rugby, N. Dak., has built a new greenhouse here and will make this his headquarters in the future. Mr. Lindberg says that business is good.

Niessen's News Column

ACACIA

Pubescens.

$2.50 per bunch.

For an effect in yellow, it is the choicest novelty, and nowhere is it to be had in such quantity.

Carnations

Good stock, our selection of colors,
$2.50 per 100,
In lots of 500 and over.

They are not the ordinary kind. You will find them different in quality from other carnations offered at that price. Quality is a fact to those who compare. If you seek quality, don't attempt to carry comparison in the eye, but place them side by side. It is the only safe way, for wherever unreasonably low prices are given by skimping quality, you are the loser in the end. Our stock of carnations is mostly of the better varieties.

Easter Lilies

$1.75 per dozen; $12 per 100.

SPRING FLOWERS

	Per 100.
SINGLE DAFFODILS.	
Golden Spur	$3.00
Princeps	2.00
TULIPS	$2.50- 4.00
Tulips, fancy doubles	4.00- 5.00
DAISIES, white	2.00
Daisies, yellow	3.00
VALLEY	3.00- 4.00
FREESIA	2.00- 3.00
SWEET PEAS	.75- 1.00
PANSIES, per 100 bunches	6.00
LILAC, per bunch	1.00

Killarney and Richmond

Quality, beauty and a popular price. You will find the three combined in our medium grades.
$8 to $12 per 100.

ROOTED CARNATION CUTTINGS

See our ad. among the classified ads. Strong, healthy cuttings that we guarantee to give satisfaction.

White Killarney Roses

Plants—Waban Strain.

2-inch pots, per 100 $ 8.00
2-inch pots, per 1,000 70.00

CARNATION DYE

FOR ST. PATRICK'S DAY.

A composition produced by an expert chemist to dye carnations green. Guarantee to give the best results. 50 cents per package.

The Leo Niessen Co.

Wholesale Florists
1209 Arch Street
PHILADELPHIA
Open from 7 a. m. to 8 p. m.

FANCY CARNATIONS

February finds Carnations at their best; all are high grade flowers; the price is extremely reasonable; in fact, we consider Carnations as good value as anything in the market today. We offer the following named varieties as among the best in the market:

Dorothy, deep pink. **Enchantress, soft pink.**
Mrs. Lawson, deep pink. **Winona, bright pink.**
Variegated Lawson, in pink and white. **Victory and Beacon, red.**
And the whites, White Perfection, Boston Market and Queen.
Price, $1.00 to $3.00 per 100. **Special prices on 1000 lots or more.**
Spring Flowers in quantity.
Headquarters for Best Quality Jardine Roses.

W. E. McKISSICK & BROS.

WHOLESALE FLORISTS
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

"It is Lent now." That is the way George Craig describes the situation and I could not put it better. Add to this that the street car men went on strike after Mr. Craig spoke and you will understand why the local business lacks snap. The wholesale houses that cater to the shipping demand are busier than those which depend entirely on this city, for the orders from out of town are coming in well, helping to give tone to a rather dull market.

The immense crop of carnations has worried the wholesalers. They have done their best, but it has been a difficult matter to sell carnations, even at the low prices quoted today. White have been a little more in demand than the colors, with red at the other end. The crop of carnations has been something remarkable, so large as to raise serious apprehensions as to where the carnations the market must have during the next few weeks will be found. The daffodils have been almost as plentiful in a smaller way as carnations; it seemed as though the growers failed to allow for lessened demand during Lent, the heavy crop arriving just about the time that it did last year, only Lent came two weeks earlier this season. The daffodils have been fine. Golden Spur still leads the singles.

The other flowers on the list have been more evenly balanced between supply and demand, excepting Easter lilies and callas, for which there is little call. Killarney is the only rose that is much more plentiful and Killarney is selling so well that prices have been but little affected. There is no special change to note beyond the fact that it takes a better flower to bring the same money than it did two weeks ago.

A Pretty Store.

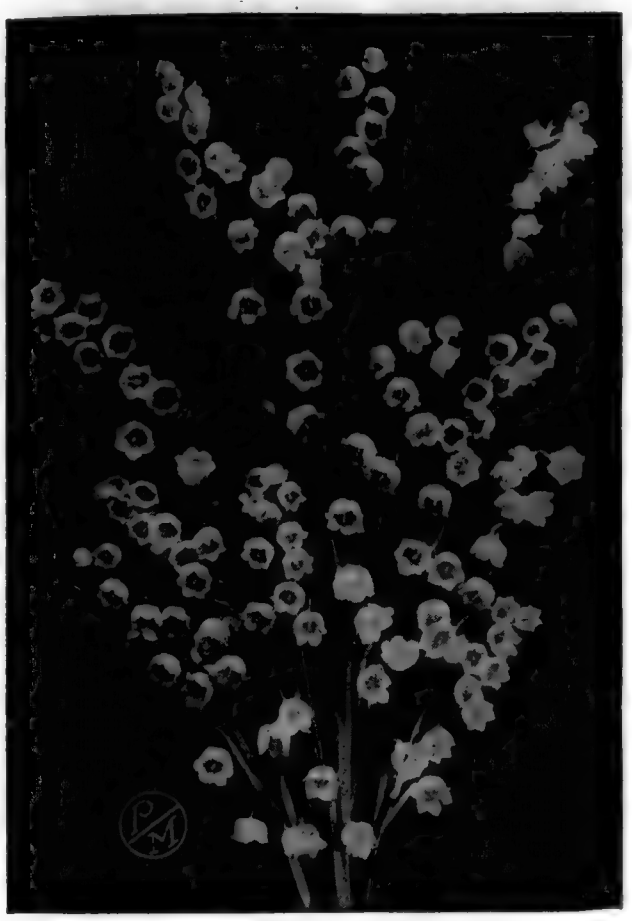
The interior arrangements of the remodeled flower shop of Robert Crawford, Jr., are most pleasing. The general effect is very much the same as before, white and gold mirrors giving an air of brightness that adds to the floral effect. The conservatory in the rear is high, admitting light in spite of the surrounding buildings. Back of the conservatory, across a passageway, is the cooling room, with storeroom adjacent. The total floor space under Mr. Crawford's new arrangements is, he tells me, 100 square feet more than formerly. The electrical arrangements are modern; there are switches for each set of electroliers, while those hung in the conservatory are swinging, to avoid the possibility of breakage when high plants are carried out. Mr. Crawford is enthusiastic over the ventures of his two sons, one in the new flower shop in West Philadelphia, the other in his carnation plant at Secane.

Conservatism.

Edward Reid discussed some of the business problems of the day in the flower world with a clear insight into existing conditions that merits careful attention. Mr. Reid thinks that enthusiasm is universal among florists. It helps them bear the hard knocks, but it leads them into serious errors. Few of the growers, he thinks, know exactly where they stand; after two or three good months they decide to build more greenhouses, without considering that there are few months as good as those in the winter. Then, too, little thought is given to the skill and care required to produce flowers that pay; increase of glass may not mean increase of income; it often means the reverse. Spare no effort to get more flowers and better flowers from your glass, but go slow in building, is Mr. Reid's idea. And, above all, keep an exact account of revenue and expense, including a percentage for wear and tear on the greenhouses.

Radish Icicle.

Walter P. Stokes believes that French grown radish seed is preferable to the seed grown in this country, because in France the seedlings are always transplanted once, whereas in California they are allowed to sprout and grow and seed unmoved. As an instance of the supe-



VALLEY

PM QUALITY

For the past 25 years the Pennock Brand of Valley has had a national reputation and is still the best production of the many Valley Specialists. It is handled exclusively by us, thousands daily. A shipment will convince of its superiority.

Special.....$4.00
Extra..... 3.00
No. 1..... 2.00

Acacia.....$2.50 per bunch
Single and Double Daffodils, extra choice flowers, $4.00 per 100; choice, $3.00 per 100; $25.00 per 1000.
Sweet Peas, extra long.....$1.00 per 100
Sweet Peas, long and medium..... 50c and 75c per 100
White Lilac.....$1.00 and $1.25 per bunch
Freesia.....per 100, special, $3.00; extra, $2.00; No. 1, $1.50
Easter Lilies.....$1.80 per doz.; $12.50 per 100
Daisies (white)..... $2.00 per 100
Daisies (yellow)..... $3.00 per 100
Mignonette, splendid spikes.....$3.00 and $4.00 per 100
Gardenias.....special, $4.00; fancy, $3.00; 1st, $2.00
Cypripediums.....$1.50 per doz.; $10.00 per 100
Cattleyas.....$7.50 per doz.
Double Violets (Lady Campbell)..... $7.50 per 1000
Single Violets (Princess of Wales and California)..... 5.00 per 1000
2 Killarneys, Maryland and Richmond, special, $15.00; fancy, $12.00; extra, $10.00; 1st, $8.00; 2nd, $5.00.
Beauties..... per doz., special, $7.50; fancy, $6.00; extra, $5.00; 1st, $4.00; 2nd, $3.00

RIBBONS. Some of the choicest novelties, exclusive patterns, an endless variety to choose from. **SUPPLIES OF ALL KINDS.**

——CATALOGUE ON REQUEST——

Open 7 a. m., close 6 p. m. **Not open for business on Sundays** **Not responsible for flowers after delivery to express company**

S. S. Pennock-Meehan Co.

THE WHOLESALE FLORISTS OF

1608-20 Ludlow Street :: :: PHILADELPHIA, PA.

1212 New York Ave., WASHINGTON, D. C.

Mention The Review when you write.

Wilson's Corsage Bouquet Holder



Award of "Highly Commended" at the S. A. F. Trade Exhibition at Cincinnati

Holds Corsage-Bouquets securely and gracefully.
Prevents damage to apparel.
Adjustable to any diameter of bouquet stem.
Adaptable to anything from Violets to Roses.
Does away with corsage pins.
A handsomely silver plated article and ornamental in itself.

Samples to the trade, 25c each, by mail postage paid. By the dozen, $3.00, postage paid. Correspondence solicited.

Address

ROBERT G. WILSON, Fulton St. and Greene Ave., Brooklyn, N. Y.

riority of the French radish, Mr. Stokes quoted the letters of a customer who bought his Icicle radish seed two years ago and last year bought again. This year he wrote: "Please send me the fine radish seed that you sent me two years ago, not the seed you sent me last year; it was not so good." "Now," Mr. Stokes said, "I sent the French seed two years ago; last year the French crop was a failure and I sent California seed in its place; this year we have the French seed again, and it is well worth the small extra cost of a few cents per pound."

Various Notes.

J. Wolff Moore has his new store at 1639 North Broad street in operation. A conservatory, divided from the store by a passageway, will be completed, it is hoped, before Easter. Mrs. Moore's taste adds that touch necessary to produce a pleasing effect.

Victor Dorval and four friends from New York honored us with a visit last week.

Arthur F. MacIver, late with Charles M. Keegan, is now with J. J. Habermehl's Sons at the Bellevue-Stratford.

David Anderson, Garrettsford, Pa., will build two greenhouses, each 25x150, and has given the order to the King Construction Co.

A guest of the Hotel Walton became deranged a few days ago. The final catastrophe was evidenced by his ordering $150 worth of cut flowers from a local florist to adorn his sick room, two days later complaining of their freshness. His gratitude to a friend who had him removed to a sanitarium was expressed in an offer to send the friend's wife $100 worth of cut flowers.

John Ratcliffe, Ratcliffe & Tanner, Richmond, Va., was here last week.

A. Blanc is now with Edward Reid.

Elmer Heatherington toils in pastures that are no longer strewn with flowers.

Frank Palmer is right-hand man for W. W. Crawford in his new West Philadelphia shop. The conservatory is complete, adding a fine effect.

The spring show of the Pennsylvania Horticultural Society will be held in Horticultural hall the third week in March, in conjunction with the convention of the National Gardeners' Association.

PHIL.

BRIGHTON, MASS.—C. E. Holbrow is preparing to erect two houses, 31x225, using the King iron frame construction.

The Florists' Supply House of America

Florists' Easter Baskets

NEW HANDLE POT BASKETS

The prettiest thing out; the size and colors you know; the strong point about our Pot Baskets is that you tell us the size pot you want to put in the basket and we do the rest. Just try us.

FERN BASKETS with pans, Jardinieres in all styles, etc.

LATEST IMPORTATIONS

A new crop of **SEA MOSS** or **JAPANESE AIR PLANT** has just arrived. Everybody wants these graceful little bits of green and enjoys seeing them grow; better order quickly.

IMPERIAL CHINAWARE

Our popular novelty of the season; there is nothing like it for favors and for dinner tables; when you want to make a telling decoration with short stemmed flowers you want Imperial Chinaware, there is no mistake about it.

ST. PATRICK'S DAY HATS

These winsome little chipbraid high hats are just the thing you want for a St. Patrick's Day novelty, used inverted with a tiny pot of shamrock, just the sort of thing people go wild over.

CREPE PAPERS

Accordion pleated in all flower colors, new and fresh, the best investment you can make for increasing the value of your Easter Plants.

Send for our Illustrated Catalogue of everything in Florists' Supplies.

H. Bayersdorfer & Co., 1129 Arch Street, PHILADELPHIA, PA.

Mention The Review when you write.

NEW YORK.

The Market.

The week opens with rain and heavy fogs, after many days of clear, cold weather that has added enormously to the cut flower shipments. There is enough of everything and to spare and the remaining days of Lent probably must pass before any encouraging life can be infused into the situation. Lent itself does not seem to affect the gayety of the four hundred; dinners and receptions are numerous and will be while the winter lasts. Great gatherings of the country's most eminent men celebrated in banquets here the birthday of Lincoln, and other groups the natal day of the father of his country. These depleted the Beauty surplus at any rate, though the flood of other roses seems interminable. Especially may this be said of Maid and Killarney. The street men are again in evidence whenever the weather permits and last week were handling great quantities of valley, violets and carnations, somewhat relieving the situation.

The market has never been so overwhelmed with carnations and, while the quality is perfect, prices at this date have never been so low. The buyer is now the autocrat and what he offers is seldom refused. Lilies are down to about half last week's figure, 6 cents buying the best of them February 19. Gardenias and orchids share in the general depression and violets, the best of them, never rise above 50 cents, while the overflow goes at any price one can get for them. The prices on bulbous stock, especially tulips, are unquotable and only the long-stemmed new varieties of sweet peas seem to be desired. It is hard to conceive of any uplift to the market before Easter and in the meantime everybody seems to be cheerfully making the best of it and waiting hopefully for the good time coming.

BERGER BROTHERS

WHOLESALE FLORISTS

1305 Filbert Street, Philadelphia, Pa.

DOUBLE DAFFS

We receive daily shipments of fine **Narcissus Von Sion**, the best double daffodil, and can fill orders on short notice.

VIOLETS

We have both single and double; our single are equal to (we think better than) any violets in Philadelphia.

SWEET PEAS

We are going to be very strong on sweet peas in all colors during March.

EASTER LILIES

An everyday flower with us; thanks to the enterprise of one of our growers, we can give you fine lilies when you need them.

We want to see you at Thirteen Five Filbert when next you come to town. Be sure to stop in.

Mention The Review when you write.

Various Notes.

Great preparations are being made for the meeting of the American Rose Society in March and a large attendance will be provided for. Chairman Sheridan has issued his invitations to the New York Florists' Club's annual dinner, March 17. The next meeting of the Florists' Club will be rose night, March 14, and a fine exhibit and program will be provided. Many of the visiting conventionists are expected to be present.

The New York and New Jersey Plant Growers' Association will hold its monthly meeting March 1 at 3 p. m., at the office of Secretary W. H. Siebrecht, Jr., 277 Broadway, New York.

George T. Powell, president of the Agricultural Experts' Association of New York, has been giving practical lectures every Tuesday since January 18, that have drawn overflow audiences to hear him at Columbia University.

Headquarters For BULBS



BEGONIAS (Tuberous Rooted)

SINGLE BEGONIAS

	Doz.	100	1000
Orange	$0.40	$2.75	$22.50
Scarlet	.40	2.75	22.50
Pink	.40	2.75	22.50
White	.40	2.75	22.50
Yellow	.40	2.75	22.50
Mixed	.35	2.50	21.00

DOUBLE BEGONIAS

	Doz.	100	1000
Crimson	$0.65	$4.75	$37.50
Scarlet	.65	4.75	37.50
Pink	.65	4.75	37.50
White	.65	4.75	37.50
Yellow	.65	4.75	37.50
Mixed	.50	3.75	33.00

GLADIOLUS

All Gladiolus offered by us are large blooming sized bulbs.

	Per doz.	100	1000
America. A beautiful soft pink color	$0.65	$3.75	$35.00
Brenchleyensis. A pure scarlet	.20	1.25	12.00
Canary Bird. Exquisite light yellow	1.00	7.50	70.00
Columbia. Deep scarlet, marked black	.40	2.00	18.00
Eugene Scribe. Rose-shaded carmine	.60	3.75	35.00
Glory of Brightwood. Beautiful scarlet with lemon-shaded throat	.60	4.50	40.00
Klondyke. Yellow with crimson blotch. An exquisite new sort	.65	4.50	42.50
Little Blush. Beautiful blush white	.50	3.50	30.00
May. White penciled crimson	.25	1.60	15.00
Princeps. Dazzling scarlet, white markings on lower petal	1.40	10.00	90.00
Shakespeare. White carmine, blotched pink	.75	5.50	50.00
Senator Volland. Blue, blotched violet, stained yellow, with a blue stripe, very odd combination	1.00	6.75	65.00
White and Light. (Special florists' mixture)	.40	2.50	20.00
Pink and Rose	.25	1.50	12.00
Scarlet and Crimson	.25	1.25	10.00
Striped and Variegated	.30	2.00	19.00
White and Light Shades	.25	1.75	15.00
Yellow in All Shades	.45	3.25	30.00

Gladiolus in Mixture

1st size bulbs only.

Childsii. A distinct mammoth type	.30	1.75	16.00
Extra Choice Mixed. All colors	.20	1.25	10.00
Fine Mixed. All colors	.15	1.00	8.00
Groff's New Hybrids. Extra fine	.25	1.50	12.50
Lemoine's Butterfly. Brilliant varieties	.25	1.50	14.00
Michell's Giant Flowering Mixture	.30	2.00	17.50

25 at 100 rate; 250 at 1000 rate.

GLOXINIAS

Red and Scarlet	.60	3.75	32.00
Blue	.60	3.75	32.00
Bordered Scarlet	.60	3.75	32.00
Bordered Blue	.60	3.75	32.00
Spotted	.60	3.75	32.00
White	.60	3.75	32.00
Choicest Mixed	.50	3.50	31.50

TUBEROSES

Our Tuberose Bulbs are all hand selected and are entirely reliable, blooming the first season.

Mammoth Pearl. Pure white	.20	1.00	9.00

Write For Our Wholesale Catalogue.

HENRY F. MICHELL CO., Seed Growers and Merchants, Market St. above 10th St., **PHILADELPHIA, PA.**

Mention The Review when you write.

Blunder Ribbons

are usually cheap Ribbons that look all right until you use them with your decorations, and then you wish you had something different. Something different in Ribbons, are the qualities that bear THE PINE TREE LABEL. These are the Ribbons for **Novelty Decorations, Funeral Decorations, Banquets, Weddings, etc.;** they are rich toned Ribbons, have a high luster, are soundly constructed and yet they often cost little more than these Blunder Ribbons.

You will find it pays to use the best Ribbons, especially when you can get them at our close quotations direct from the mill.

The Pine Tree Silk Mills Company

Philadelphia

806-808-810 ARCH STREET

These will be continued every week until the middle of April.

H. A. Bunyard is back from his western trip.

Jury duty has laid its hand on many of the wholesalers during the last three weeks. Fortunately the obligations will all be out of the way during the dull season.

Robert Wilson and C. Weber are enthusiastic over the prospects of their new pink carnation, Brooklyn.

John Young has given up the office in the Childs building and his New York headquarters will be with Traendly & Schenck, who handle the cut of Beauties from his big plant at Bedford Station.

F. H. Henry, of Henry & Lee, is back again at his desk, after a visit of many months, with his family, in Japan.

Mrs. Millang, mother of the quartette of wholesalers, Charles, Frank, August and Joe, recently had a serious fall and has been in the Long Island hospital, where Mrs. Charles Millang also was recovering from an operation. Both are now restored to health.

Mr. Watkins, with W. E. Marshall & Co., who has been ill since January 22 with inflammatory rheumatism, is recovering and is now at the office of the firm. W. E. Marshall is back from a successful month's trip in the west.

Recent visitors in the city were: J. F. Huss, of Hartford, Conn., superintendent for J. J. Goodwin; J. Fehrlin, who has resigned his position at Catasauqua, Pa., and is now superintendent for J. P. Morgan, Jr., of Glen Cove, N. Y.; A. Mason, superintendent for O. H. Payne, of West Park, N. Y.; and Charles R. Russell, superintendent for W. P. Hamilton, of Sterlington, N. Y.

The projected reunion of the old employees of Pitcher & Manda has assumed definite form, and a meeting, to

Western Florist Supply House

Save freight and expressage by buying near home.

LARGE SUPPLY OF

Seasonable Stock

Now ready for prompt delivery.

Write for our new price list

THE BARTELDES SEED CO.

DENVER, COLO.

be called by H. W. Merkel, secretary pro tem., will shortly take place. A. T. Boddington is president of the organization.

There was a birthday reunion at Mr. Kervan's February 21; he was 66 years old.

A. J. Guttman was ill for three days last week.

Kessler Bros. have purchased Emil Savoy's new fern, a sport of Boston, which Mr. Savoy has grown during the last two years. There is sufficient stock for 20,000 plants. The variety is distinct, of compact growth, vivid green, with strong, narrow fronds, hardy and lasting. Kessler Bros. will exhibit it at the rose show and at the next meeting of the Florists' Club.

E. H. Behre has taken the J. M. Lyons place at Madison, where roses are grown. Moore, Hentz & Nash handle Mr. Behre's shipments.

Victor Dorval, of Woodside, is shipping to Walter F. Sheridan.

Moore, Hentz & Nash have offered a silver cup valued at $50 for a unique competition at the rose show next month. The exhibits are to consist of only six roses, two white and four colored. The prize is an extremely valuable one in comparison with the value of the stock required to make an entry; it therefore is expected that about everyone in town will put up the best six flowers he is able to pick out March 16.

Bowling.

Last week at Flatbush, Astoria won seven of the eight games played. The Astorias will probably be represented at Rochester by Siebrecht, Donaldson, Miesem, Kessler and Donaldson, or Siebrecht, Jr. Miesem has broken the season's record with a score of 245. The scores February 14 were:

Player.	1st	2d	3d
Siebrecht, Sr.	172	149	163
Siebrecht, Jr.	179	148	147
Miesem	171	245	174
Lorenz	132	172	139
Jacobson	146	138	153
Doerhoefer	155	149	143
Doerhoefer, Jr.	126	116	134
Siebrecht, H.	160	141	165
Einsman	161	168	161

J. Austin Shaw.

NEW BEDFORD, MASS.

Various Notes.

At the regular meeting of the New Bedford Horticultural Society the following officers were elected for the ensuing year: President, Frank C. Barrows; vice-president, John P. Rooney; secretary, Wm. H. Richardson; treasurer, Walter A. Luce; executive committee, James McVicker, H. A. Jahn, Edw. E. Pierce, Richard Parkinson, Geo. H. Saltus, W. D. Hathaway, Albert Peters and John P. Rooney. The committee is planning for the fall show, which will, without doubt, be one of the best ever held in Massachusetts, introducing many new features.

W. F. Turner & Co. have received a letter from Curt Engelhard, secretary of the National Dahlia Society in Germany, to whom Turner & Co. sent some of their novelties in the spring of 1909. Among other things the letter says: "As to Ruth Forbes, I mean this is a really first-class novelty. I showed a fine vase at the dahlia novelty show at Hanover and everybody admired the pretty flowers. The form of the flower is just fit for our taste, the lovely lilac-rosy color with a light hue of blue insinuates in the daylight and under artificial light the effect is indescribable. Very long and wire-like stems carry the flower well above the foliage, and I am quite sure that Ruth Forbes will soon be praised by every dahlia friend, the first useful cactus dahlia from America, and I dare say, raiser and introducer can be proud."

William P. Peirce is still handling nice violets from Mr. Briggs, who intends to enlarge his greenhouse the coming year.

Peter Murray is picking some nice Winsor carnations.

R. H. Woodhouse is handling some elegant bulb stock.

E. Y. Peirce has some nice Harlowarden and Boston Market carnations.

E. H. Chamberlain reports a good demand for daffodils. W. L.

Wellesley, Mass.—Alexander G. Lake has been adjudged a bankrupt, with liabilities amounting to $7,526.83, and assets, $153.



Cut Flower and Design Boxes

All sizes, lowest prices

Write

C. C. POLLWORTH CO.

MILWAUKEE

Mention The Review when you write

Cut Flower Boxes

WATERPROOF, Corner Lock Style

The best and neatest Cut Flower box on the market today.

No. 0	3x4x20	$1.90 per 100
No. 1	3x4½x16	1.75 per 100
No. 2	3x6x18	2.25 per 100
No. 3	4x8x18	2.60 per 100
No. 4	3x5x24	2.50 per 100
No. 5	4x8x22	3.00 per 100
No. 6	4x8x28	4.00 per 100
No. 7	6x16x20	4.50 per 100
No. 9	5x10x35	6.00 per 100
No. 10	7x20x20	6.25 per 100
No. 11	3½x5x30	8.25 per 100

This list will cancel all former lists.

The above is a complete list of all sizes of boxes we manufacture. We cannot furnish other sizes.

Add 50c for printing on an order for 100 boxes, and 75c for 200 boxes. No charge for printing on an order of 300 boxes or over of assorted sizes. Sample cardboard free on application. Terms, cash with order. Order by number only.

LIVINGSTON SEED CO.

COLUMBUS, OHIO

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THE HOME OF

HIGH-GRADE, WATERPROOF

Flower Boxes

We manufacture and carry in stock the most complete line of Flower Boxes. Our prices are attractive; our deliveries are prompt; our stock is the best.

Samples and prices sent on application.

A. A. ARNOLD

16-22 S. Peoria Street, CHICAGO, ILL.

Mention The Review when you write.

"Florists' Favorite" Cut Flower Boxes

Very Neat Manila Boxes—White Inside
All Boxes Full Telescope

The following sizes are carried in stock and immediate shipment will be made.

	Per 100
20x4x3	$2.25
18x5x3	2.25
24x5x3½	3.00
21x7x3½	3.25
28x8x4	4.50
30x5x3½	3.75
36x6x5	6.50

Printed free in lots of 300 or more; 50c per 100 additional in less quantity.

Design Boxes. Heavy Manila; white inside; made up full telescope—therefore strong and serviceable. A good shipping box.

	Per 100
16x16x8	$ 8.00
18x18x8	9.00
20x20x8	10.00
24x24x8	12 50
36x14x10	16.50
36x10x6	9 00
30x12x7	8.50
28x12x4	6.50
24x18x8 Pillow box	12.00
20x15x8 " "	10.00

10 per cent discount will be made in lots of 1000 or more assorted sizes. Other sizes can be furnished on special order if the quantity will warrant it.

Samples of stock on request. Terms cash with order. Prompt shipment our hobby.

Freight prepaid to any station east of the Mississippi River on all orders amounting to $15.00 or more.

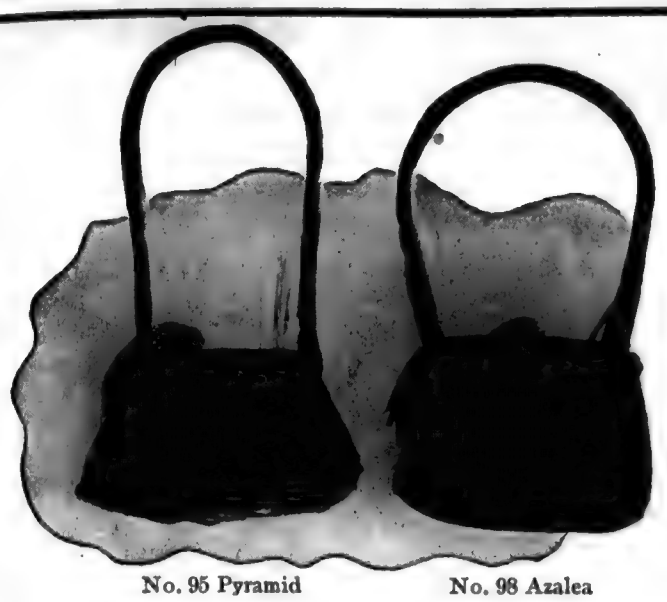
CLIMAX MANUFACTURING CO.

Box No. 200, CASTORLAND, N. Y.

New York Office: 20 E. 42nd Street

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No. 95 Pyramid No. 98 Azalea

Florists' Baskets

Our baskets help make business for you. We manufacture nothing but baskets, over two hundred styles. The demand for funeral baskets is growing and to get the orders you must have the baskets.

Order now. Any that do not please you may return.
Send for Illustrated Catalogue.

Madison Basketcraft Co.
MADISON, OHIO

Mention The Review when you write.

Krick's Florist Novelties

Krick's Letters THE BEST.

Manufacturer and patentee of the Perfect Adjustable Pot Hanger and Handle, Perfect Adjustable Plant Stands, and the Original Genuine Immortelle Letters, Etc. (every letter marked). Send for price lists. Sample pair of Pot Handles, 10c postpaid. Just the thing for plant growers; will sustain a weight of 100 lbs.

1164-1166 Greene Ave., BROOKLYN, N. Y.



Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of

Cut Flowers

51 Wabash Ave., Chicago

PRICE LIST

	Per doz.
AMERICAN BEAUTY	
Extra long stems	$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
8-inch stems	.75

	Per 100
Bride	$6.00 to $8.00
Bridesmaid	6.00 to 8.00
Killarney, extra fancy	10.00
" fancy	8.00
" good	6.00
White Killarney, fancy	10.00 to 12.00
" " good	6.00 to 8.00
Mrs. Jardine, extra fancy	10.00
" " fancy	8.00
" " good	6.00
Richmond, fancy	8.00
" good	5.00 to 6.00
Uncle John	6.00 to 8.00
Perle	8.00
Roses, our selection	**4.00**
CARNATIONS, fancy	3.00
" good	2.00
Valley	4.00
Adiantum	1.00
Easter Lilies	per doz., $2.00
Sprengeri, bunch,	$0.50 to .75
Ferns	per 1000. 2.00
Galax	" 1.00 to 1.50

All other stock at lowest market rates.
No charge for packing.
Prices subject to change without notice.

Mention The Review when you write.

TORONTO.

The Market.

Business is good in nearly all lines. Funeral work is plentiful, nearly everyone getting a good share. Carnations are plentiful and good. Roses are scarce, but violets, hyacinths, tulips, daffodils and freesias are in good supply and sell well. Cattleyas are about equal to the demand. Plants are the only things that seem to hang, and quite a number of primulas and cinerarias are to be seen in the grocery stores at prices on which there can be no profit to either the grower or retailer.

Carnation Exhibition.

The annual carnation exhibition, under the auspices of the Toronto Agricultural Society and the Toronto Florists' and Gardeners' Association, was held February 18 and brought out a fine lot of well grown stock. There was only one prize offered, a gold medal for the best vase of carnations, any variety, and it was won by the Joseph Heacock Co., Wyncote, Pa., with a fine vase of Dorothy Gordon, which arrived in grand shape and it certainly appears to be a good thing. Dorothy Gordon was the only new one to reach Toronto the day of the exhibition. Mary Tolman, from Hunt Bros., got here Saturday, February 19, about 10 a. m., and Toreador about 5 p. m. Both were in excellent condition and look to be good ones. The former was shown in Dunlop's window on Yonge street and probably received more attention and notice there than it would have had at the show. Toreador was to be seen at Dillemuth's on King street, and it certainly appeared to advantage.

The Dale Estate, Brampton, made a fine show with large vases of Enchantress, White Enchantress, Rose-pink Enchantress, A. Carnegie, Perfection, Winsor, and also some fine roses in Bride, Maid, Richmond and Killarney; also some grand valley and violets and four vases of Narcissus Victoria, the latter being much admired.

T. Manton had a group of orchids and ferns that were a great attraction; some fine plants of Dendrobium formosum giganteum and D. Wardianum and also some cattleyas, with a splendid show of blooms.

W. Fendley, of Brampton, had some fine carnations, valley and violets, the latter being his specialty.

Dunlop's, Toronto, had some splendid carnations.

The Allan gardens had a group of primulas, cinerarias, begonias, azaleas, genistas and foliage plants in a fine arrangement.

Wm. Jay & Son showed a fine group of ferns and dracænas, all well grown.

J. McVittie, gardener for Sir Henry Pellatt, had a group of cinerarias, obconicas, Begonia Gloire de Lorraine, and some cattleyas and foliage plants that were worthy of the special award of merit which was given to them.

Various Notes.

The florists in North Toronto are greatly interested in a strike of natural gas up there. Tom Manton is thinking of boring a well close by his greenhouses, as they have a good flow at one about 400 yards away. He is already counting how much he will save next winter on coal and how much warmer he will keep the houses.

Dillemuth, the King street florist, is planning extensive garden operations at his summer residence on the island. He expects to be able to supply both his stores with asters and other outdoor summer flowers from there.

Dunlop has one house of Lilium longiflorum that would be hard to beat. Roses also look fine here.

W. E. MacKay, Dundas street, has some good marguerite plants that will be right for Easter. Lilies also are in good shape here.

D. Cooper reports lots of funeral work. He is planning to build a greenhouse in the rear of his store on Dundas street.

The Steele-Briggs Seed Co. is busy with gardeners' orders and reports a large increase in sales in this line.

MAC.

BOSTON.

The Market.

A somewhat improved tone characterized last week's market and flowers sold out much better. While the tendency in some cases was towards slightly lower prices, this is not to be wondered at with increasing supplies, and the arrival of Lent. Roses continue to sell well and there has been no surplus of them. Kil-

CYACEINE FLOWER COLORING

Is simply mixed with water and absorbed through the stem, showing in the flower in fifteen or twenty minutes. It **COLORS** and **PRESERVES** and **IS NOT POISONOUS** to anyone who might hold a flower in their mouth.

Any of the following colors by mail **20c per quart** St. Patrick Green, Pink, Orange, Blue, Yellow, American Beauty

Whenever you want to color flowers look up my classified advertisement in the Review. It's there every week in the year under the head "Flower Coloring."

Remit with order—cash or stamps—I prepay postage. Orders promptly filled.

C. R. CRANSTON, 73 Fifield Avenue, Providence, R. I.

Mention The Review when you write.

GREEN CARNATIONS

DON'T Be Fooled Again Buy from The Originator not the Imitator

FOR ST. PATRICK'S DAY. I send you, postpaid to any address, enough pulverized coloring to make one quart of the strongest liquid dye for $1.00; enough for one gallon, $3.50. I guarantee my goods to be the coloring and does the work satisfactorily.

ORDER NOW Directions with each box **FRED GEAR** FREE SAMPLES (Originator of Green Flowers)

1113 VINE STREET, CINCINNATI, OHIO

Mention The Review when you write.

larney and White Killarney continue to be the great sellers. Carnations are a little lower in price, but, all things considered, are cleaning up well. Violets are becoming more abundant each week; fancy singles make 75 cents per hundred, but the general average is 30 cents to 50 cents. The singles are of exceptional quality now. Narcissus of the various Trumpet varieties are in oversupply. Hyacinths do not move well and tulips are also in heavy supply. Few Paper Whites and Roman hyacinths now remain.

There are plenty of excellent lilies. Those of the Formosum type are selling well. The speciosums move more slowly. Lily of the valley sold well last week, but is now quieter. Bachelor's buttons, calendulas, myosotis, English primroses and other miscellaneous flowers are in considerable demand. Some fine antirrhinums are coming in. Freesia is still seen, but is becoming of poor quality. Marguerites are rather more plentiful, but sell well and there is a fair call for green stock. Cattleyas are less plentiful, but Cœlogyne cristata, dendrobiums and cypripediums are in quite good supply. An increasing call for flowering plants is noted. Of these cyclamen, prunus, lilacs, Baby Rambler roses, ericas, genistas and acacias are most in evidence, with plenty of tulips and narcissi in pans.

Dinner to J. W. Duncan.

About fifty friends of J. W. Duncan met at the Parker House, Saturday evening, February 19, and tendered him a complimentary farewell banquet. Those present included many of the leading florists, gardeners, seedsmen, park and cemetery superintendents near Boston; F. C. Green and T. McCarthy coming from Providence, R. I., and George Gordon, under whom Mr. Duncan first found employment in America, came from Beverly Cove.

J. K. M. L. Farquhar acted as toastmaster, and addresses eulogistic of the guest of the evening, regretting his departure from Boston and wishing him every success in his new and broader field at Spokane, Wash., were made by many of those present, including T. McCarthy, Andrew Christensen, F. C. Green, Robert Cameron, K. Finlayson, D. Finlayson, Peter Fisher, William Sim, James Scorgie, H. Wilson Ross, James Wheeler, T. H. Westwood, E. J. Rogean, R. W. Curtis, W. N. Craig, George Gordon, James Farquhar, David Weir, T. J. Grey, Peter M. Miller, M. A. Patten, A. Leuthy, George M. Anderson and J. T. Butterworth. The latter, who is of a poetical turn of mind, gave impromptu some choice verses appropriate to the occasion.

Mr. Duncan feelingly and appropriately thanked those present for the honor conferred upon him and expressed the hope that he would be able to see some of them at Spokane in the near future. The committee having charge of the banquet, which was arranged for on short notice, were Robert Cameron, J. K. M. L. Farquhar, P. M. Miller and Thomas Pegler. The last named gentleman was called by telegraph to New York owing to the serious illness of a near relative and was unable to be present.

Mr. Duncan leaves for Spokane February 24. Mrs. Duncan and daughter will follow about the end of April.

Green Carnations

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages, 60c; $2.00 per doz. 2c stamps accepted.

LOUIS ELSASS, Chillicothe, Ohio

Club Clippings.

In the discussion on S. J. Goddard's paper at the club meeting February 15, the lecturer said he tried to keep all his carnation houses at 52 degrees at night, 58 degrees on dull days and 65 degrees on bright days. Asked as to the best six varieties of their respective colors, he said he would select Winsor, Pink Delight, Helen Goddard, Beacon, Fenn and White Perfection. He considered July the best month to plant the houses, although he had fine Beacons planted in June. Peter Fisher had found that cuttings kept sweeter and longer in a brick than a wooden propagating bench.

The club will hold a field day with W. W. Edgar Co., Waverley, March 19, to see the firm's display of Easter plants.

Emerald Green Carnation Fluid

For St. Patrick's Day Green Carnations Use

AJAX FLOWER DYE

The only Dye on the market that will color a beautiful **Emerald Green** and still allow the flower to retain its natural appearance. Money refunded if not satisfactory. Complete instructions free.

Per quart, by express, $1.00.

WINTERSON'S SEED STORE

45-47-49 Wabash Ave., Chicago, Ill.

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Owing to the lecture hall of the Massachusetts Horticultural Society being rented for the week of the regular meeting in March, the regular monthly meeting will be held March 22, in lieu of March 15.

One of the most eloquent lectures delivered before the Massachusetts Horticultural Society for years, was given February 19 by Glen C. Seavey, of Springfield, Mass., on "The New Agriculture for New England." The lecturer emphasized the necessity for teaching more of the principles of agriculture in the schools. Mr. Seavey said that at present 85.72 per cent of the population of Massachusetts lives in towns or cities with 5,000 or more inhabitants, but a big change is now under way and real estate dealers have a steadily increasing call for New England farms from western people, many from beyond the Mississippi river.

An animated discussion followed the lecture. Robert Cameron paid his respects to the so-called landscape architects and instanced some of their work for rejuvenating the dying elms around Harvard college. He described the ideal country minister as one who could preach

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St. Patrick Green

(The Only True Irish—Grass—Color)

DARK GREEN (The color beautiful)

You have never **seen** a Carnation **Green** unless **you** have used **our** brand. Our coloring is not a **joke,** but is getting the business. It is scientifically prepared and sold under a **guarantee.** Used by the leading florists and dealers throughout the United States and Canada. Sent postpaid on receipt of price, $1.00 the quart. Order your supply **now** for St. Patrick's day.

We make a **Yellow, Blue, American Beauty, Orange, Lavender** and **Pink.** All colors $1.00 the quart, except Blue, which is $1.25, postpaid.

Sample of all colors FREE for the asking.

Burton-Allison Company

84 ADAMS STREET

CHICAGO, ILL., (Formerly St. Louis) **U. S. A.**

P. S. Our CUT FLOWER PRESERVER is used by leading florists. It retains the natural LIFE and BEAUTY of cut flowers from 3 to 5 days longer—in their selling state—than is possible without its use. Price, $12.00 the dozen quarts; sufficient quantity for 1200 gallons of water.

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WHOLESALE

All Decorating Evergreens—Southern Wild Smilax, Fresh Cut Palmette and Cabbage Palm Leaves, fresh cut Cycas, Hemlock, Laurel, Spruce and Boxwood branches; Ropings made on order, all kinds and sizes.

Fancy and Dagger Ferns, Green and Bronze Galax and Leucothoe Sprays, Sphagnum, Dry Green Sheet, Lump and Spanish Mosses. Painted Palmetto, Dyed Sheet Moss, Cocoa Fiber, Birch and Cork Barks, etc., etc.

Greens, Holly, Mistletoe, Pine Plumes. **All Decorating Material in Season.**

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on Sunday, attend a prayer meeting through the week and work a farm successfully during the balance of the week. If the mellow-headed preachers understood more agriculture they would have better congregations, and better feelings all around would exist between them and their parishioners.

Prior to Mr. Seavey's lecture a resolution approving the two-row tree plan for Commonwealth avenue, on a motion by J. K. M. L. Farquhar, was adopted by the meeting. It is to be hoped that the original plan of Frederick Law Olmsted, Sr., and C. S. Sargent will be carried out to completion and that the so-called landscape architects, who are demanding a permanent four-row plan from an artistic point of view, will be relegated to the rear.

Various Notes.

Everything points to a splendid exhibition in Horticultural hall, February 25 to 27, and some choice displays of amaryllis, orchids and other plants will be seen. No one should miss seeing this show, which will take the place of the regular spring show. Carnations promise to be shown in unusually large numbers.

At the club meeting February 15, Robert Main, of Gloversville, N. Y., showed a white seedling carnation, a cross between Boston Market and Genevieve Lord, which the committee thought sufficiently well of to grant a report of merit.

H. W. Peirce, of Peirce Bros., left by steamer February 19, for a trip to Savannah, Ga.

Kidder Bros., of Lincoln, handle quantities of superb Princess of Wales violets, which are finely bunched and easily fetch top market prices.

W. E. Lenk, of Halifax Gardens Co., Halifax, Mass., was in town February 19. His firm, at present, chiefly is growing cucumbers, tomatoes and lettuce in their large area of glass, but they are contemplating planting large quantities of carnations and chrysanthemums next season.

T. F. Galvin at present is handling a fine lot of well flowered Baby Rambler roses, also nice lots of Prunus triloba and lilacs, among other plants.

D. F. Roy, the manager of the Converse estate at Marion, Mass., is at Palm Beach, Fla., with Mrs. Roy on a three weeks' visit.

The Harvard Botanical Gardens are hoping to erect a new and commodious palm house during the present season. Such a house is much needed and we have no doubt the funds for the erection of it will be readily secured.

The H. E. Fiske Seed Co. is handling a fine assortment of bulbs in variety at present, in addition to many other flowering plants.

Sidney Hoffman is showing some splendid specimen azaleas and genistas in his big Massachusetts avenue store. Mr. Hoffman is doing a large and increasing business, due to his carrying first-class goods.

J. F. Flood will take possession of his recent purchase of the David Fisher estate in Woburn, July 1.

The genial Patrick Welch has been on the sick list with the grip, but we are glad to announce he is much better.

William T. Walke, of Salem, has a grand lot of lilies, rambler roses and other Easter stock, which promise to be the finest he has yet grown.

A. Leuthy will be one of the competitive exhibitors at the midwinter show in Horticultural hall this week. Mr.

FANCY FERN Finest Stock FANCY FERN



Per 1000, $1.75. Special price on large lots.

Green and Bronze Galax.....$1.25 per 1000; $7.50 per 10,000
Leucothoe Sprays, green and bronze, $1.00 per 100; $7.50 per 1000
Sphagnum Moss.....per bale, $1.25; 6 bales, $7.00; extra fine.
Boxwood.....per lb., 20c; 50 lbs., $8.50

Full line Cut Flowers at all times.

Michigan Cut Flower Exchange, 38-40 Broadway, **Detroit, Mich.**



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FERNS, GALAX, Etc.



	Per 1000
Fancy or Dagger Ferns	$1.00
Galax, Green or Bronze	.50
Long Green Leucothoe	2.00
Short " "	1.25
Bronze " "	3.00

Prompt service, quality guaranteed

THE MOUNTAIN FERN CO., Butler, Tenn.

Southern Wild Smilax

NOW READY FOR SHIPMENT

Write, wire or phone the introducers

CALDWELL THE WOODSMAN CO.
EVERGREEN, ALA.

Southern Wild Smilax Ferns, Pines, Palms, Holly
Louisville Floral Co., Louisville, Ala.

Leuthy has some fine new azaleas which will be heard from in the near future.

William Nicholson, of Framingham, has a big stock of shamrocks ready for St. Patrick's day. The demand for these plants seems to steadily increase each year.

William Miller, of the Mount Desert Nurseries, Bar Harbor, Me., was among our visitors this week, en route to Philadelphia.

Peter Fisher considers May Day a splendid carnation for all to grow who have a good home trade. With him, it is now running neck and neck with Winona in productiveness. W. N. Craig.

Members of the Massachusetts College of Agriculture short course in floriculture made a trip to Boston, February 18 and 19, in order to visit the big commercial establishments of the florists in that section. The class left Amherst on the 7:54 a. m. train, February 18, and first visited the carnation establishments of William Nicholson and S. J. Goddard, of Framingham. The orchid houses of Mr. Butterworth, in South Framingham, and the Waban Rose Conservatories, in Natick, also were visited. Saturday morning was spent in visiting the Park Street Flower market, the Music Hall Flower market, Galvin's retail store and MacMulkin's retail store. The remainder of the morning was spent at Peter Fisher's place in Ellis, the birthplace of the Lawson, Enchantress, Beacon and several other of our finest varieties of



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New Crop Hardy Cut Ferns

First Quality. Write for Prices

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Brilliant **Bronze Galax**	50c per 1000; $4.00 per case of 10,000
Green Galax	50c per 1000; 4.50 per case of 10,000
Leucothoe, green, standard length	$2.50 per 1000
" " short beauties	1.25 per 1000
" bronze, good length	4.00 per 1000
Dagger and Fancy Ferns	$1.25 per 1000; $5.00 per case of 5000



We can just simply fill your orders and fill them now. Quality always guaranteed.

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Case or carload lots. Get my prices; it will save you money.

WM. MURPHY, 311 Main Street, CINCINNATI, OHIO

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Moss, Laurel, Seed

Green Sheet or **Log Moss,** large pieces, $1.25 bbl.
Laurel Branches for decorating, 2x2x4 ft. case, $2.50 case.
Laurel Stems for roping, large bag, $1.00.
Stone Tomato Seed, 50 cts. pound.
Satisfaction guaranteed.

W. Z. PURNELL, Snow Hill, Md.

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FERNS NEW CROP Fresh from the Patch

	Per 1000
Fancy and Dagger Ferns	$1.00
Bronze and Green Galax	.50
Green Leucothoe Sprays	2.50
Bronze Leucothoe Sprays	4.00
Short Leucothoe Sprays, 12 to 16 in.	1.25

Discounts on large orders. If you want the cream of the season, send orders now. Sixteen years' experience. Send cash with first order.

J. N PRITCHARD, - Elk Park, N. C.

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Bronze and Green Galax

Wholesale Cut Flowers

Everything Seasonable

Headquarters for Ferns, Galax Leucothoe and Wild Smilax, and carry a large supply of the best on hand at all times. We quote the following interesting prices on small or large quantities.

Ferns, fancy and dagger, $1.25 per 1000.
Galax, green and bronze, 65c per 1000.
Leucothoe, green and bronze, 65c per 100.
Wild Smilax, large cases, $4.50 per case.



Fancy and Dagger Ferns

15 Diamond Square, Pittsburg, Pa.

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Ferns——Galax——Moss

New Fancy Ferns
Per 100.....20c Per 1000.....$1.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50

Boxwood
Per bunch....25c Per case of 50 lbs... 6.00

Bronze Galax Leaves
Per 1000.....$1.00 Per 10,000.....$6.00

Green Galax Leaves
Per 1000.....$1.00 Per 10,000..... 7.50

Mexican Ivy
Per 100.....$1.00 Per 1000..... 7.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales, $1.00
In sacks, per sack, $1.00; per 10 sacks, 9.00

Sphagnum Moss
Extra large bales, per bale..... 1.00

Wild Smilax
Per 25 lb. case..$3.00 Per 50 lb. case.. 5.00

WRITE ME FOR SPECIAL PRICES ON LARGE QUANTITIES

Full Line of Cut Flowers and Other Greens Always on Hand.

C. E. CRITCHELL, Wholesale Commission Florist, 34-36 East Third Street, Cincinnati, Ohio

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Fancy or Dagger Ferns

$1.00 per 1000



Tel. Office, New Salem, Mass.
L. D. Phone Connection.

MILLINGTON, MASS.

Galax, bronze or green, $1.00 per 1000.
Sphagnum Moss, 12-bbl. bales for $3.50. Nice stock. Try a bale.
Use our **Laurel Festooning for Decorations,** 4c, 5c and 6c per yard. Made fresh daily from the woods.
Smilax, 50-lb. cases, $6.00. **Pine,** 7c per lb.
Partridge Berries, $2.00 per 1000; 10c per bunch of 50 sprays. Try them; they sell quick.
Laurel Branches, nice large bunch for only 35c. Try them.
Laurel Wreaths, $2.00 to $3.00 per doz.
Boxwood, $12.00 to $15.00 per 100 lbs.

CROWL FERN CO., - Millington, Mass.

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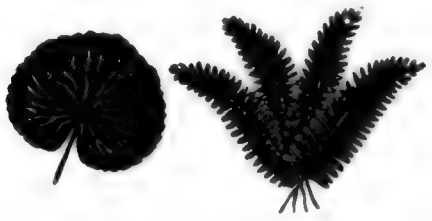
WHOLESALE PRICE LIST

GALAX, FERNS AND LEUCOTHOE
Direct from the woods to the dealer.

	Per 1000
Galax, green	$0.50
Galax, bronze	.50
Ferns, dagger and fancy	1.00
Green Leucothoe Sprays, regular lengths	2.00
Green Leucothoe Sprays, 10 to 15 in.	1.00
Bronze Leucothoe, regular lengths	2.75
Bronze Leucothoe, 10 to 15 in.	1.50

Special prices on lots of 100,000 and up.
Terms, strictly cash, f. o. b. Elk Park, N. C.

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GALAX LEAVES. DAGGER FERNS.

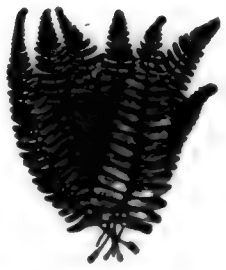
Dagger Ferns or Fancy Galax Leaves, bronze or green; all A-1 stock, guaranteed. Can also send samples. Once tried you will always use our stock. **A. L. FORTUNES**
70 Liberty Street, Brooklyn, N. Y.

Perpetuated and Natural Sheet Mosses
Southern Wild Smilax
E. A. BEAVEN, Evergreen, Ala.
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WHOLESALE COMMISSION FLORISTS
CUT FLOWERS OF ALL KINDS
Dagger and Fancy Ferns, $1.50 per 1000.
Green and Bronze Galax, $1.00 per 1000; $8.50 per 10,000.
Leucothoe Sprays, $1.00 per 100; $7.50 per 1000.
Hardy Cut Evergreens and Florists' Supplies, Southern Wild Smilax, Branch Laurel, Laurel Festooning, Green and Sphagnum Moss, Boxwood Sprays. A large stock constantly on hand; can fill orders at a moment's notice. Telephone or telegraph.
Tel. 2617-2618 Main; Fort Hill 25290.
15 Province Street, and 9 Chapman Place, **BOSTON, MASS.**



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Evergreens Fresh From The Woods
Galax, green and bronze, 50c per 1000; $3.50 per case 10,000.
Ferns, fancy and dagger, $1.00 per 1000; 4.00 per case 5000.
Green Leucothoe Sprays, good length, $2.00 per 1000, any quantity.
Green Leucothoe Sprays, 10 to 16-in., $1.00 per 1000; any quantity.
Bronze Leucothoe Sprays, $2.75 per 1000, any quantity.
Orders sent by freight are packed in moss
All orders filled promptly. **BANNERS ELK, N. C.**



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The best Fancy Ferns in the Market
$1.25 per 1000. If they are not first-class on receipt, don't pay for them.
ROBERT GROVES, 127 Commercial St., Adams, Mass.

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carnations. That afternoon the establishment of William Sim at Cliftondale was visited. Sweet peas and violets are a specialty at this place. The last place visited was that of Thomas Roland, at Nahant, who grows especially fine potted plants for the Easter trade.

Danvers, Mass.—Porter Bros., the vegetable growers, have lately added three houses to their range.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By young, all around greenhouse man. Address A. Schultz, 1621 N. Kedzie Ave., Chicago, Ill.

SITUATION WANTED—By gardener on private place; life experience in every branch of horticulture; age 30. Address No. 2, care Florists' Review, Chicago.

SITUATION WANTED—By carnation grower, also bedding plants; 15 years' experience; single, 33 years old; state wages. Address No. 3, care Florists' Review, Chicago.

SITUATION WANTED—By a thoroughly competent decorator, designer and salesman; references from former employers. Address No. 209, care Florists' Review, Chicago.

SITUATION WANTED—As store man who understands the retail florists' business; sober and reliable; age 24; 4 years' experience; wages reasonable. Address No. 218, care Florists' Review, Chicago.

SITUATION WANTED—By good retail florist and good designer; have some experience in pot plants and some on carnations; will start on small wages to work myself up. Address Cornelius Moldermaker, care of John Aggen, Fulton, Ill.

SITUATION WANTED—By first-class grower of cut flowers and pot plants, also good propagator, a foreman or grower in charge; 30 years of age; best of references. Address P. Peters, care of H. Halverson, 3626 Lombard Avenue, Everett, Wash.

SITUATION WANTED—By a young lady as clerk or manageress in a flower store; has had eight years' experience, five years as partner and three years as sole proprietress; can give the best of references. Address No. 5, care Florists' Review, Chicago.

SITUATION WANTED—By a practical grower of roses, carnations, mums, and general stock; over 30 years'e xperience, single, capable of taking entire charge of a large plant; references O. K.; when applying state wages, etc. Address No. 231, care Florists' Review, Chicago.

SITUATION WANTED—Am desirous of obtaining a position in Oregon or Washington; have been connected with wholesale and retail business and understand the work thoroughly; can furnish references. Address Mayme Pemberton, care Lord's Flower Room, Topeka, Kan.

SITUATION WANTED — By life experienced grower of cut flowers and pot plants on commercial or private place; capable of taking entire charge; age 30, single, best of references; please state wages and particulars in first letter. Address No. 9, care Florists' Review, Chicago.

SITUATION WANTED — By florist of life experience; can supply references from well known firms as to sobriety and ability; six years in one position on country place; four years with large firm in the east; three years in present situation. Address No. 225, care Florists' Review, Chicago.

SITUATION WANTED—After March 15, by competent florist on private place with greenhouse; German, single, 33 years of age; honest and strictly sober; have had 15 years' experience in greenhouse work, landscape gardening, etc.; can furnish best of references. Address Chas. Schleith, Box 122, St. Cloud, Minn.

SITUATION WANTED—By an up-to-date grower of roses, carnations, mums, bulbs and a general line of plants; can do propagating and help on designs or can do anything there is to do; sober, honest and reliable; can take charge or a helper; state wages and full particulars. Address No. 10, care Florists' Review, Chicago.

SITUATION WANTED—If you are on the Pacific coast and in need of an assistant gardener who is well up in nursery work and a good plantsman I should like to hear from you. Am 35 years old, of good habits and before coming to America 5 years ago, was head-gardener on an estate in Scotland. Address No. 236, care Florists' Review, Chicago.

SITUATION WANTED—As carnation grower in a large place around Chicago; Dane, married, no children; references furnished. Address No. 8, care Florists' Review, Chicago.

SITUATION WANTED—As gardener on a private place; Dane, age 31, married, no children; many years' experience; references furnished. Address No. 7, care Florists' Review, Chicago.

SITUATION WANTED—By English gardener and florist, married, age 40, 20 years' experience in this country, in the growing of mums, carnations, bulbs and general line of potted plants; exceptionally good on design work; can furnish the best of references as to habits, etc.; good wages expected and permanent position; give full particulars in first letter. Address Box 110, West Medway, Mass.

SITUATION WANTED — By practical florist as foreman or manager on commercial place; west preferred; ten years in trade, three years' experience as manager; Norwegian, age 25, single; competent grower of cut flowers, bedding stock and vegetables under glass; thoroughly acquainted with all work around greenhouses; can handle help to best advantage; best of references: no bad habits. Address, with particulars, Thomas Biernstad, Box 376, Baker City, Oregon.

HELP WANTED—Rose grower, good man for section. Apply Weiland & Risch, 59 Wabash Ave., Chicago.

HELP WANTED—Assistant rose grower; German preferred; no drinker need apply. Frank Garland, Des Plaines, Ill.

HELP WANTED—Single American man for general greenhouse work, potting, watering, etc., Joseph Wood, Spring Valley, N. Y.

HELP WANTED—A good all-round florist, strictly sober; state ability and other particulars, also wages wanted. W. Stertzing, 7280 Manchester Ave., St. Louis, Mo.

HELP WANTED—Experienced saleslady for west side Chicago flower store; state reference and salary expected. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—Capable all-round greenhouse man for 5000 ft. retail place; permanent place for good man; no boozer wanted. Union City Greenhouse, Union City, Pa.

HELP WANTED—General greenhouse man, with experience; nothing but a clean, sober man wanted; $45.00 and room; steady place for the right man. The Newburys, Mitchell, S. D.

HELP WANTED—Lively man for general greenhouse work, where mixed stock is grown; near Chicago. Address, state experience and wages wanted, No. 234, care Florists' Review, Chicago.

HELP WANTED—Experienced lady clerk for store; must be capable of making up funeral work, etc.; none but an ambitious and willing party need apply. Address Chas. Frueh & Sons, Saginaw, Mich.

HELP WANTED—A first-class rose grower; must be capable of taking complete charge, and one who can produce the stock; give reference and salary. Address No. 163, care Florists' Review, Chicago.

HELP WANTED—Grower of bedding and potted plants for store trade; reference required; position open now; good opportunity for young man who wants to advance. Address Hubbard's Seed House, Topeka, Kan.

HELP WANTED—General pot plant grower (no cut roses or carnations); must be able to do bedding out, fill boxes, etc.; state wages, reference, etc., in first letter; steady position. Address Advance Floral Co., Dayton, O.

HELP WANTED—A first-class rose and carnation grower; one having had western experience preferred; best wages and steady place to a man who can produce the goods; southwest; send references. Address No. 196, care Florists' Review, Chicago.

HELP WANTED—First-class store man in St. Louis; one who thoroughly understands the retail florist business; salary $100 a month to start; don't apply unless you can come well recommended; apply at once. Address No. 179, care Florists' Review, Chicago.

HELP WANTED—A competent and experienced gardener, married, small family, for small flower and vegetable garden on gentleman's country place; comfortable house and firewood furnished; good wages; references required. Address P. O. Box 397, Nashville, Tennessee.

HELP WANTED—A sober, industrious, young man, of good habits, with a general knowledge of greenhouse work and an ambition to advance; $35.00 per month and board to begin; retail place of 10,000 feet of glass, in town of 5000 in middle west. Address No. 216, care Florists' Review, Chicago.

HELP WANTED—Good grower of carnations and general stock; must be a good designer, middle age, honest and reliable; able to take charge when needed; none other need apply; wages $40.00 per month, board and room; southwest Texas. Address No. 204, care Florists' Review, Chicago.

WANTED — Second-hand greenhouse glass, size 10 by 15 double thick; state price. Address Box 392, West Grove, Pa.

WANTED —Prices on 2000 or more yards of plant cloth, also 2000 feet of 1¼ or 1½ second-hand pipe in good condition, suitable for cold frames. W. Mundy, Salem, Ohio.

WANTED—Positions near New York and Philadelphia for graduates of the Baron de Hirsch Agricultural School on gentlemen's estates and commercial florists, as greenhouse and garden help. Apply to H. W. Geller, Supt., Baron de Hirsch Agricultural School, Woodbine, N. J.

FOR SALE OR RENT—Greenhouse, store, dwelling and stock complete; located on main street in growing south side suburb of Chicago. Owner. 731 Barry Ave., Chicago, 1st flat.

FOR SALE--River View Greenhouses and Garden; a great bargain; private reasons for selling. W. C. Whelchel, Prop., Covington, Ind.

FOR SALE—7500 ft. under glass; well stocked; 20 miles from Chicago; terms to suit. Address No. 11, care Florists' Review, Chicago.

FOR SALE OR RENT—10 acres rich soil, west of town; prices and terms reasonable. H. M. Wheeler, 1621 Orrington Ave., Evanston, Ill.

FOR SALE—Nurseries, greenhouse and retail business in rapidly growing town; write for particulars. H. A. Curtis The Florist, St. Petersburg, Fla.

FOR SALE—1 plate glass florists' refrigerator, with steel structural work; been used about two months. Address Fort Wayne Refrigerator Co., Fort Wayne, Ind.

FOR SALE—1 large sized Morehead steam trap and No. 2 receiver; good as new; used but three years; cost $225; will sell cheap. The Fifth Ave. Floral Co., Columbus, Ohio.

FOR SALE—One McCray ice box, 78 in. high, 48 in. wide, 34 in. deep; has been used 12 months; cost $115.00, will sell for $75.00. B. Abrahamson, 915 Blue Island Avenue, Chicago, Ill.

FOR SALE—Hot water boiler and about 200 ft. 4-in. soil pipe, and all fittings; price $50.00 f. o. b. Wheeling; boiler now in use will be taken out in spring; changing to steam. Frank C. Seibert, Wheeling, W. Va.

FOR SALE—Good retail florist business in live town in New York state, about 10.000 feet glass, three acres land; will be sold cheap and on easy terms if sold at once. Address No. 222, care Florists' Review, Chicago.

FOR SALE—10,000 ft. of glass on leased land on which the lease has 7 years yet to run; located near three cemeteries and have good trade; will sell all or take partner. Address Jacob Russler, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—4000 ft. of glass, 8-room house, and barn, on one acre of black, prairie soil, in a booming town of 4000, with 16 factories; here is a chance of a lifetime; price $3500, if taken at once; good reason for selling. A. Richter, Sturgis, Mich.

FOR SALE—Half interest in a profitable landscape business near Chicago; purchaser must be well posted and competent to take charge of the office, advertising and business end, or the handling of trees, shrubbery and construction work, in developing estates, parks, etc. Address No. 4, care Florists' Review, Chicago.

FOR SALE—Well established florist business in R. R. div. town of about 6,000, in northeastern Indiana; well stocked for retail trade; dwelling of four rooms and cellar attached to greenhouses; hot water heat throughout; centrally located; correspondence invited. Address No. 207, care Florists, Review, Chicago.

FOR SALE—Do you want to buy a good live business in one of the richest farming communities in central Illinois, where land is selling up to $250 per acre; about 7000 feet of glass, two dwellings, lot 150x300 ft.; 2 blocks from 2 R. R. stations: do not write unless you mean business and want something worth the money. N. O. Caswell, Delavan, Ill.

FOR SALE—A modern range of glass of about 7000 ft., hot water heat; office and work room, one barn; one modern 8-room cottage, hot-water heat; entire place equipped with electric lights; no competition; college town of 6000; situated 3 blocks from depot and 3 blocks from college, doing fine business, and business growing; hustler can do $5000 per year; good reason for selling; price $7500 if sold soon. Geo. H. Wray, Fairfield, Iowa.

FOR SALE—Florist business in a thriving town of 8000; two greenhouses, one 18x100, and one 22x114; steam heated and as good as new; 6 iron and 6 wooden hot bed sash; chicken house, wood shed and barn; pipe tools and carpenter tools; lot 120x140; 6-room living house with all modern conveniences, electric light, steam heat and sewer; on main street, three blocks from business center; county seat, no greenhouse for 80 miles north and 50 miles south; price $5000, half down, balance on time. Peter Philipp, Rhinelander, Wis.

FOR SALE—In Chicago, established retail florist, 7 greenhouses, 10,000 square ft. of glass on valuable corner, 125x165; 6-room modern residence; shows net income of over $3.000 per year; must be sold to divide estate; chance of a life time; price $7,500. H. O. Stone & Co., 125 Monroe Street, Chicago.

FOR SALE—Half interest in $16,000 wholesale and retail place near Chicago; 25,000 ft. glass, stocked with roses and carnations; seven acres planted in fruit; two dwellings, horses, cows, wagons, buggy, tools, etc., $2500 cash, balance ($5500) $500 per annum, 5 per cent interest; possession March 1st. Address No. 153, care Florists' Review, Chicago.

Situation Wanted

As assistant gardener on private or commercial place: age 27, single. Address No. 232, care Florists' Review, Chicago.

WANTED

Good man for Broadway retail store; capable, with city experience, and of good habits; must understand care of palms; good wages. Address Retail, Box 545, New York City.

HELP WANTED

A single Protestant man, one that can grow good Roses and Carnations, also pot plants; must have first-class references; if not capable don't answer. Address Calvert Floral Co., Lake Forest, Ill.

WANTED

Wire Workers AT ONCE

Good wages! Steady work! and extra pay for over hours. Immediate and constant positions for good men.

H. KENNEY,
88 Rochester Ave., Brooklyn, N. Y.

Wanted
A Southern Grower

of carnations, roses, mums, ferns and a general greenhouse stock; strictly sober, reliable and a willing worker; a man who can bring results, can use only a married man; if you don't fill the bill, don't answer.

ROBT. C. KERR FLORAL CO.
2415 Travis Street, - HOUSTON, TEX.

Shippers, Attention

We can use to advantage, good Roses, Daffodils, Freesia, Tulips, Lilies and Greens; will either buy outright or sell on commission.

Address No. 158,
Care Florists' Review, Chicago.

Situation Wanted

By man of 34, as florist and landscape man on gentleman's estate; single; references from H. A. Dreer and firms of equal prominence; kindly state wages. Address No. 223, care Florists' Review, Chicago.

Situation Wanted

By thoroughly experienced florist and gardener, as head gardener; would prefer position with large commercial place, where a large line of bedding plants are grown, or a cemetery. I am a German, 40 years old and married. I have had charge of the greenhouses and floral department of one of the largest cemeteries in the middle west for the past 15 years. State wages in first letter. Address No. 6, care Florists' Review, Chicago.

Nurseryman Wanted

A splendid chance for a young man with a few hundred dollars to establish himself in a profitable and growing business; only one nursery within 50 miles and a large demand already created for these goods; splendid shipping facilities, good soil and large demand at home; man must be a hustler and have both the growing and the selling experience. Full particulars will be given by addressing

JOSEPH BANCROFT & SON
Cedar Falls - - - - - Iowa

Unexampled Chance

For a first class grower with executive ability and capacity, to take charge of 50,000 square feet of glass most modern in construction and equipment, for growing cut flowers and plants, about to be erected in most progressive part of United States, where competition amounts to almost nothing; can sell entire product now, and plant will have to be doubled in two or three years at most with right management; if you do not possess these requirements and have not got $3000 to $6000 to take stock in the $50 000 corporation, do not reply; but if you have and can produce the goods, you get the chance of your life by addressing No. 205, care Florists' Review, Chicago.

For Sale in Oklahoma,
Greenhouses and Store

Muskogee Carnation Co. will sell up-to-date greenhouses and store to a cash purchaser; the only florist business in city of 25,000 inhabitants; the business will pay for itself in 4 years and the property will DOUBLE itself in 1 year; the finest place to be seen anywhere; come and see it for yourself, I know you will like it.

Muskogee Carnation Co.
C. E. Taube, Manager. Muskogee, Okla.

For Sale

Two high pressure steam boilers, good as new, size 4x16, with thirty 4-inch flues; we purchased these boilers last spring but never used them; prefer large boilers, reason for selling.

WEILAND & OLINGER, New Castle, Ind.

Greenhouses For Sale

Contain 3000 square feet of bench room; boiler shed and work room 10x44; first-class hot water heating system; complete water system; well and windmill; arranged for lettuce but equally adapted for flowers; eight lots, four-room bungalow, fences, outbuildings, etc.; town of 7000; no competition; good local market and best shipping facilities. Address

Box 1032, Livingston, Montana.

Bankruptcy Sale

Greenhouse property, 10,000 sq. ft. glass. Everything first-class and up-to-date. No competition; only greenhouse in the county. Will be sold March 12, 1910, to the highest bidder. Terms cash. For further information write

COOK & MILLER, Trustees
MT. GILEAD, OHIO

To Rent
A very rare opportunity

One of the most modern and up-to-date florist establishments of about 15,000 sq. ft. glass, hot water heat, Superior tubular boiler; entire place equipped with electric lights, cement walks and floors; work building 20x115 ft.; 2-story 8-room modern flat; good established business; the conveniences and accommodations to all transportation, etc., are too numerous to mention here, they cannot be excelled; if interested, an investigation will convince.

RICHARD F. GLOEDE
1405-1407 Central St., EVANSTON, ILL.

For Sale

On account of my rapidly increasing mining interests out west, which are now demanding my constant personal attention, I will sell my retail business, one of the oldest and best paying floral stores in St. Paul. Address O. Hiersekorn, 191 E. 7th St., St. Paul, Minn.

Wholesale Growers' Business in Texas

For sale; flower business of Cook & Cook, Gardenias (Cape Jasmine) and Mexican tuberoses, specialties; 10 acres of land, about 5 acres set to flowers and balance in oranges, strawberries, family garden, etc.; good seven-room house and good barns; 1½ miles from depot, in good little town of about 2000 inhabitants on Santa Fe R. R. between Houston and Galveston; well established business of eight years' standing; price, spot cash, $5,000.00 for immediate delivery, or $4000.00 to be turned over on 15th of June, after Jasmine crop is marketed; reasons for selling satisfactorily explained to prospective purchaser; semi-monthly Home-seekers' excursions to Texas on sale now; come down and look the proposition over before buying.

COOK & COOK - - Alvin, Texas

For Rent
Store For Flower Shop

In the new Limits Station of Chicago Railways Company, North Clark St., south of Diversey Boulevard. The location is the junction of a vast amount of travel and is the place for a first-class florist to do business with all the North Shore. Store fine for display. To be rented to florist of best standing. Apply Chicago Railways Company, 181 La Salle St. Tel. Randolph 1480.

Public Sale
March 1st, 2 p. m.

Florist property, greenhouses, dwelling, stable, outbuildings, large acreage, conveniently located, best soil, plenty water, clear title and suitable conditions of sale. For particulars apply to H. C. Biddle, Ambler, Pa.

Greenhouse Material

For sale, for immediate delivery, the entire roof material of three houses, one 16x85, ¾ span; one 25x50, even span; one 10x35 lean-to, of Moninger's best No. 1 cypress, in good condition; 4 Moninger ventilating machines; square cypress gutters, purlins, ridge rafters and ventilator sash, but only 500 whole panes of 14-in. double glass; square red cedar posts; all coils, valves, purlin carriers, etc., for $175.00 cash, f. o. b. here; $200.00 on car. One 4½x5 ft. Chicago-Philadelphia Model boiler, 6 sections, complete, $50.00 extra, hot water or steam; also 1000 pots. Must be sold at once. J. C. Moninger Co., greenhouse builder, will rebuild these complete for $2.00 a foot, painting, glazing and piping included.

A. FUCHS
803 Sheridan Rd., Chicago, Ill.

GREENHOUSE FOR SALE

Sickness compels me to go to a different climate and I will sell my greenhouses, about 3000 feet of glass, all put up of the very best materials this fall, and well stocked with salable plants; also a two-story, nine-room dwelling house, heated with hot water from same boiler; good barn, new buggy and harness, one horse, barn and other buildings, nearly new; hotbeds and all necessary tools; two lots, front 130 by 200 feet; only a few rods from the business center and street car lines; price, $5500.00; $2000.00 down and $500.00 a year until paid; every room is furnished, nearly new; will take $200.00 extra and leave furniture, carpets and curtains; this is an ideal place for retail and can be enlarged at a very small expense; an extra good place even for a lady who likes the business; would give possession at once so as to take advantaage of the spring sales; come and see, and if you don't find everything according to this adv., I will pay your fare both ways and $10.00 a day for your time; if you yourself are not interested, please clip this adv. out and give to a friend.

N. P. COLBERG, - Princeton, Ill.

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Alexander McConnell

571 Fifth Avenue, Windsor Arcade — **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada, and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street — Cable Address; ALEXCONNELL — Western Union Code

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Largest Floral Establishment in America

Established 1874--Incorporated 1909

MYER

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We can fill your floral orders day or night for

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Always have complete stock on hand. Regular discount allowed the trade.

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112 SOUTH MAIN STREET

We Handle Everything in Season.

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ST. PAUL, MINN.

The Largest Store in America.

The finest and largest stock west of Chicago. Awake night and day looking for orders.

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DELIVERS ANYWHERE

Brooklyn New Jersey New York Long Island

Trade orders well cared for from all parts of the country, and delivered at Theater, Hotel, Steamer or Residence. Address

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orders given careful attention

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Rock's Flowers Kansas City

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Will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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Near Madison Ave.

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Our exclusive location calls for best stock. Square deal guaranteed.

Minneapolis, Minn.

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BALTIMORE.

The Market.

A gradual increase of business is now noticeable and our tradesmen feel much encouraged with the present outlook. There is not one who complained of last week's business. A number of prominent citizens have died in the last ten days, and therefore considerable stock was consumed in funeral work. Carnations are overcrowding all other kinds of flowers and do not move rapidly and as everyone is having enormous cuts, this might make them off crop for Easter. Sweet peas are to be seen everywhere and are eagerly sought after by the trade. Violets are a glut in the market and yet they are the best selling article that the retailer has to deal with. Bulbous stock, while plentiful, sells fairly well. The stores show a variety of nicely flowered stock and lilacs, azaleas, cyclamens and rhododendrons are to be had. Roses, as to quality, continue to improve, and though not so plentiful, there are enough for ordinary demands. The weather is decidedly cold and cloudy.

Club Meeting.

Carnation night at the Gardeners' and Florists' Club, February 14, was a record breaker as to display and attendance. Henry Eichholz gave an interest-

M. A. Bowe

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Phone 2270 38th St. 1294 Broadway, N. Y.

Our Motto—THE GOLDEN RULE

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Flowers of Quality

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W. J. Palmer & Son, 304 Main Street

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We can refer to leading florists in all principal cities. Established 1870.

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Flowers Delivered in City or State on Short Notice

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Prompt and personal attention given your orders by expert artists.

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Headquarters for Cut Flowers and Funeral Designs

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DARDS,

N. E. Cor. 44th Street and Madison Avenue,

Telephones
4025-4026, 38th Street,

NEW YORK

Orders delivered on all the Ocean Liners or telegraphed to our own correspondents in Europe and the British Colonies.

Cable Dardsflor, Western Union

Established 1874

WARENDORFF

NEW YORK CITY.

The Ansonia, 74th St. and Broadway.
The Tuxedo, 59th St. and Madison Ave.
The Empire, - - - 71 Broadway.

Many an order we have sent you. Now reciprocate, and test my ability to serve you. Ours are the Bon Ton Stores of New York.

The Livingston Seed Co.

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114 N. High St., COLUMBUS, OHIO

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Long Distance Phone

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Seattle and Coast

Orders Carefully Filled

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Retail Florists

Flowers for all occasions, from cradle to grave

E. O. LOVELL GRAND FORKS

Will give prompt attention to all orders for delivery in North Dakota

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Funeral designs on short notice. One of the largest establishments west of Chicago.

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30% 30% 30% 30%

PLACE your Chicago orders with us. We carry the largest stock in Chicago. Located in the center of the city and in the same block with the Wholesale Flower Market. 30% discount on all orders from out of town florists.

Prompt Attention to all Mail or Telegraph Orders from Florists.

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Telephone No. 1592 Bedford

In the heart of the Bon Ton section of the City of Churches. Send your orders for steamers, theaters, etc. One trial will convince you.

ADVANCE FLORAL CO., Five Phones

C. M. SCHAEFER, Mgr.
Leading Florists
44 to 52 ARCADE, DAYTON, O.

ing talk on carnations and also about the Pittsburg show. Mr. Eichholz was awarded a certificate of merit for his carnation seedlings, Washington and Princess Charming.

James Hamilton, of Mt. Washington, had the finest display of roses to be seen at the show.

M. Thau had a vase of his new red carnation, Lord Baltimore. It seems to have a lead over Harlowarden and is a heavy bloomer.

Some of the exhibits were: James Hamilton, vases of Winsor, Enchantress, White Perfection and Rose-pink Enchantress; Chicago Carnation Co., Joliet, Ill., vase of Sangamo, Conquest and Mary Tolman, which made a fine showing; Philip B. Welsh, a fine vase of Alvina; Ruxton Floral and Nursery Co., vase of Winsor; Lehr Bros., vase of

CLEVELAND

..The..

J. M. Gasser Company

EUCLID AVENUE

We ship all points in Ohio. The best of everything in Flowers.

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Dunlop's

96 Yonge St., TORONTO

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Special Deliveries Niagara Falls and Lockport

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Write, Telephone or Telegraph.

All Orders Given Prompt Attention

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All Kinds of CUT FLOWERS
in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

Your Orders for ATLANTIC CITY, N. J. will be carefully filled by

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Write, Wire or Phone Your Orders to

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Regular discount allowed on all orders, either Plants or Cut Flowers.

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Greenhouses. Taylor and St. Louis Aves.

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We ship to all points in Illinois and Iowa.

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and all New England Points — T. J. JOHNSTON & CO. 171 Weybosset St., Providence

S. B. STEWART

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Wholesale and retail orders for Cut Flowers, Funeral Designs, etc., by telegraph will receive prompt attention at....

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Baltimore, Md.

ALBERT G. FIEDLER & CO., 902 South Charles St.

Teresa Badaracco

Art Florist ST. LOUIS, MO.

White Enchantress and Rose-pink Enchantress; Henry Fischer, vase of Victory and Harlowarden; I. H. Moss, a fine vase of assorted carnations; and Jesse P. King, fine display of sweet peas. Q.

STEAMER SAILINGS.

Bulletin a few of these steamer sailings in your window, with the information that you have facilities for delivering bon voyage tokens on board any outgoing boat, or funeral, or other flowers anywhere on short notice:

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Furnessia	New York	Glasgow	Feb. 26
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Ponce	New York	Porto Rico	Feb. 26
Barbarossa	New York	Genoa	Feb. 26
Romanic	New York	Italy	Feb. 26
Mauretania	New York	Liverpool	Mar. 2
Kroonland	New York	Antwerp	Mar. 2
Rhein	New York	Bremen	Mar. 3
La Bretagne	New York	Havre	Mar. 3
Laurentic	New York	Liverpool	Mar. 5
Philadelphia	New York	S'hampton	Mar. 5
Columbia	New York	Glasgow	Mar. 5
Finland	New York	Antwerp	Mar. 5
Kaiserin	New York	Hamburg	Mar. 5
Haverford	Philadelphia	Liverpool	Mar. 5
Coamo	New York	Porto Rico	Mar. 5
Tagus	New York	Jamaica	Mar. 5
P. Irene	New York	Genoa	Mar. 5
Carmania	New York	Egypt	Mar. 5
Kaiser d. Gr.	New York	Bremen	Mar. 8
Morgolia	San Fr'sco	Manila	Mar. 8
Lusitania	New York	Liverpool	Mar. 9
Emp. of China	Vancouver	China	Mar. 9
Zieten	New York	Bremen	Mar. 10
La Savoie	New York	Havre	Mar. 10
Desterro	New York	Brazil	Mar. 10
P. Lincoln	New York	Hamburg	Mar. 12

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644 Madison Ave., just above Fifty-ninth St.

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Corner Broadway and Gratiot Ave.

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Orders for Philadelphia and surrounding country carefully filled on short notice.

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Choice Flowers always on hand. Grown here.

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Wholesale and Retail Florist of GRAND RAPIDS

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SPOKANE, WASH. Up-to-date Florists

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Daily deliveries to Notre Dame University and St. Mary's Academy.

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New York's Most Modern Florist Store
"The Belnord"
2360 Broadway
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Telephone No., 1219 River
Personal Attention Given Your Orders.
Satisfaction Guaranteed.

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Orders solicited for all parts of Connecticut.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

Send flower orders for delivery in
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All orders receive careful attention. Choice Beauties, Orchids and Valley always on hand
McKenna FLORIST
MONTREAL

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Order your flowers for delivery in this section from the leading Florists of the Northwest.
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WASHINGTON, D. C.
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STATE NURSERY CO., CUT FLOWERS
155,000 sq. ft. of glass at your service.
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OSTERTAG BROS.
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Both Long Distance Phones, St. Louis, Mo.

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Wholesale and Retail **Florist**

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" "	Fiedler & Co., A. G.
Battle Creek, Mich.	Fisher Co., H. A.
Boston, Mass.	Galvin, Inc., T. F.
" "	Hoffman, S.
" "	Newman & Sons
Brooklyn, N. Y.	Jahn, Hugo H.
" "	Masur, S.
" "	Wilson, R. G.
Buffalo, N. Y.	Anderson, S. A.
" "	Palmer & Son, W. J.
Chicago	Lubliner & Trinz
"	Smyth, W. J.
"	Wittbold Co., Geo.
Cincinnati, O.	Baer, Julius
Cleveland, O.	Cleveland Cut Flower Co.
" "	Gasser Co., J. M.
" "	Knoble Bros.
Columbus, O.	Livingston Seed Co.
Dallas, Tex.	Dallas Floral Co.
Dayton, O.	Advance Floral Co.
" "	Heiss Co..
Denver, Colo.	Park Floral Co.
Des Moines, Iowa	Iowa Floral Co.
Detroit, Mich.	Breitmeyer's Sons
" "	Schroeter, B.
Edwardsville, Ill.	Ammann, J. F.
Evanston, Ill.	Weiland, John
Ft. Worth, Tex.	Drumm Seed & Floral Co.
Grand Forks, N. D.	Lovell, E. O.
Grand Rapids, Mich.	Smith, Henry
Harrisburg, Pa.	Kepner, J. A.
Hartford, Conn.	Coombs, John
Helena, Mont.	State Nursery Co.
Indianapolis, Ind.	Bertermann Bros. Co.
Jacksonville, Fla.	Jacksonville Floral Co.
Kalamazoo, Mich.	Fisher Co., H. A.
Kansas City, Mo.	Kellogg, Geo. M.
" " "	Murray, Samuel
" " "	Rock Flower Co.
Lincoln, Neb.	Chapin Bros.
" "	Frey, C. H.
Los Angeles, Cal.	Wolfskill, J. W.
Louisville, Ky.	Schulz, Jacob
Milwaukee, Wis.	Pollworth Co.
Minneapolis, Minn.	Minneapolis Floral Co.
" "	Swanson's
Mitchell, S. D.	Newburys, The
Montgomery, Ala.	Rosemont Gardens
Montreal, Can.	Hall & Robinson
" "	McKenna & Son
New Orleans, La.	Avenue Floral Co.
" " "	Virgin, U. J.
New York City	Bowe, M. A.
" " "	Brown
" " "	Clarke's Sons, David
" " "	Dards, Chas. A.
" " "	Duer, John King
" " "	McConnell, Alex.
" " "	Myer
" " "	Sharkey, John F.
" " "	Smart Set Floral Co.
" " "	Warendorff
Omaha, Neb.	Hess & Swoboda
" "	Stewart, S. B.
Philadelphia, Pa.	Ehret, Fred
"	Fox, Chas. Henry
Pittsburg, Pa.	Smith Co., A. W.
Portland, Ore.	Clarke Bros.
Providence, R. I.	Johnston & Co., T. J.
St. Louis, Mo.	Badaracco, Teresa
" " "	Beneke, J. J.
" " "	Grimm & Gorly
" " "	Ostertag Bros.
" " "	Weber, F. H.
" " "	Young & Sons Co.
St. Paul, Minn.	Holm & Olson, Inc.
" " "	May & Co., L. L.
" " "	Swanson, A. S.
San Antonio, Tex.	Baker, Geo. C.
Savannah, Ga.	Wolf, John
Scranton, Pa.	Schultheis, E. D.
Seattle, Wash.	Graff's Flower Shop
South Bend, Ind.	Beyer Floral Co.
Spokane, Wash.	Spokane Florist Co.
Springfield, Ill.	Brown, A. C.
Terre Haute, Ind.	Heinl & Son, Jno. G.
Toledo, O.	Heinl, Geo. A.
Topeka, Kan.	Hollcraft, Mrs. M. E.
Toronto, Can.	Dunlop, John H.
Washington, D. C.	Blackistone, Z. D.
" "	Gude Bros. Co.
Wellesley, Mass.	Tailby & Son
Wilkes-Barre, Pa.	Marvin's, Ira G.

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L. D. Phone 558 Lake View
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Send us your retail orders. We have the best facilities in the city.

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BROAD AND WALNUT STREETS
Always on Time

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2139-2141 Broadway
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NEW YORK CITY
Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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We cover all Florida, St. Augustine, Palm Beach, Miami, Tampa, etc. Also lower Georgia.
Choice Seasonable Flowers
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Write, Phone or Wire. 612 Linden St., SCRANTON, PA.

MONTREAL, We can fill all orders.
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Lettuce, Onion, Sweet Peas

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San Jose, California

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Clearing Sale

Perennial Rye Grass (Lolium perenne) Crop 1909.

The heaviest seed ever imported, weighing 26 lb. per bushel. Samples on request.

Lb., 6c.; 100 lbs., $5.50, f. o. b. New Orleans.

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3442 St. Charles Ave. New Orleans, La.

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Onion Set Grower

Onion Sets for immediate or fall delivery. Get my prices.

10818 Michigan Ave., Chicago, Ill.

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Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., J. C. Robinson, Waterloo, Neb.; First Vice-pres., M. H. Duryea, New York; Sec'y and Treas., C. E. Kendel, Cleveland, O.

M. Crawford, of Cuyahoga Falls, O., has been visiting a son at Oak Park, Ill., a suburb of Chicago.

The Aggeler & Musser Seed Co., Los Angeles, Cal., has issued a special circular, "All About Broom Corn."

The Ewing Seed Co., Nashville, Tenn., is a new concern that is placing contracts for 1910 crops. W. B. Ewing is manager.

According to a leading seedsman, it is not always the early catalogue that catches the order; sometimes it is the book that lies on top of the pile.

The heads of certain flourishing seed houses have found that better results are obtained by concentrating their efforts in a limited territory than by reaching out for the trade of the whole United States.

George Gibbs, Clearbrook, Wash., reports having dug 33,000 young hyacinths grown on an area of only 294 square feet. The bulb growers in the state of Washington have had a wet, mild winter. Frost was all out of the ground February 8 and narcissi peeping through the beds.

The Illinois State Board of Agriculture has figured out that the timothy seed crop of the state for the wear 1909 was 80,066 bushels, valued at $147,278. The largest crop was in 1877, 483,571 bushels, having a value of $604,464, while the most valuable crop was in 1881, with $1,108,980 for 400,124 bushels.

Neither the month nor the year to date have made any new records in the mail order seed trade; things are about normal. A good many people buy seeds at about a certain date each year, regardless of weather conditions, so that the cold has not cut down the mail order business to any great extent, but it takes a January thaw to make the orders run above the average.

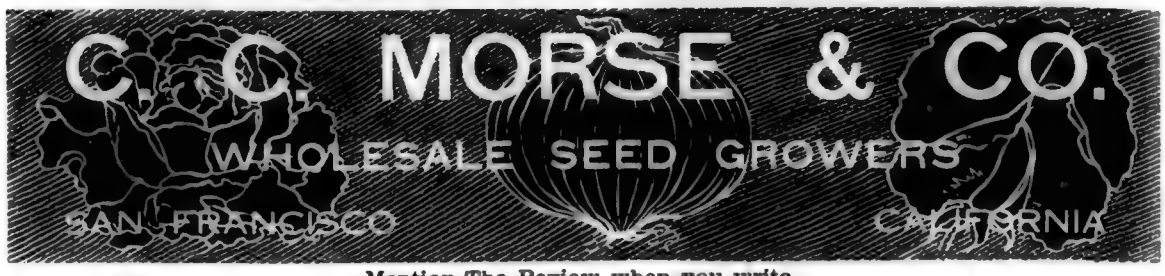
LEONARD SEED CO.

CONTRACT GROWERS AND WHOLESALE DEALERS

BEANS, PEAS, SWEET CORN, ONION, GARDEN SEEDS

ONION SETS FLOWER SEEDS **Get Our Prices** 328-330 KINZIE STREET, **CHICAGO**

Mention The Review when you write.



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YOU will be satisfied with the products of Burpee's "Seeds that Grow"

Better write to **Burpee, Philadelphia,—for new Complete Catalog**

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The Everett B. Clark Seed Co., MILFORD, CONN.

Growing Stations at East Jordan, Mich., Green Bay, Wis., Sister Bay, Wis.

BEANS, PEAS, SWEET CORN, ONION, BEET, TURNIP, TOMATO, ETC.

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Onion Sets

WHITE BOTTOM
RED BOTTOM
YELLOW BOTTOM

We are in position to make advantageous prices for immediate or March 1st delivery.

Write or wire for quotations.

WINTERSON'S SEED STORE

45-47-49 Wabash Ave., CHICAGO

Mention The Review when you write.

Routzahn Seed Co.

ARROYO GRANDE, CAL.

SWEET PEA and NASTURTIUM SPECIALISTS

Wholesale growers of full lists of FLOWER and GARDEN Seeds.

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Onion Sets = Onion Seed

We are extensive growers of and dealers in Onion Sets and Onion Seed. Write for prices on the 1909 crop. We are also prepared to submit contract figures on the 1910 Onion Seed crop.

SCHILDER BROS., Chillicothe, O.

Mention The Review when you write.

ONION SEED

We grow the very best strains of Yellow, Red and White Globe seed. Grown on our own farms, with special reference to the needs of the planter. We can please you.

Write for booklet and prices.

LAUGHLIN SEED CO., Kenton, O.

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JACKSON, MICH.

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BEAN, CUCUMBER, TOMATO
Radish, Pea, Muskmelon
Squash, Watermelon, Sweet Corn

CORRESPONDENCE SOLICITED.

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GET QUOTATIONS FROM

LANDRETH SEEDS WHICH SUCCEED

Bloomsdale Farms **BRISTOL, PA.**

Mention The Review when you write.

THE HAS. H. TILLY CO.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety

Maine seed potatoes, onion sets, etc.

CORRESPONDENCE SOLICITED.

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New York City Store, 82-84 Dey Street

Mention The Review when you write.

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GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety.
Correspondence solicited.

Mention The Review when you write.

SLUIS & GROOT, Enkhuizen, Holland, are sending the trade in America a set of large lithographs of their specialties.

THE Grand Junction Seed Co., of Grand Junction, Colo., has been incorporated with $10,000 capital stock, by Whit Rozelle, Luther N. White and H. M. Cannon.

IT is the truck growers of the southwest who are responsible for the condition of the onion set market; a little later things will be livelier, on both 1909 and 1910 crops.

AT Nappanee, Ind., which is in one of the large onion-growing districts, the growers have introduced the custom of holding an annual onion day festival. At the last event of the kind C. A. Doswell, the florist of the town, won first prize on a show case decoration, representing onions in the field.

J. KEUR, of C. Keur & Sons, Hillegom, Holland, after a two months' trip extending as far west as Denver, says the bulb business this year is better than ever; more bulbs are being forced every year, and the use of bulbs for bedding purposes is increasing. Mr. Keur says the new tariff helps the sale of good bulbs, because now the duty on the department stores' mixture is about fifty per cent, while the rate on good florists' sorts amounts to only six to eight per cent at the specific rate of $1 per thousand. At Boston recently Mr. Keur and customers there raised the point at the custom house that hyacinth bulbs should be admitted at 50 cents per thousand under the provision for bulbs not specified. The contention was that the clause, "Hyacinths, astilbe, dielytra, lily of the valley clumps, $2.50 per thousand," should be interpreted literally; that is, as applying to hyacinth clumps, or, in other words, to the mother bulb with the clump of offsets. The contention may get up to the board of general appraisers, but it is doubtful if it can be made to stick.

THE PIETERS-WHEELER SEED CO.

Articles of incorporation have been filed with the secretary of state of California for the incorporation of the Pieters-Wheeler Seed Co., which will take over the seed growing business of A. J. Pieters, at Hollister, Cal. The stock was subscribed in the entirety by the following, who are also directors:

President—A. J. Pieters.
Vice-President—H. M. Pieters.
Secretary—L. W. Wheeler.

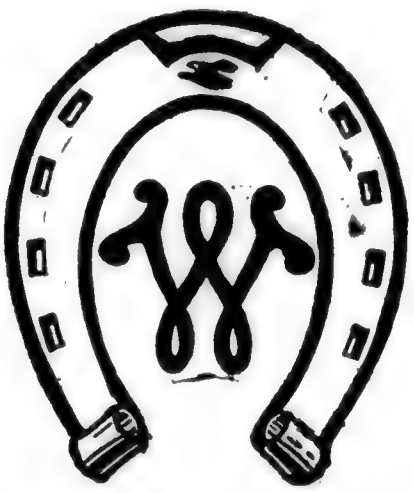
Mr. Wheeler is well known in the seed trade, having been for some time manager of Vaughan's Seed Store, New York, and for the past three years identified with California seed growing interests, having been with the Braslan Seed Growers' Co. and having represented A. J. Pieters during the past season.

IMPORTS.

The imports of seeds through the port of New York for the week ending February 12 were as follows:

Kind.	Pkgs.	Val.	Kind.	Pkgs.	Val.
Annatto	175	$2,238	Lycopodium	10	$ 747
Caraway	15	361	Mustard	500	3,978
Cardamom	11	267	Poppy	1,312	6,873
Castor	447	1,832	Rape	115	944
Fennel	74	567	Sugar beet.	300	2,006
Grass	811	6,250	Other	...	3,353

In the same period the imports of bulbs, trees and plants were valued at $1,992; peas, $3,601, and beans, $16,566.



"NOT HOW CHEAP—
BUT HOW GOOD"

HORSESHOE BRAND PRODUCTS

Do not read Ads. to contradict; nor to believe and take for granted; nor to find talk and discourse; but to weigh and consider. Some are to be glanced at, because they never change, others to be read (with passing interest), but not seriously, and some few to be read wholly and with diligence and attention.

There Are Reasons

why Horseshoe Brand Japan Bulbs are of superior quality. First of all they are produced from the healthiest seed bulbs in the world. They are planted and cultivated by experienced hands under expert supervision; not simply to obtain a bulb of exportable size, but to produce a bulb of superior quality as well. The way to convince yourself is to try them, and we would like to supply Lily Growers with at least a part of their needs for fall delivery this year. Order now if possible.

Write for prices and other particulars.

Ralph M. Ward & Co.

12 West Broadway, New York

Not How Cheap
But How Good

Representing
SEITARO ARAI, Yokohama, Japan

Announcement

To Our Friends and Patrons:

It has been brought to our attention that certain unscrupulous fellows, representing a **certain concern,** are spreading false and malicious reports to the effect that we are practically out of business, that we no longer travel, that we are on our "last legs," and that as a business concern, we are about to give up "our ghost."

We wish to announce **most emphatically** that all these rumors are absolutely false, that we are in the business to stay, that our progress, since the day we started up to the present time, has surpassed our own expectations, that the fellows using such contemptible means, in order "to catch" a few orders, are but short-sighted pygmies, unable to realize the ultimate harm they are causing to themselves and to their own interests.

Verily—"One cannot fool the people all the time."

Nor do we need to deny the malicious reports concerning our credit and business standing. Our creditors both here and abroad will bear us out when we say that our credit is second to none on this or on the European Continent.

We brand these rumors as deliberate and malicious falsehoods, calculated to undermine our business interests. Men employing such means are certainly unworthy of the name "MAN."

Respectfully yours,

SKIDELSKY & IRWIN CO.

1215 Betz Building, PHILADELPHIA, PA.

Mention The Review when you write.

WESTERN SEED CORN.

The experiment stations of the western states are warning farmers that the corn for seed is of uncertain quality this season. It is stated that "heavy loss from imperfect seed threatens the next Nebraska corn crop. This loss is variously estimated from $10,000,000 to $15,000,000. Grain men and agriculturists are generally aware of the situation and urge that the farmers make tests of their seed and take special precaution that the fields shall be planted with fertile and productive seed. The immediate source of danger to the crop lies in the effect that the weather conditions have had upon the grain of the state from which the seed for the spring planting will be chosen. The presence of much moisture through a wet fall and hard winter freezes is believed to have rendered sterile a large percentage of the seed, making it totally unfit for planting purposes, or at least so weakening it that the plants reproduced will prove unproductive. The remedy lies in germination tests of each ear to be used for seed. The seed growers of the state are now making, or have completed, tests by which the sterile grain is eliminated. That but a small percentage of the state's grain is produced from the stocks of the seed growers signifies the importance of this same work by the farmer who grows his own seed."

Tests of the corn of the state of Iowa have just been completed at Ames Agricultural college, with the result that Prof. P. G. Holden has declared that the seed is the worst that the state has ever had. The results of the Iowa test are shown in tabular form:

Cauliflower Seed



Wiboltt's Earliest Snowball, No. 34, at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Wiboltt's Extra Early Dwarf Erfurt, at $8.00 per lb.; 5 lbs. at $7.00 per lb.

Wiboltt's Danish Giant, "Dry Weather," at $9.00 per lb.; 5 lbs. at $8.00 per lb.

Larger lots prices separately. We ask new customers to send cash with order.

R. WIBOLTT, Seed Grower and Seed Merchant.
NAKSKOV, DENMARK

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FLOWER OF FAIRFIELD

EVERBLOOMING CRIMSON RAMBLER

The best climbing rose in trade, flowering during the whole summer in large clusters of finest crimson color. Prices for first rate plants, with 3 to 6 shoots, open ground grown, $12.50 per 100; $115.00 per 1000. Extra strong plants, with 5 and more branches, $18.00 per 100. Packing free. Cash with order only. Best shipping facilities.

SCHULTHEIS BROS., The "Old" Rose Gardens, at Steinfurth, near Bad-Nauheim, Germany

Mention The Review when you write.

Section of State.	Percentages—Bad.	Weak.	Strong.
Northern	27	12	61
North Central	18	14	68
South Central	21	16	63
Southern	14	15	71

It is stated that the average of Iowa corn is probably much below that shown in the table, as the seed tested was from the best in each locality. It is assumed that if these conditions exist in Iowa they are duplicated in some degree in eastern Nebraska at least. The seed corn of western Nebraska, because of the drier climate, is likely to have escaped something of the damage that was sustained in the damper eastern section.

NOTES FROM GREAT BRITAIN.

Seed merchants' catalogues for 191[illegible] are now scattered broadcast over the land. In general appearance they differ but little from those of previous years. Many of the leading houses have put plain or embossed gold lettering on the covers, and in lithographed designs the sweet pea still reigns supreme. This has been a favorite for several years and seed merchants show no desire to make a change, as the flower lends itself readily to the purpose and is popular with the public. Prices for nearly all varieties

Holland Bulbs

R. van der Schoot & Son

HILLEGOM, Established 1830 **HOLLAND**

OWNERS and Cultivators of over 400 acres of Bulbs, such as Hyacinths, Tulips, Narcissus, Crocus, Iris, Gladiolus, Lilies; a very large assortment of Peonies, Amaryllis and Herbaceous Plants.

Lowest prices on application now. Bulb Catalogue ready in May.

SUPPLIERS TO THE AMERICAN TRADE SINCE 1840

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F. J. Grootendorst & Sons

BOSKOOP, HOLLAND

Azaleas, Rhododendrons, Clematis,

Roses, pot-grown plants for forcing.

Buxus, Conifers, Japanese Maples,

Shrubs, Palms, Bulbs, Etc.

A postal brings our catalogue.

LET US QUOTE PRICES ON YOUR LIST OF WANTS

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COLD STORAGE VALLEY

Very finest grades of Valley for shipment as desired from New York.

GREENHOUSE PLANTS

Palms, Bay Trees, Ficus, Araucarias, Aspidistras, etc., of choice quality.

HOLLAND PLANTS

Roses, Peonies, Rhododendrons, Box Trees, Clematis, Conifers, etc., at low prices.

LILY OF THE VALLEY

Finest grades of Berlin and Hamburg for import.

H. FRANK DARROW

P. O. Box 1250 26 Barclay St., NEW YORK

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FOR

SEEDS

of all kinds apply to

W. W. JOHNSON & SON, Ltd.

BOSTON, ENGLAND

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—TO THE TRADE—

HENRY METTE, Quedlinburg, Germany

(ESTABLISHED IN 1787)

Grower and Exporter on the very largest scale of all

CHOICE VEGETABLE, FLOWER and FARM SEEDS

Specialties: Beans, Beets, Cabbages, **Carrots,** Kohl-Rabi, Leeks, Lettuces, **Onions, Peas, Radishes,** Spinach, Turnips, Swedes, **Asters,** Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspurs, Nasturtiums, **Pansies,** Petunias, Phlox, Primulas, Scabious, **Stocks,** Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $5.00 per oz.; $1.50 per ¼-oz.; 75c per 1-16 oz. Postage paid. Cash with order.

All seeds offered are grown under my personal supervision on **my own grounds of more than 3000 acres,** and are warranted true to name, of strongest growth, finest stocks and best quality. **I also grow largely seeds on contract.**

Mention The Review when you write.

VAN GRIEKEN'S BULBS

SOUND AND WELL SELECTED

LISSE, HOLLAND
Write for Catalogue

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VALLEYS and LILACS for Florists' forcing, the best that are grown imported to order, delivery Fall 1910; for prices address

AUGUST ROLKER & SONS, 31 Barclay St., or P. O. Box 752, NEW YORK

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German Stock Seeds

A GRAND SPECIALTY

Price list on application.

PAUL TEICHER, Striegau, Germany

Oldest Special House

Mention The Review when you write.

Splendid **SEED** of

Phoenix Roebelenii

Just arrived. Prices on application to

SANDER, - BRUGES, BELGIUM

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CAULIFLOWER CABBAGE Seed

LILY OF THE VALLEY PIPS

HJALMAR HARTMANN & CO.

Longangsstraede 20, Copenhagen, Denmark

Mention The Review when you write.

HASSLACH

SEED GROWER

Villa Mimosa, St. Remy de Provence, France

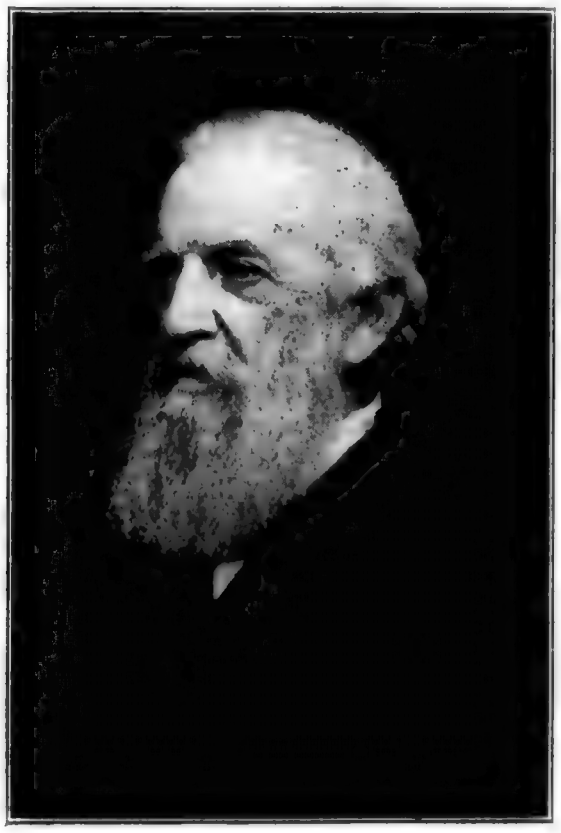
Accepts Contract Orders for 1910 in **Aster, Balsam, Cyclamen, Phlox, Primula sinensis, Portulaca, Verbena, Zinnia, Pepper, Tomato** and every other sort of seeds.

Always mention the Florists' Review when writing advertisers.

of sweet peas remain firm and the prices of all culinary peas are advanced.

Still another sweet pea society is likely to be organized. Scotchmen all along have been warm supporters of the National Society. Now, however, they are moving with a view to forming a sweet pea society for Scotland, and with well known enthusiasts like Cuthbertson, Malcolm and Grieve at the helm, there is every prospect of success being achieved.

Edinburgh is the headquarters of two of the leading horticultural societies in Scotland, namely, the Royal Caledonian Horticultural Society and the Scottish Horticultural Association. For some time many of their supporters have been of the opinion that amalgamation would be helpful to horticulture, and conferences on the subject are now being held. Matthew Todd, one of the oldest and best known florists in Edinburgh, has been a member of the council of the Scottish Horticultural Association for thirty years and now desires to retire.



Joseph B. Fuller.

DEATH OF JOSEPH B. FULLER.

Joseph B. Fuller, the veteran seedsman and botanist in the employ of James Vick's Sons, died February 16. Chas. H. Vick's statement, that "the trade has thus lost one of its most esteemed representatives," will be heartily concurred in by hosts of others.

Mr. Fuller was born in Brooklyn, N. Y., October 31, 1827. When he was only 3 years old his family moved to Rochester, traveling by way of the Erie canal and stopping, on their arrival, at the old Rochester house, at the corner of Exchange and Spring streets.

At the age of 14 he was apprenticed to the late Henry O'Reilly, to learn the printers' trade. Later he was with the Genesee Farmer, published by the late James Vick and edited by the late Patrick Barry. Being for years in close relationship with Mr. Vick in the printing office, and the two being drawn together by a mutual love of flowers, he was easily persuaded to engage in the seed business. In 1863 he entered the employ of Mr. Vick, and continued

Forcing Gladiolus

Many florists plant these in boxes, or among their carnations, in the winter. They are excellent for decorative purposes and realize good prices, either wholesale or retail. Gladioli are a good catch crop and take up but little room. The following are the best for this purpose.

Gladiolus Gandavensis Hybrids

America. The flowers, which are of immense size, are of the most beautiful flesh-pink color. $3.25 per 100; $30.00 per 1000.

May. Pure white, flaked rosy crimson; the best forcer. Selected bulbs, $1.75 per 100; $15.00 per 1000.

Brenchleyensis (true). Fiery scarlet. Selected bulbs, $1.50 per 100; $13.00 per 1000. First size bulbs, $1.25 per 100; $10.00 per 1000.

Shakespeare. White and rose. $4.75 per 100; $45.00 per 1000.

Boddington's White and Light. Extra selected bulbs, 1¾ in. and up. $1.50 per 100; $14.00 per 1000.

Bulbs, 1½ to 1¾ in., $1.25 per 100; $10.00 per 1000.

American Hybrids. A mixture of the choicest varieties of Gladioli in cultivation. $1.00 per 100; $9.00 per 1000.

Remember you may deduct 5 per cent if cash accompanies order

ARTHUR T. BODDINGTON, Seedsman

342 W. 14th St. NEW YORK CITY

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DIRECT IMPORTATIONS

AT FOREIGN GROWERS' PRICES

From BELGIUM, From HOLLAND: Palms, Araucarias, Bay Trees, Azalea Indica, etc. Boxwood, Rhododendrons, pot-grown Shrubs for forcing, etc.

From GERMANY: Valley Pips. Early or late forcing.

From ENGLAND: English Manetti, selected for grafting.

From JAPAN: Lilium Longiflorum Giganteum, Multiflorum, etc.

Full list of Japanese, Holland, English and French Nursery Stock

Write for catalogues, special lists, etc., mentioning the class of stock you are interested in.

RAFFIA 5 grades. Bale lots only.

Our business is import and wholesale only. Don't write unless you use sufficient to make direct separate importations.

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Exceptional quality—Best value offered to the trade.

Double white, pink and red.....per doz., $1.00; per 100, $6.00; per 1000, $50.00
Double named sorts, extra quality.....per doz., $1.25; per 100, $10.00

Write for prices of Tuberoses, Cannas, Dahlias and Cycas Stems.

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Established 1824. RICKARDS BROS., Props.

Importers and Growers of High-grade

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37 East 19th Street, Telephone 4235 Gramercy NEW YORK CITY

Sow Now Our Catalogue of new seeds for present sowing has been mailed. Should a copy have failed to reach you, we shall be glad to mail one on receipt of a postal.

YUESS GARDENS CO., 91 Water St., NEWBURGH, NEW YORK

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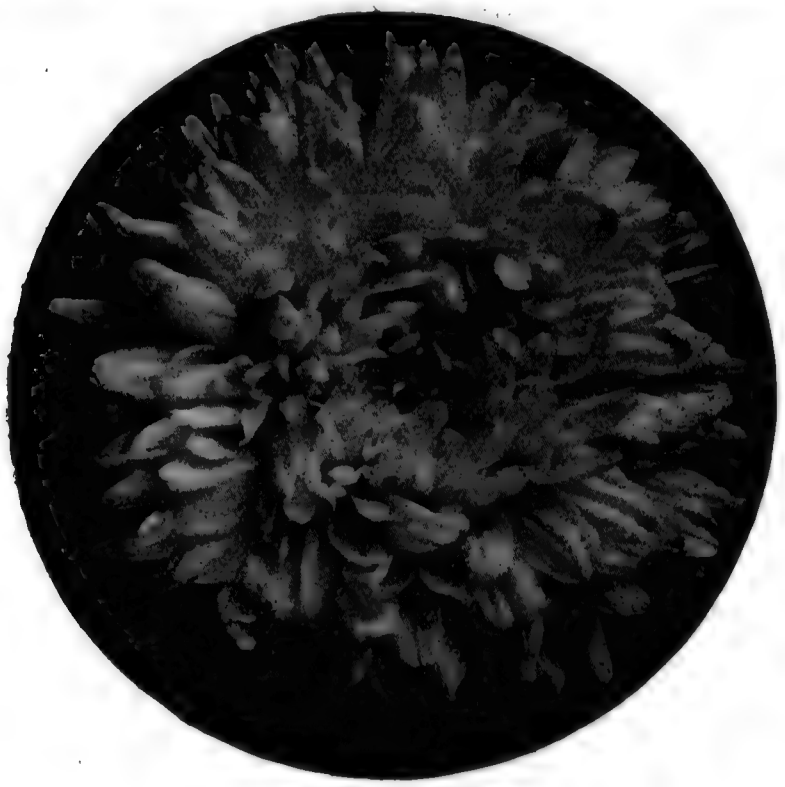
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OUR SPECIALTY

Next fall will be
LYCORIS SQUAMIGERA (Amaryllis Hallii.)
HOME-GROWN LILIUMS.
All varieties of German and Japan Iris.
—Write for prices—

JOHN LEWIS CHILDS, Floral Park, N. Y.

Dreer's Superb Asters



Dreer's Superb Late Branching Aster.



Crego's Giant Comet Aster.

We take special pains to secure only the very choicest Asters, and feel sure nothing finer in quality can be had at any price. We offer below a list of the very best for Florists' use. For complete list see our Wholesale Catalogue.

Dreer's Superb Late Branching Asters

The finest Aster for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September.

	Trade pkt.	Oz.
Azure Blue. A rich deep lavender	$0.25	$1.00
Pure White. Extra fine stock	.25	1.00
Shell Pink. An exquisite shade	.25	1.00
Rose Pink. A very desirable color	.25	1.00
Deep Rose. Rich and brilliant	.25	1.00
Deep Purple. Royal deep blue	.25	1.00
Lavender. A pale grayish-lavender	.25	1.00
Crimson. Very rich	.25	1.00
Finest Mixed. All the colors	.25	.75

Dreer's New Late Aster Crimson King

A superb new late branching variety, with perfectly double flowers of rich, rosy crimson, full of fire. Fine for cutting, showing up well under artificial light. 50c per trade pkt.; $3.00 per oz.

Late Aster Violet King

A new and distinct color in the Late Branching class, fine large double flowers of a pleasing shade of violet, a strong, free grower and very free flowering. 40c per trade pkt.; $2.00 per oz.

Crego's Giant Comet Asters

Magnificent fluffy flowers, averaging over 5 inches across, with long strong stems; the finest of this type. Comes into bloom in August, continuing well into September, and unlike most of the Comet sorts, stands when cut and is a good flower to ship. We offer two colors, our own saving, of the highest quality.

	Trade pkt.	Oz.
Shell Pink	$0.40	$2.50
Snow White	.40	2.50

Early Wonder Asters

This is the earliest Aster in cultivation, being in full bloom when Queen of the Market is only in bud, frequently coming into bloom in late June. Very valuable for cutting.

	Trade pkt.	Oz.
Early Wonder White. Pure glistening white	$0.40	$2.00
Early Wonder Pink. A good, clear pink	.40	2.00

Dreer's New Aster Pink Beauty

A magnificent cut-flower variety, in bloom from early August until well on in September; 24 to 30 inches high; flowers average 4 inches across, on long, strong stems. Color a delicate blush pink, and pronounced by experts to be the finest pink mid-season sort yet introduced. 50c per trade pkt.; $4.00 per oz.

Queen of the Market Asters

The best and most popular early Aster.

	Trade pkt.	Oz.		Trade pkt.	Oz.
White	$0.20	$0.60	**Rose**	$0.20	$0.60
Lavender	.20	.60	**Purple**	.20	.60
Pink	.20	.60	**Crimson**	.20	.60
Finest Mixed, all colors				.15	.50

Henry A. Dreer, Seeds, Plants and Bulbs, Philadelphia

Mention The Review when you write.

almost uninterruptedly with the Vick firm from that time, until failing health about a year ago necessitated his giving up active work.

Mr. Fuller's influence in the development of the business was scarcely second to that of Mr. Vick. His whole life was bound up in the work and his whole energy devoted to it. For years he had pursued the study of botany, and his extensive knowledge of plants was of great advantage. His knowledge of stocks was extensive and thorough; his judgment and accuracy were without equal; his honesty was unimpeachable. To his perfect integrity and absolute reliability the success of the Vick seed business was in no small degree due. He was a thorough seedsman, farseeing, conscientious and accurate.

During a trip to Europe, in 1888, Mr. Fuller was invited by Carter, Dunnett & Beale to inspect their trials of peas. His opinion was asked as to the quality of one particular variety. His reply was: "It's a daisy." This bit of American slang evidently impressed the famous English seedsmen, for a few years later this variety was introduced as Carter's Daisy, and fully justified Mr. Fuller's opinion of its good qualities.

His genial manner made him hosts of friends in the trade. Many a long chat over cigars did he and the veteran seedsman, William Meggatt, have in the old Vick Seed House on East avenue, in the eighties. Indeed, Mr. Fuller's geniality was one of his most prominent characteristics. He had a good story apropos to every occasion. His reminiscences of the early days of Rochester, and of the volunteer fire department of which he was a member, were particularly enjoyable. He was a member of Valley Lodge, No. 109, A. F. and A. M., since 1853, and Hamilton Chapter, No. 62, R. A. M.

He was also a member of the Rochester Academy of Science, giving devoted attention to the work of the Botanical Section of this society. In 1896, when the academy published a list of the plants of Monroe county, it was difficult to find a compositor sufficiently familiar with botanical terms to set up the list in a satisfactory manner. Mr. Fuller came to the rescue, and, though it was years since he had stood at the case, he set all the type for this work of more than 150 pages, a remarkable achievement for a man of his

years, as well as from a typographical standpoint. He was an undoubted authority on all botanical questions, and nowhere will his loss be more felt than in the Botanical Section.

With his fellow-workers in the seed business he was always pleasant, kind, patient and forbearing, with the old-time courtesy of manner so seldom seen nowadays. In his death they feel that "a good man has fallen."

AGAINST FREE SEEDS.

The following resolutions were unanimously adopted at the meeting of the Gardeners' and Florists' Club of Boston, February 15, 1910:

A resolve in favor of the repeal of the laws authorizing the free distribution of seeds by the government.

Whereas, after careful and painstaking investigation of the subject by men who were well qualified for that work, it appears that the need for the free distribution of seeds by the government no longer exists; that such free distribution is at present attended by so many abuses that few whom the act was intended to benefit do, in fact, receive any benefit therefrom; and

Whereas, enormous quantities of seeds are annually sent by congressmen through the mails, under the franking privilege, thereby adding greatly to the expense of the post-office department without contributing anything towards its support; and many of those to whom seeds are sent are not engaged in agriculture or gardening in any way or form; and in all these ways the government is put to great expense, and the aggregate benefits received by all, do not warrant the expenses incurred. Now, therefore, be it

Resolved that we, the Gardeners' and Florists' Club of Boston, in regular meeting assembled, do hereby favor the repeal of all laws providing for the free distribution of seeds by government; that we, individually, will urge the congressmen from our respective districts to use their influence to procure the repeal of such laws;

And be it further Resolved, that a copy of these resolutions be spread upon the records of this meeting, and that a copy be forwarded by the secretary of this club to the senators and representatives of this commonwealth in Washington, D. C.

ADULTERATED SEEDS.

Under date of February 16 the Secretary of Agriculture made the publication as required by law of the names of those from whom the Department had procured adulterated seeds. The list is materially shorter than in previous years and does not contain the name of a single one of the big seed houses of national reputation; the published parties mostly are those doing a local business and are probably more sinned against than sinning; they merely neglected to have the purchases tested, so did not know what they were selling, though nineteen of the forty firms have been caught before. The Secretary's circular comments on the situation as follows:

"During the calendar year 1909 seeds of red clover, alfalfa, orchard grass, and Kentucky bluegrass were obtained in the open market in accordance with the following paragraph in the act of Congress making appropriations for the Department of Agriculture:

The Secretary of Agriculture is hereby directed to obtain in the open market samples of seeds of grass, clover, or alfalfa, test the same, and if any such seeds are found to be adulterated or misbranded, or any seeds of Canada bluegrass (Poa compressa) are obtained under any other name than Canada bluegrass or Poa compressa, to publish the results of the tests, together with the names of the persons by whom the seeds were offered for sale.

"In carrying out the provisions of this act, 1,814 samples of seed were secured and analyzed under the direction of Mr. Edgar Brown, Botanist in Charge of the Seed Laboratory, and publication is here made of the analyses of the sixty-nine samples found to be adulterated or misbranded, together with the

FLORISTS' FLOWER SEEDS

		Trade pkt. of about 1000 seeds.	O
Aster—Queen of the Market, white, pink, light blue, mixed		$0.10	$0.
" Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, m xed		.25	1.
" Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed		.20	1.
" Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed		.15	1
" American Beauty		.25	2.
" Snowdrift		.25	1.
Pansy—Currie's International Mixture	⅛ oz., $1.25	.50	8.
" Giant Florists' Mixture	⅛ oz., .60	.85	4.
Verbena—Mammoth white, pink, purple, blue, scarlet, yellow, mixed		.20	1.
Stocks—Largest Flowering Dwarf Double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed		.25	2.
" Cut and Come Again, white, mixed		.25	2.

Send for 1910 catalogue and trade price list.

CURRIE BROS. CO., Seedsmen and Florists, MILWAUKEE, WIS.

Mention The Review when you write.

Reliable Seeds, Sow Now

			Trade pkt.
Alyssum Zangen's Carpet Queen, real dwarf, from pot-grown plants, extra selected of my own raising	6 tr. pkts., $1.25; oz.,	$5.00	$0.25
Begonia Zangen's New Pink Bedding Queen, best pink bedder.	6 tr. pkts..	2.50	.50
Echeveria Woodlawn, new, ready in 6 months after sowing	1000 seeds,	2.00	.50
Petunia, Zangen's **Single Ruffled and Fringed Hybrids**	6 tr. pkts.,	5.00	1.00
Phlox Drummondi, nana compacta. **Fireball..** Best for pot use.	oz.,	2.50	.35
Phlox Drummondi, dwarf **Roseball**	"	2.00	.30
Phlox Drummondi, nana compacta. **Snowball.**	"	3.00	.40
Phlox Drummondi Cecily, large flowered dwarf mixed	"	2.50	.35
Salvia Zangen's King of Scarlets, best late... Unexcelled strain	"	10.00	.50
Salvia Zurich, most valuable for early pot use.... of my own raising.	"	8.00	.50

If you are interested in Flower Seeds of horticultural and floricultural value, ask for Catalogue.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

Cold Storage

Our usual high grade quality.

PRICE ON APPLICATION

J. M. THORBURN & CO.

33 Barclay Street, through to 38 Park Place, NEW YORK.

Mention The Review when you write.

1000 Pounds of Rhubarb Seed

Seedsmen, make a Run on Rhubarb Seed

Plant this spring for roots for next winter's forcing. The cheapest way by far to raise **Rhubarb Roots** is to plant the seed in the spring and fine roots can be raised in **one** year.

Also fine **Stone Tomato Seed** at 50c per lb. Also 25,000 peach trees, one-year-old, and 10,000 peach trees, two-year-old; 1000 plum trees, 200,000 Giant Imperial Palmetto Asparagus roots, 20,000 Rhubarb roots, 300,000 Strawberry plants, layers; 5000 potted Strawberry plants, 1000 peach trees, 3 kinds to a tree.

WARREN SHINN, Nurseryman

Woodstown, N. J.

Mention The Review when you write.

LILIUM GIGANTEUM

7/9, fine bulbs, $24.00 per case. Ready for delivery from cold storage as desired.

SEEDS AND FLORISTS' SUPPLIES

Money-saving-price-lists—Free.

D. RUSCONI, 128 W. 6th St., CINCINNATI, O.

Mention The Review when you write.

Winter-flowering Sweet Pea Seed

All colors. Send for list.



This trademark must be on each packet; if not, send it back and order directly from the **Originator of All Winter-flowering Sweet Peas**

ANT. C. ZVOLANEK, Bound Brook, N. J.

Mention The Review when you write.

Fine Aster Seed

Catalogue now ready

Vick & Hill Co

P. O. Box 613 ROCHESTER, N. Y.

Mention The Review when you write.

Send for our new and complete Spring 1910 Catalogue.

Full List Seeds, Bulbs, Plants.

H. H. BERGER & CO.. 70 Warren St., New York

Mention The Review when you write.

Rawson's World Renowned Asters

We never had a dissatisfied customer with Rawson's Asters; we need no better recommendation. Rawson's Aster Seeds are fresh, plump and of unapproachable quality.

NOVELTIES FOR 1910

ASTER, AURORA. The most unique colored Aster ever introduced. Yellow, passing to old rose. The flower-petals first appearing are shaped similar to those of the "Comet" type and are a perfect yellow, but when the flower is fully expanded it takes on a tint of delicate fresh rose, which the artist calls "old rose." The plant grows fully 24 inches high in a pyramid form, and produces any quantity of double blooms 3½ inches across. Pkt., 35 cts.

ASTER, CACTUS CELESTINE. A new form of petal, resembling exactly a true Cactus Dahlia. The color is a most delicate lilac of unusual beauty. Pkt., 20 cts.

ASTER, CROWN OF GOLD. A pure, delicate yellow flower, of good size and borne on stout stems, resembling in shape the Victoria Aster. Its color is original and did not exist heretofore. Pkt., 20 cts.

ASTER, RAWSON'S NEW GLORY.

(Introduced by us in 1909.)

The most perfected type of Giant Comet that can possibly be produced. The flowers invariably measure 6 inches across and are always double. In our whole field last year we could not discover a single plant which showed the least sign of disease. The long stems are graceful and not stiff. Colors are distinct and most desirable for commercial use.

	⅛ oz.	¼ oz.	oz.
Pure White	$0.60	$1.00	$3.50
Delicate Lavender	.60	1.00	3.50
Shrimp Pink	.60	1.00	3.50
Finest Mixed	.50	.80	3.00

ASTER, TRIUMPH OF PARIS. The nearest approach to a yellow aster. The form is a single comet with a quilled center. The petals consist of two rows of glistening white, while the quills are a clear yellow. Stems range 2 feet in height and produce the giant blooms singly. A grand aster for the florist. ⅛ oz., $1.00.

THE CREGO ASTER. This aster is the nearest approach to a chrysanthemum of any flower grown. It is unusually large in size, running 4 to 5 inches in diameter when well grown. The petals are about double the length of those in the older varieties, and are twisted and curled in such a manner as to give the blossoms an exceedingly beautiful fluffy appearance. The plants are large and vigorous, producing their blossoms on very long stems. The central stalk is very short, the branches breaking out very near the ground, are generally clean their entire length, needing little or no disbudding, making it the easiest variety to prepare for market I have ever seen. Our seed is direct from the originator.

	⅛ oz.	½ oz.	oz.
Colors: Pure White	$1.00	$3.50	$6.00
Shell Pink. (Exact shade of Enchantress Carnation)	1.00	3.50	6.00
Dark Pink	1.00	3.50	6.00

ASTER, RAWSON'S PINK BEAUTY. Unquestionably a grand and valuable florist aster and mainly so on account of its color and massive flower. The form of flower is a perfected Victoria which never shows a center. The color is so intensely beautiful that a graphic description can never do it justice. Delicate peach-tinted pink with a glowing shade of rich pink towards the center. No other aster can boast of such a pleasing combination. The stem of this flower is fairly tall and very erect. The plant branches from the bottom. ⅛ oz., 60 cts.; oz., $4.00.

NOVELTIES FOR 1910—Continued

ASTER, GEISHA. This strain originated in Japan and this can easily be seen in the formation of the flower. We were so much impressed with the attention the visitors to Rawson's Dahlia Farm paid to this fantastic type that we were actually forced to catalogue it and now believe it has a great future. The plant is extremely robust and produces stout stems growing very erect and carrying their gigantic flower formed of fine needle-shaped tubed petals around a conspicuous central disc. The very open center of this flower has an immense charm which appeals to the public, and as we must first of all please them, this is a point in its favor.

	⅛ oz.	oz.
Colors: Pure White	$0.60	$4.00
Salmon Pink	.60	4.00
Delicate Lavender	.60	4.00
Finest Mixed	.60	4.00

STANDARD VARIETIES

DAWN OF DAY

(Novelty, 1908.) The earliest flowering Aster in existence. Fine white, perfect in form and growth, long branching stems and flowers; often three weeks ahead of Queen of the Market. It is of branching habit and very full and if freely cut will continue to bear blooms until late in fall. See last week's Review, page 8. ⅛ oz., 50c; oz., $3.00.

RAWSON'S NEW MIDSUMMER ASTER.

This is our own introduction. We have received high praise from all growers. It has most graceful formed flowers, which are borne on immense long stems full two weeks ahead of the Late Branching Aster, and the plants will continue to bear flowers as late.

The colors are true and hardly any open-centered flowers among them.

	¼ oz.	oz.		¼ oz.	oz.
Pure White	$0.60	$2.00	True Lavender	$0.60	$2.00
Delicate Shell Pink	.60	2.00	Bright Rose	.60	2.00
Royal Purple	.60	2.00	Finest Mixed	.50	1.50

RAWSON'S DAYBREAK. This variety must not be compared with the strain offered elsewhere and a trial will convince the ever-so-critical of its superiority. ⅛ oz., 40c; oz., $2.50.

RAWSON'S PURITY. (Pure white.) Of the same type as Daybreak, differing only in color, which is a pure glistening white. Just as free-flowering and symmetrical as Daybreak and undoubtedly unsurpassed as a white bedding variety. ⅛ oz., 50c; oz., $3.00.

ASTER, RAWSON'S LATE BRANCHING. Flowers are very large in size and borne on long, stiff stems. It is one of the best and most popular varieties for late flower markets.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.25	$0.75	Rose Pink	$0.30	$1.00
Crimson	.30	1.00	Shell Pink	.30	1.00
Dark Blue	.30	1.00	Scarlet	.30	1.00
Light Blue	.30	1.00	White	.30	1.00

RAWSON'S QUEEN OF THE MARKET ASTER. The best early Aster for the Florist, quality being very much improved.

	¼ oz.	oz.		¼ oz.	oz.
Finest Mixed	$0.15	$0.50	Rose	$0.20	$0.60
Crimson	.20	.60	Peach Blossom	.20	.60
Dark Blue	.20	.60	White	.20	.60
Light Blue	.20	.60			

TWO NEW SALVIAS FOR 1910

ZURICH. The best salvia yet introduced. Plants grow very compact, show little foliage and bear heavy flower spikes, which are thickly laden with bright scarlet flowers. Flowers early in July and remains in bloom with later varieties, ⅛ oz., 75c; oz., $5.00.

SALVIA SPLENDENS. KING OF CARPETS. The best dwarf bedding Salvia on the market today, outrivaling even "Zurich." The plants branch from the bottom and to such extent that the main stem is never visible. All side branches droop completely to the ground, making the whole plant a perfect half ball of fire. The plant grows but 15 inches high and flowers even earlier than "Zurich." ⅛ oz., $1.00; oz., $6.00.

The veteran Salvia grower, Mr. F. Bedman, says: "About the Salvia, 'King of Carpets.' It has done very well considering the dry weather that we have had, and I consider it one of the grandest dwarf salvias that I ever saw."

W. W. RAWSON & CO.

5 Union Street, BOSTON, MASS., U. S. A.

Mention The Review when you write.

names of the seedsmen by whom they were offered for sale.

"Of the 359 samples of alfalfa seed secured, 107 contained dodder. No lots were found to be either adulterated or misbranded.

"Of the 630 samples of red clover seed obtained, fifty-four, or less than ten per cent, were found to contain dodder, as contrasted with more than fifty per cent last year. The fact that a comparatively small number of samples of red clover were found to contain dodder this year is no doubt chiefly due to the low price of clover seed in the spring of 1909, little low-grade seed being imported from European sources. No samples of red clover seed were found to be adulterated or misbranded.

"Of the 379 samples obtained as orchard grass seed, fifty-five were found to be adulterated with seed of meadow fescue or rye-grass, or both. This is practically the same number of adulterated samples of orchard grass seed that was found in the calendar year 1908, showing that there has been little change in the amount of adulterated orchard grass seed on the market.

"Of the 446 samples of seed obtained as Kentucky bluegrass, fourteen were found to be wholly or in part seed of Canada bluegrass. This shows a decided decrease in the amount of adulterated seed of Kentucky bluegrass on the market as compared with last year, when thirty-nine samples were found. This decrease is no doubt partly due to the fact that there was less difference in price between Canada bluegrass and Kentucky bluegrass seed this year than in former years. Germination tests of this seed showed a variation from zero to ninety per cent, with an average of sixty-two per cent.

"On the whole, the results of this work for the year are very encouraging. No adulterant was found in the seeds of the two staple forage crops, red clover and alfalfa; there was a decided reduction in the number of samples of adulterated Kentucky bluegrass seed, and no increase occurred in the number of samples of adulterated orchard grass seed. The percentage of samples of red clover seed which contained dodder was only one-fifth of what it was a year ago. Of the forty firms whose names are published in this circular as selling adulterated seed, only nineteen have been previously pub-

lished for the same reason, indicating that the result of publication has been to deter dealers from continuing the sale of adulterated seeds. Of the nineteen names in this circular which have previously appeared, only eight have appeared more than once.

"As has been formerly stated in these publications, this Department will examine and report promptly as to the presence of adulterants and dodder in any samples of seed submitted for that purpose. According to the location of the sender, these may be submitted to the Seed Laboratory, at Washington, D. C., or to any of the following laboratories maintained through the coöperation of this Department: Branch Seed Testing Laboratory, Agricultural Experiment Station, Columbia, Mo.; Branch Seed Testing Laboratory, Agricultural Experiment Station, Lincoln, Neb.; Branch Seed Testing Laboratory, Oregon Agricultural College, Corvallis, Ore."

DETROIT.

The Market.

Market conditions remain about the same as reported last week. Business was, perhaps, not quite so brisk, causing a little piling up of stock. Carnations especially are becoming somewhat of a glut. Tulips in yellow and pink also are too plentiful. Roses are in good demand and by no means abundant. Many out of town shipments of roses arrive daily at the various stores, to take care of the demand.

Club Meeting.

A fairly well attended meeting of the Detroit Florists' Club was held Monday evening, February 21. The special event of the evening was a paper entitled "Cyclamen Culture," by Christ Winterich, of Defiance, O. The subject was covered in a most thorough manner, including every little detail in the successful culture of cyclamen, from the careful selection of the seed bearing plants to the packing of the large plants full of flowers for long distance shipment. After reading his paper, Mr. Winterich was the target for a fire of questions, each of which he answered in a most able manner.

A new start was given the fall flower show when a goodly sum was guaranteed by the members present. A special meeting was called, to be held Wednesday evening, February 23, at the Michigan Cut Flower Exchange, to further the plans for the show.

Various Notes.

B. Schroeter has been having a steady run of funeral work, which has more than kept all hands busy. Mr. Schroeter is contemplating the purchase of a large delivery auto.

E. A. Fetters' window was again prettily trimmed this week, in honor of Washington's birthday. Mr. Fetters spends perhaps more time in trimming his window than most Detroit florists, but this is one way of advertising where the results can be traced.

Breitmeyer's have an immense store and more window space than the average store and they always manage to have them well filled with a nice lot of well grown plants. Their store is always kept most attractive, with beautiful vases filled with choice flowers.

The Detroit Cut Flower Supply House is handling a nice lot of carnations.

H. S.

GLADIOLI...

Here is good value. All stock is 1½-inch and up.

	Per 100	1000		Per 100	1000
President Taft	$3.00	$25.00	Geo. Paul	$4.00	
Golden Queen	4.00	30.00	Giant Pink	4.00	$30.00
America	4.00	35.00	Le Pactole	3.00	25.00
Augusta	2.00	15.00	Klondyke	4.00	30.00
Africa	4.00		May	2.00	15.00
De Cheville	2.00	15.00	Mohonk	5.00	
Easter	1.50	12.00	Mrs. Francis King	2 50	20.00
Florida	2.00	15.00	Marie Lemoine	1.50	10.00

5 per cent discount for cash. Send for 1910 trade list.

E. E. STEWART, - Rives Junction, Mich.

Mention The Review when you write.

Lily of the Valley Pips

Chicago Market Brand

Finest Valley for forcing. $15.00 per 1000; $1.75 per 100.

H. N. BRUNS, 3040 Madison St., CHICAGO

Mention The Review when you write.

GLADIOLI

Brenchleyensis, May, Pactole, Ceres, La Marck, Isaac Buchanan, white and light, yellow and orange.

Madeira and Cinnamon Vines, Milla, Bessera, Oxalis, Iris, Lilies and other summer flowering Bulbs.

—Send for prices.—

E. S. MILLER

Wading River, Long Island, N. Y.

Mention The Review when you write.

Every Florist Who Grows

ASTERS

should send for our Aster Book immediately. Get your name on our files for our regular Florists' Wholesale Catalogue. These books are free.

When writing, mention this paper.

JAMES VICK'S SONS

ROCHESTER, N. Y.

Mention The Review when you write.

Asparagus Sprengeri	per 1000 seeds,	$0.75
Petunia, large-flowering, double-fringed, tr. pkt.		1.00
Petunia, large-flowering, single-fringed, tr. pkt.		.50
Petunia, large-flowering, single California Giants	tr. pk	.50
Salvia Zurich	oz.,	5.00
Salvia Triumph	oz.,	5.00
Moon Flower, white seed		.35

Fresh Tobacco Stems, bale of 300 lbs., $1.75; ton, $9.00.

W C. BECKERT, Seedsman

103 Federal St., N. S., PITTSBURG, PA.

Mention The Review when you write.

XXX SEEDS

ALYSSUM COMPACTUM, most dwarf and compact variety grown, perfect balls when grown in pots, pkt., 20c.

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Red-flowering Shades

	100	1000
Louisiana, 7 ft.	$1.75	$15.00
A. Bouvier, 5 ft	1.50	14.00
Beaute Poitevine, 3½ ft.	2.00	17.50
Black Prince, 3 to 4 ft	2 25	20.00
Chas. Henderson, 4 ft.	1.75	15.00
J. D. Eisele, 5 ft.	1.75	15 00
Exp. Crampbel, 5½ ft.	1.50	14.00
Pres. McKinley, 2½ to 3 ft.	1.50	14.00

Red, Gold-edged and Spotted Shades

	100	1000
Gladiator, 4 ft.	$2.75	$25.00
Cinnabar, 4½ ft.	1.75	15.00
Indiana, 3 to 4 ft.	1 75	15.00
Queen Charlotte, 3½ ft.	2.25	20.00
Mme. Crozy, 5½ ft.	2.25	20.00
Premier, 2½ ft.	2.00	17.50
Souv. de A. Crozy, 4 ft.	2.75	25.00

Pink Shades

	100	1000
Louise, 5 ft	$2.00	$17.50
Mlle. Berat, 4½ ft	1.75	15.00

Yellow Shades

	100	1000
C. de Bouchard, 4½ ft	$2 00	$17 50
Florence Vaughan, 5 ft.	2.50	20.00
L. E. Bailey, 4½ ft	2.75	25.00
Richard Wallace, 4½ ft	2.75	25.00

White and Cream Shades

	100	1000
Alsace, 3½ ft	$1 75	$15.00

Bronze-leaved, Large-flowered

	100	1000
Brandywine, 4 to 5 ft	$2.00	$17.50
Black Beauty, 5 ft	2.75	25.00
Egandale, 4 ft.	1.50	14.00
King Humbert, 4 ft	3.25	30.00
Musafolia, 5 ft	2 75	25.00
Pillar of Fire, 6 to 7 ft.	2 25	20.00
Shenandoah, 6 ft.	1.75	15.00

Orchid-flowering Cannas

	100	1000
Austria, 5 ft.	$1.25	$12.00
Italia, 4½ ft	1.75	15.00
Kronus, 5 ft	1.75	15.00
Mrs. Kate Gray, ft	1.75	15.00
Pennsylvania, 5 ft	1.75	15.00
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VEGETABLE MARKETS.

CHICAGO, Feb. 22.—Lettuce, 25c to 30c case; radishes, 15c to 35c doz. bunches; mushrooms, 15c to 30c lb.

BOSTON, Feb. 21.—Cucumbers, $4 to $13 box; tomatoes, 30c to 35c lb.; mint, 50c to 60c doz.; romaine, $1 to $1.15 box; escarolle, 50c to $1 doz.; radishes, $1.75 to $2 box; parsley, $2 to $2.25; mushrooms, $1.50 to $2 basket; rhubarb, 8c to 9c lb.; dandelions, $1.50 to $1.75 box; lettuce, 75c to $1 box.

NEW YORK, Feb. 21.—Mushrooms quite plenty and selling slowly at unimproved prices. Beet tops steady. Cucumbers weak. Lettuce scarce, but poor. Mint scarce and firm. Radishes steady. Rhubarb weak. Tomatoes arriving sparingly. Beet tops, 75c to 90c box; cucumbers, 75c to $1.50 doz.; lettuce, $1.50 to $2.50 strap; mushrooms, 15c to 40c lb.; radishes, $2 to $3 hundred bunches; rhubarb, 50c to 60c doz. bunches; tomatoes, 10c to 25c lb.

STRAWBERRY FOR FORCING.

What is the best variety of strawberry for forcing? F. E.

I have found Marshall to be much the best all-around variety for forcing in Massachusetts. Nick Ohmer does well, also Sample, but neither will compare with Marshall in size, color or flavor. I am this year trying Golden Gate, which seems promising. If restricted to one variety, I would certainly grow Marshall. W. N. C.

DISEASED LETTUCE.

I am mailing you today a package of three lettuce plants and I should like to have you tell me the cause of the disease and the remedy, if there is any. It is spreading over my house fast. There never was any of the disease until last month. The first crop I raised this winter on the same ground was fine, with plants weighing from four to twelve ounces. The samples enclosed are the worst I could find. W. K. S.

The samples of lettuce are badly attacked by a species of fungus. All fungous diseases must start from spores, which correspond to the germs of diseases of animals. These spores seem to be ever present and waiting for an opportunity to take hold and spread all over a crop. A fungus is really a plant-like growth, which lives on the leaves of plants instead of in the soil. Conditions which are just right for the plants are not so for the fungus, and it is when the plants do not have the ideal conditions that these spores of fungous diseases germinate into life and rapidly spread over a crop.

The principal causes of the spread of such diseases are insufficient ventilation and too much moisture on the foliage and on the surface of the soil. If the plants are packed closely the conditions are usually worse, because the circulation of air among them is hindered and they remain dark and wet much of the time, giving the diseases an opportunity to become active. One of the best preventives is plenty of fresh air, not admitting a strong, cold draft, but keeping the temperature of the houses even and at the proper figures. It is necessary, also, to give close attention to watering, being careful not to water too often, but watering well when you do water, thoroughly wetting the soil, so it will not need it again for several days. Frequent light waterings keep the surface and the foliage wet most of the time. Watering should be done in the forenoon and the houses should be ventilated each day, if only a trifle, and kept open as much of the day as possible, considering the temperature.

Too high a temperature also makes plants weak and soft, and thus an easy prey for disease.

Your plants, however, look as if they had received good care, except that possibly they had too much water sprinkled over the leaves. Try keeping them drier and keeping the ventilators open more of the time. Pull out the unsalable plants and destroy them. Scrape off the top soil where they were removed. Watch the temperature and keep it even and about the same each day. A night temperature of 45 to 50 degrees, with the day temperature 10 to 15 degrees higher when the sun is shining, is about right. On cloudy days the temperature should not be much higher than at night. A mixture of air-slaked lime and sulphur is excellent to use for dusting over the surface of the soil to kill off and keep down the disease, but it is better not to get much on the foliage of plants when they are of good size. H. G.

ONIONS FROM FIELD-SOWN SEED.

Kindly inform me whether Prizetaker onion seed, sown directly in the field here, in northern Illinois, would produce good, marketable onions. H. B.

Yes, good onions for market can be so grown, provided the ground is suitable for onion growing. The Prizetaker is similar in all ways to the other Globe sorts, and will usually do well where the soil and conditions of weather would make a good crop of such varieties. There is thought to be a considerable gain in size and in earliness of maturity in Prizetaker onions, if the seed is sown in beds early in spring and they are transplanted later. The gain, however, does not always compensate for the extra expense entailed, and in the north the usual custom is to sow the seeds where the crop is to be made.

The Prizetaker is not as good a keeper as the other Globe varieties and is not as safe stock to plant if the idea is to hold the onions over winter. For fall sales, however, the Prizetaker is a good onion.

ST. PAUL.

The Market.

Valentine's day brought a good trade in violets, there being an ample supply for the immense demand. So far we have had no coal troubles, such as some of the trade have experienced this winter, and while we had an abundance of snow and plenty of cold weather, we have not had severe storms and have had lots of sunshine since New Year's.

Easter stock promises to be of the

LET ME SEND YOU FREE SAMPLES OF
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Yellow Strasburg, Flat Danvers, White Portugal } For Sets
Yellow Globe Danvers, Southport Yellow Globe, Mammoth Yellow Prizetaker, Southport White Globe
Write for prices, stating quantity wanted.
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A tried and proven success. Keep out frost and draw heat. Equal for forcing to the famous bell jars used in France. Field trials show four times the yield, ripening a month ahead of season, and value increased 100 times. No blight or insects. Useful for lettuce, rhubarb, melons, etc. Hold water for irrigation. Patent just issued on protectors, and line wire opens or closes 100 instantly. Illustrated treatise tells how to make them quickly at 2c each, how to make molds at 25c. Also, full information about this method. Each purchaser of book has privilege to make mold and protectors. Mention this paper and send $1.00 for book. Money back if not satisfied.
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PARSLEY—25c per 100; $1.25 per 1000.
LETTUCE—Big Boston, Boston Market, Grand Rapids, $1.00 per 1000.
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Wholesale Cut Flower Prices.

Philadelphia, Feb. 23, 1910.

	Per doz.
Beauty, Specials	$6.00 to $7.50
" Extra	4 00 to 5 00
" Medium	2.50 to 3 00
" Short	1.00 to 1.50
	Per 100
Killarney, My Maryland, Select	$12.00 to $15.00
" " Ordinary	4 00 to 8.00
Maid, Select	8.00 to 10.00
" Ordinary	3 00 to 6.00
Bride, Richmond, Select	12.00 to 15 00
" " Ordinary	5 00 to 8 00
Carnations, Fancy	2 50 to 3.00
" Select	2.00
" Ordinary	1.00 to 1 50
Easter Lilies, per doz, $1 50	10.00
Callas, per doz, 1.50	
Adiantum	1.00 to 1.50
Asparagus Plumosus, strings	50.00 to 75.00
" " sprays	50 00
" Sprengeri, "	50 00
Smilax	15.00 to 20.00
Valley	3 00 to 4 00
Cattleyas, per doz., $7.50	50.00
Cypripedium, doz., $1.50	
Gardenias, doz, $2.00 to $4.00	
Violets, Double, Fancy	.75
" Ordinary	.50
Violets, Single, Fancy	.50 to .75
" Ordinary	.40
Sweet Peas	.50 to 1 00
Yellow Daisies	2.00 to 2.50
White "	1 50 to 2 00
Mignonette	3 00 to 5.00
Pansies	.75 to 1.00
Snapdragon	1.00 to 1 50
Romans	1.50 to 2 00
Paper Whites	2.00 to 2.50
Daffodils	2.00 to 4.00
Freesias	3.00 to 4 00
Tulips	2.00 to 3 00
" fancy doubles	4.00 to 5.00
White Lilac, per bunch, $1 00	
Acacia pubescens, per bunch, 2.50	
Myosotis	2.00
Dagger Ferns, per 1000, $2 00	

usual good quality and quantity, though some growers will be short of lilies and roses.

Club Meeting.

The regular monthly meeting of the Twin City Florists' and Gardeners' Club, held February 15, was decidedly interesting. After receiving the reports of the flower show committees, it was decided to hold the first annual show in Minneapolis next fall. The guarantors, mostly Minneapolis growers and retailers, will have active management of the show, but a committee appointed by the club will prepare the premium list.

J. P. Jorgenson, of Minneapolis, read an instructive paper on "Rose Grafting," illustrating it with specimens.

L. Boeglin exhibited some choice Cineraria stellata and C. stellata hybrida multiflora.

A. Currie, Jr., of Milwaukee, was present and addressed the meeting.

Mr. Van Zonnwold, of Sassenheim, Holland, was also present and offered $25 as a special prize at the coming flower show.

Various Notes.

Holm & Olson are planning to erect five new houses in the spring. Work will be commenced as soon as possible. This range will be used principally for mums. O. J. Olson is in Chicago.

The second annual dance of the Twin City Florists' and Gardeners' Club, held at Minneapolis, February 7, was an enjoyable affair, participated in by 250 belonging to the trade. The Minneapolis boys, who arranged the affair, are to be congratulated on the magnificent success of the affair.

G. A. Clausen, of Albert Lea, was a caller Saturday, February 19.

The St. Paul and Minneapolis bowlers will meet in the latter city Thursday evening, February 24, So far the teams are even on games, although St. Paul is nearly 200 ahead on total pins in the series. Now is the opportunity for sweet revenge by the Minneapolis brethren.

X. Y. Z.

FANCY GARDENIAS, DAFFS AND PEAS
GRAFTED ROSES. White Killarney, Waban Strain, $120.00 per 1000. Pink Killarney, Maryland, $100.00 per 1000. From 2½-in. pots, delivery March 15.
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Wholesale Cut Flower Prices.

St. Louis, Feb. 23, 1910.

	Per doz.
Beauty, Specials	$4.00 to $5.00
" Extra	1 50 to 3.00
" Shorts	.50 to .75
	Per 100
Bride and Maid, Specials	$ 3.00 to $ 5.00
" No. 1	2.00 to 3.00
Richmond	4 00 to 8.00
Carnot	4 00 to 8 00
Ivory	4.00 to 8 00
Killarney	4.00 to 8 00
Carnations, Fancy	1.50 to 2 00
" Common	.75 to 1.00
Adiantum	.75 to 1.00
Asparagus Plumosus, strings	35 00 to 50.00
" sprays	1.00 to 1.50
" Sprengeri "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15 00
Violets, Single	.10 to .20
" Double	.25 to .50
Romans	1.00 to 3.00
Paper Whites	1.00 to 3.00
Harrisii	10.00 to 12.50
Callas	10.00 to 12.50
Tulips	3.00 to 4 00
Von Sion	3.00 to 4.00

CHESTER, PA.—M. E. Pierce recently celebrated his seventy-second birthday, or it might be more accurate to say that his friends celebrated it for him. They secretly met in one of his greenhouses and arranged seventy-two candles as part of a floral design surmounting a huge cake, and the illumination so startled Mr. Pierce that he at first thought the building was on fire.

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GRAND RAPIDS, MICH.—W. L. Cukerski has just completed his new greenhouses at West Fulton street and Valley avenue, comprising 18,000 ft. of glass, where he will carry on a general florist's business. Mr. Cukerski also has a farm of seventy acres, near the city limits, which will be devoted to nursery purposes. He will make a specialty of landscape work, laying out private grounds, parks, cemeteries, etc.

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New York, Feb. 21, 1910.

	Per 100
Beauty, Specials	$30.00 to $50.00
" Fancy	20.00 to 30.00
" Extra	10.00 to 15.00
" No. 1	6.00 to 10.00
" No. 2	1.00 to 4.00
Bride and Maid, Specials	6.00 to 8.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 2.00
Richmond	2.00 to 12.00
Chatenay	2.00 to 10.00
Killarney	2.00 to 10.00
My Maryland	2.00 to 10.00
Orchids	30.00 to 50.00
Carnations, Common	.50 to 1.00
" Select and Fancy	1.00 to 2.00
" Novelties	2.00 to 4.00
Adiantum Cuneatum	.50 to .75
" Croweanum	.75 to 1.00
Asparagus Plumosus, bunches	15.00 to 25.00
" Sprengeri "	10.00 to 20.00
Smilax	8.00 to 10.00
Lilies	4.00 to 6.00
Lily of the Valley	1.00 to 3.00
Gardenias	5.00 to 20.00
Violets	.25 to .50
Callas	8.00 to 10.00
Cypripediums	8.00 to 10.00
Sweet Peas.....per bunch, 2c to 8c	
Narcissi	1.00 to 2.00
Roman Hyacinths	1.00 to 2.00
Tulips	.50 to 2.00
Stevia, bunch	$0.05 to $0.25
Mignonette...per doz.,	.25 to .50
Daffodils	1.00 to 2.00
Lilac, bunch	50c to $1.00
Pansies, bunch	3c to 5c

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Phone, 551 Madison Square, NEW YORK

Violets, Roses, Carnations, Orchids

Established 1888.

GROWERS — Important — Special advantages for you this season. Write or see us.

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55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK

OPEN ALL DAY

An Unexcelled Outlet for CONSIGNED FLOWERS

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We manufacture all our Metal Designs, Baskets, Wire Work and Novelties.

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Room for the products of growers of first-class stock

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24 Stone Street, ROCHESTER, N. Y.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Boston, Feb. 23, 1910.

	Per 100.
Beauty, Specials	$40 00 to $50.00
" Extra	20.00 to 30.00
" Short Stems	8.00 to 15.00
Bride and Maid, Select	4.00 to 5.00
" " Seconds	2.00 to 3.00
Chatenay	2.00 to 10.00
Killarney	3.00 to 16.00
White Killarney	4 00 to 16.00
Richmond	4.00 to 16.00
My Maryland	3.00 to 12.00
Carnations, Special	3.00 to 4.00
" Select	2.00 to 2.50
" Ordinary	1.50
Cattleyas	40.00 to 50.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, strings	30.00 to 50 00
" " sprays, bunches,	25.00 to 50.00
" Sprengeri, bunches	25.00 to 50.00
Adiantum	.50 to 1.00
Smilax	10.00 to 12 50
Sweet Peas	.25 to 1.50
Lilium Longiflorum	8.00 to 10.00
Tulips	2.00 to 3.00
Pansies	.50 to 1.00
Violets	30 to .75
Gardenias	20.00 to 25 00
Cypripediums	8 00 to 10.00
Roman Hyacinths	1.50 to 2.00
Mignonette	2.00 to 6.00
Bouvardia	2 00 to 3.00
Callas	8.00 to 10.00
Yellow Narcissus	2.00 to 3.00

THE REVIEW sends Scott's Florists' Manual postpaid for $5.

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Telephone 3870-3871 Madison Square

The Largest Shippers and Receivers of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

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(Established 1882)

Receiving Extra Quality American Beauties and all other varieties of Roses.

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Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.

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BONNET & BLAKE

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130 Livingston St., BROOKLYN, N. Y.

TELEPHONES, 1293 and 1294 MAIN

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114 West 28th Street, NEW YORK CITY

Tel. 3063 Madison Sq.

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WILLOW AND FANCY BASKETS FOR FLORISTS

Dealers in Florists' Supplies

Our Specialties, Wheat Sheaves and Baskets.

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WHOLESALE FLORIST

43 West 28th Street, Tel. No. 3391 Mad. Sq. New York City

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UNITED STATES CUT FLOWER CO.

Wholesale Florists

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The best way to collect an account is to place it with the

National Florists' Board of Trade

56 Pine Street, NEW YORK

Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.

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Percy Jones

60 Wabash Avenue, Chicago

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Vaughan & Sperry

WHOLESALE FLORISTS

52-54 WABASH AVE., CHICAGO

Write for Special Prices.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Feb. 23, 1910.

	Per doz.	
Beauty, long stems	$4.00 to	$5.00
" 36-in. "		3 00
" 30-in. "		2 50
" 24-in. "		2.00
" 20-in. "		1 50
" 15-in. "		1 25
" 12-in. "		1.00
" short "		.75
	Per 100	
Bridesmaid, Specials	$8 00 to	$10.00
" Firsts	5 00 to	6 00
" Short	3.00 to	4.00
Bride, Specials	8 00 to	10.00
Firsts	5.00 to	6 00
Short	3.00 to	4 00
Richmond, Specials	10.00 to	12 00
Firsts	6.00 to	8 00
Seconds	3 00 to	5 00
Uncle John, Specials	6.00 to	8.00
" " Firsts	4.00 to	5.00
" " Short	3 00 to	4 00
Killarney, Specials	12.00 to	15.00
" Firsts	8.00 to	10.00
" Seconds	4.00 to	6 00
White Killarney, Specials		12.00
" " Firsts	8.00 to	10 00
" " Seconds	4.00 to	6.00
My Maryland, Specials		12 00
" Firsts	8.00 to	10.00
" Seconds	4.00 to	6.00
Mrs. Jardine, Specials	10.00 to	12.00
" Firsts	6.00 to	8.00
" Seconds	4.00 to	5.00
Perle	4.00 to	8.00
Carnations, Select	1.50 to	2.00
Fancy		3.00
Violets	.50 to	.75
Sweet Peas	.50 to	1.50
Paper Whites		3 00
Romans		3.00
Jonquils		3.00
Daffodils		3 00
Tulips	3.00 to	4.00
Freesia		3.00
Cattleyas, per doz.,	$6 00 to	$7 50
Gardenias "	2.00 to	4.00
Easter Lilies "	1 50 to	2 00
Callas "	1.50 to	2.00
Valley	3.00 to	4.00
Asparagus, strings	50.00 to	75.00
" sprays, bunch,	35c-75c	
" Sprengeri "	25c-35c	
Ferns, per 1000,	$2 00	.25
Galax "	1.00	.15
Adiantum	.75 to	1.25
Farleyense	8.00 to	12.00
Smilax, per doz.,	$1.50 to	$2.00
Leucothoe		.75
Boxwood, per case,	$7.50	

The Munk Floral Co.

WHOLESALE GROWERS OF

Cut Flowers

Columbus, :: Ohio

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SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

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PHONE CENTRAL 879

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Greenhouses, Des Plaines, Ill. Store, 51 Wabash Ave., CHICAGO

Long Distance Phone, Randolph 2758.

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Room 216. L. D. Phone 3284 Central

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37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty..... WHOLESALE GROWER of CUT FLOWERS

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Everything a Florist Uses

The Denver Wholesale Florists Co.

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CUT FLOWERS received twice daily, and can fill your orders to your satisfaction. A complete line of Hardy Greens — WILD SMILAX, BOXWOOD, HARDY FANCY FERNS, GALAX LEAVES, etc.

Write for quotations on large quantities

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WELCH BROS., 226 Devonshire Street, Boston

The Largest Wholesale House in America

Orchids :: American Beauties :: Gardenias :: Other Seasonable Flowers

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Wholesale Growers of... Cut Flowers

All telegraph and telephone orders given prompt attention.

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Our Specialties.

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WHOLFSALE FLORISTS AND GROWERS

The House That Has and Sells Good Goods at Fair Prices .·. .·.

Sales Rooms, 222 Oliver Avenue, PITTSBURGH, PA.

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Wholesale Cut Flower Prices.

Pittsburg, Feb. 23, 1910.

	Per doz.
Beauty, Specials	$5.00 to $6 00
" Fancy	3 00 to 4.00
" Medium	2.00 to 2.50
" Short	.75 to 1.50
	Per 100.
Bride and Bridesmaid, Fancy	$10.00 to $12.00
" " Medium	6 00 to 8.00
" " Short	4.00
Richmond	8.00 to 15.00
Killarney	6.00 to 15 00
White Killarney	6.00 to 15.00
My Maryland	6.00 to 12.00
Carnations	3 00
" Ordinary	1.50 to 2.00
Adiantum	1 00 to 1 25
Smilax	15 00
Valley	2.00 to 4.00
Lilies	12.00
Roman Hyacinths	1 50 to 3 00
Paper White Narcissi	3 00
Sweet Peas	.50 to 1 00
Mignonette	3 00 to 4.00
Cattleyas	50 00 to 60.00
Daisies	1.50 to 3 00
Violets	.50 to 1.00
Single Violets	.50 to .75
Trumpets	3.00 to 4 00
Callas	12.00
Tulips	3.00 to 4.00
Pansies	1.00
Primroses	.15 to .50

Buffalo, Feb. 23, 1910.

	Per doz.
Beauty, Specials	$5.00
" Fancy	4.00
" Extra	3 00
" Firsts	1.50
" Shorts	$0.75 to 1.00
	Per 100
Bride, Killarney and Maid, Special	$12.00
" " " No. 1	$ 8.00 to 10.00
" " " No. 2	6.00 to 8 00
" " " Shorts	4.00 to 6 00
Richmond	6.00 to 12.00
White Killarney	8 00 to 12.00
Maryland	6 00 to 10.00
Carnations	2 00 to 3.00
Adiantum Cuneatum	1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, strings	40.00 to 50.00
" " sprays	1.00 to 2 00
" Sprengeri "	1 00 to 2.00
Lily of the Valley	4.00 to 5.00
Smilax	12.00 to 15.00
Longiflorum	12 50 to 15.00
Ferns per 1000, $2.00	
Boxwood Sprays, 20c lb; $7.50 case	
Galax per 1000, $1.50	
Violets	.50 to .75
Paper Whites	2.00 to 3 00
Stevia	1 00 to 1.25
Romans	2.00 to 3 00
Daisies	1.00 to 1.50
Sweet Peas	.50 to 1.00
Mignonette	3.00 to 5 00
Tulips	2 00 to 4.00
Daffodils	2.00 to 4.00

Milwaukee, Feb. 23, 1910.

	Per 100
Beauty, Long	$30 00 to $50.00
" Medium	15.00 to 20.00
" Short	8 00 to 12 00
Bride and Bridesmaid	4 00 to 10.00
Chatenay	4.00 to 10.00
Richmond	4.00 to 10.00
Killarney	6.00 to 12 00
Perle	4.00 to 10.00
Carnations, Fancy	3.00 to 4.00
" Good	1.50 to 2.00
Valley	3.00 to 4.00
Asparagus Plumosus, strings	50.00 to 60.00
" " sprays	3.00 to 4.00
" Sprengeri "	2.00
Adiantum	1.00 to 1.50
Lilies per doz., $2.00	
Ferns per 1000, 2.00	
Violets	.50 to 1.00
Sweet Peas	.75 to 1.00
Paper Whites	2.00 to 3.00
Stevia	2 00
Trumpets	3.00 to 4.00
Tulips	3.00 to 4.00
Von Sions	3.00 to 4.00
Freesia	3.00

CINCINNATI HEADQUARTERS

FOR CARNATION CUT BLOOMS, $2.00, $3.00, $4.00 per 100

Violets, Daisies, Snapdragons, Lilies and all other Cut Flowers in season.

Greens Greens Greens

Wild Smilax, 50 lb. case, $5.00; 2 cases, $9.00; 4 cases, $16.00

Cut Boxwood, 15c per lb.; 50 lbs., $6.00; 100 lbs., $11.00.
Leucothoe Sprays, per 100. 50c; 1000, $4.00.
Galax, Green and Bronze, 1000, 75c; 10,000, $6.00.
Smilax, per doz. strings, $1.50.
Fancy Eastern Cut Ferns, per 1000, $1.75.
Green Sheet Moss, per bale, $1.00.
Sphagnum Moss, per bale, $1.00.

Write me for special quotations on large orders.

WILLIAM MURPHY, Wholesale Commission Florist
311 MAIN STREET, Phone M 980 CINCINNATI, OHIO

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E. G. Gillett

Wholesale Florist

Successor to GILLETT & OHMER

131 East 3d Street, CINCINNATI, O.

All Cut Flowers in Season

I sell Heller Bros.' Roses.

I Manufacture Wire Work

Get your order in now for
Hanging Baskets, "The Best"
"The Strongest" "The Cheapest"

Green Sheet Moss, $1.00 per bundle.
Sphagnum Moss, $1.00 per bale.

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Welland & Ollinger

128 E. Third St., CINCINNATI, OHIO

Wholesale Growers and Shippers of Cut Flowers

Greenhouses, NEW CASTLE, IND.

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C. E. CRITCHELL

Wholesale Commission Florist

Cut Flowers and Florists' Supplies

Consignments Solicited

WIRE GOODS OF ALL KINDS

Write for Price List

34-36 East Third Street, CINCINNATI, O.

Mention The Review when you write.

ROCHESTER, MINN.—J. H. Shelton has been pushing the valentine-birthday business for years, sending a bouquet each year to several of his customers whose birthdays were February 14.

OMAHA, NEB.—Lewis Henderson reports that the general business has been good since the holidays, with fine weather and the stock coming in abundantly and selling well. St. Valentine's day was a busy one for the florists. Mr. Henderson says that Cupid seems to have discovered that flowers are most appealing to the hearts of his victims and the florists have profited thereby. The social part of the Omaha Florists' Club has been somewhat at a standstill; however, they are preparing for a social gathering in the near future.

Ever Ready Flower Pot Covers

The best and cheapest Pot Covers now on the market.

New Reduced Price List



To fit	Per doz.	100
4-in. pots	$1.00	$ 7.00
5-in. pots	1.10	8.00
6-in. pots	1.20	9.00
7-in. pots	1.35	10.00
8-in. pots	1.60	12.00
9-in. pots	1.85	14.00
10-in. pots	2.10	16.00
12-in. pots	2.35	18.00

Order now. Covers can be had in green, pink, white and red. Specify whether you wish Covers to fit standard, ¾ or ½ size pots.

Only 5c in stamps sent, will bring prompt response of a sample cover, by mail, with all details of sizes and colors.

Ever Ready Flower Pot Cover Co.

W. H. GREVER, Manager

146 Hughes Avenue, BUFFALO, N. Y.

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The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS

CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. :: :: Price lists on application.

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714 Penn Ave., Pittsburg, Pa.

All Flowers in Season

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The McCallum Co.

Wholesale CUT FLOWERS

and Florists' Supply House

Headquarters of Western Pennsylvania Growers

937 Liberty Ave., PITTSBURG, PA.

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New York State Grown Roses

GENERAL VARIETY OF NURSERY STOCK. FLORISTS' WANTS A SPECIALTY.

Pyramidal Tree Box, Lilacs, Tree Snowball, Hydrangeas, Peonies, Fruit Trees, Ampelopsis, Privet, Evergreens.

W. & T. SMITH COMPANY

64 Years GENEVA, N. Y. 800 Acres

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Officers for 1909-10: Pres., F. H. Stannard, Ottawa, Kan.; Vice-pres., W. P. Stark, Louisiana, Mo.; Sec'y, John Hall, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y. Thirty-fifth annual meeting, Denver, June, 1910.

CHERRY isn't as scarce as it has been some seasons.

W. A. PETERSON is the only landscape man of the campus commission of the Northwestern University.

ORLANDO HARRISON, of Berlin, Md., says the nurseryman is the hardest worked man you will find; hardest worked both physically and mentally.

NOT a few nurserymen, for one reason or another, have become orchardists as well, usually to their advantage financially as well as educationally.

CHARLES F. SCOTT, of Kansas, is chairman of the congressional committee on agriculture that has before it the bill for the inspection of foreign-grown nursery stock.

ANY florist who will plant some of the best modern lilacs in his home grounds will find that the plants in bloom will bring a most gratifying number of orders.

THE Illinois Outdoor Improvement Association has issued a pamphlet by Jens Jensen, Chicago, entitled "Improving a Small Country Place," reprinted from one of the general magazines.

ALL the wholesale nurserymen are anticipating a first-class clean-up this spring, and are asking good prices for many items, but there appears to be an excellent supply of stock in the storage houses.

APPLE orcharding in the west and northwest promises to increase rapidly for years. Until the supply of fruit reduces the price to much less than it now is in the city markets, hundreds of thousands of trees will be called for each season.

J. R. MAYHEW, the well known nurseryman at Waxahachie, Tex., thinks that guaranteeing nursery stock to live is wrong, both in principle and practice; he says the custom is responsible for a large part of the troubles that beset the trade and become a serious matter after such an extremely dry spring as that of last year.

NAME OF HEDGE PLANT.

Will you give me the botanical name for the hedge plant, specimen of which is sent under separate cover?

C. W. O.

The botanical name of this hedge plant is Euonymus radicans. C.

Last Fall

My output of California Privet was greater than ever before

Ribsam's Reputation

Orders booked now daily. Owing to bushiness and fibrous roots my plants are far above the average grade sold by others at less prices; just one order will enroll you as one of our regular patrons. Thanking all for past favors.

California Privet

	Per 100	Per 1000	Per 10,000	Per 20,000
Our Special, 3 to 4 feet	$6.00	$40.00	$350.00	$650.00
Extra Bushy, 2½ to 3 feet	5.00	35.00	300 00	550.00
Our No. 1, 2 to 3 feet	3 50	25.00	200.00	350.00
Our No. 2, 1½ to 2 feet	2.50	17.50	150.00	250.00
Our No. 3, 10 to 18 inches	1.50	12.00	100.00	175.00

Packed free. Our stock is A1 in every respect, and I prefer you to call and see it. A trolley line from P. R. R. station leaves you at my gate, only 10 minutes' ride. Hoping to see you and have your order as early as possible, as I have only 300,000 left for this spring's delivery, I remain, yours truly,

Carlman Ribsam, Office, 31 Wall St. Nursery, Hamilton Ave. **Trenton, N. J.**

Mention The Review when you write.

Grape Vines

All old and new varieties. Large stock. Warranted true. Can furnish a special heavy two-year grade with large roots and good tops for florists' retail trade. Write for catalogue and price list.

T. S. HUBBARD CO., Fredonia, N. Y.

Mention The Review when you write.

Bassett's Dahlias

Field roots—Jack Rose, Fringed Beauty, Rose-pink Century, Cardinal, $3.50 per doz.; $25.00 per 100. Best cut flower varieties, $1.00 per doz.; $5 00 per 100.

2-yr.-old Peonies, $10 00 per 100.

J. Murray Bassett, Hammonton, N. J.

Mention The Review when you write.

LARGE TREES

OAKS AND MAPLES, PINES AND HEMLOCKS

ANDORRA NURSERIES

Wm. Warner Harper, Prop.

Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

MINNEAPOLIS.

There has not been much doing in the line of receptions, etc., since Lent began. Small sales are the vogue, including simple flowers for the home or a bunch of violets to wear, with an occasional small dinner decoration. These, with funeral work, occasion but little demand. The bright weather has brought out a fine lot of stock and helped along the Easter stock, so that there cannot be much drawback between now and the time the sales will begin.

The club meeting February 15 brought the final returns of the appropriations for the flower show, to be held next November. Minneapolis brought in $15,000, an amount away ahead of that guaranteed by St. Paul. The show, therefore, will be held in this city, and promises to be enthusiastically taken hold of.

M. E. M.

FIELD GROWN SHRUBS IRIS PÆONIES ROSES

The United States Nursery Co

RICH, Coahoma Co., MISS.

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Peonies a Specialty

Write us for latest price list

PETERSON NURSERY,

Stock Exchange Building, CHICAGO.

Mention The Review when you write.

PEONIES

Humei, late rose; R. Hortense Tyrian red; Mme. Douriere, pink and salmon, for lawn planting. $3.00 per 100, March delivery.

Thomas J. Oberlin

Sinking Spring, · Pennsylvania

Mention The Review when you write

FOR IMMEDIATE DELIVERY

ROSES

Dormant, field-grown, on own roots.

Sweetheart, Trier, Dorothy Perkins, T. Blumschen, Lady Gay, La Flamma, Debutante, Hiawatha — 12c each

Tausendschon, Barbier — 20c each

Clematis Paniculata, field-grown, 1-year, 6c each.

Clematis Paniculata, field-grown, 2-year, 10c each.

Hydrangea Paniculata Grandiflora, 18 to 24-in., 6c

Hydrangea Paniculata Grandiflora, 2 to 3 ft., 9c.

Viburnum Plicatum, 2 to 3 ft., 12c.

Viburnum Plicatum, 3 to 3½-ft., 15c.

Chinese Sacred Lilies, $3.00 per 100; $25.00 per 1000

Dutch Hyacinths, named varieties, single and double, 45 kinds.

First size bulbs.....$ 6.00 per 100
Extra large, exhibition size..... 10.00 per 100

Write for our special prices on Hardy Shrubs.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

FOREST TREE SEEDLINGS

We Have Millions of Seedlings

BLACK LOCUST, CATALPA SPECIOSA Red Bud, Sweet Gum, Sycamore, Persimmon, Poplar, Ash, Elm, California Privet, and various other seedlings at very low prices.

A large stock of transplanted 2 to 6 ft. **Hamamelis Virginiana; Calycanthus,** sweet shrub, 6 in. to 3 ft.; **Spiraea Van Houttei,** 2 to 2½ ft.

FINE STOCK. SEND FOR LIST.

FOREST NURSERY & SEED CO.

McMINNVILLE, TENN.

Mention The Review when you write.

List OF 200 Roses

Bumper Crops for Spring Delivery

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

PEONIES

Lucretia Dewberry

Prices right. Write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

50,000 Catalpa Speciosa (True Western) **Seedlings**

EVERGREENS Specimens for August planting.

California Privet—2-year

Ask for prices.

HIRAM T. JONES

Union County Nurseries ELIZABETH, N. J.

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CHARLES C. NASH

Over 80 varieties of **RASPBERRY PLANTS,** 75c per 100 and up.

Selected wood for over 1,000,000 **GRAPE CUTTINGS,** 75c per 1000 and up.

No catalogue. Correspondence invited.

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Mention The Review when you write.

BOBBINK & ATKINS

Nurserymen and Florists, RUTHERFORD, N. J.

Choice Evergreens and Conifers. Shade and Ornamental Trees, Herbaceous Plants.

LARGE COLLECTION OF DECORATIVE PLANTS, SUCH AS

Palms, Ferns, Bay Trees, Etc.

Ask for Wholesale Catalogue.

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The Standard Mailing Tube

A Great Combination of Good Qualities

Strong—Resisting crushing in mail sacks.

Light—Making mailing cost low.

Time Saving—Easiest and quickest package to make up.

Low Cost—Its low cost appeals to eery grower.

Satisfied Customers—We believe that 98% of plants carried in **Standard Tubes** arrive at destination in perfect condition. Can that be said of any other package?

Full range of sizes and special sizes to order promptly.

——Samples on request.——

THE STANDARD MANUFACTURING CO., Coatesville, Pa.

Mention The Review when you write.

New Seedling Rose—RADIANCE

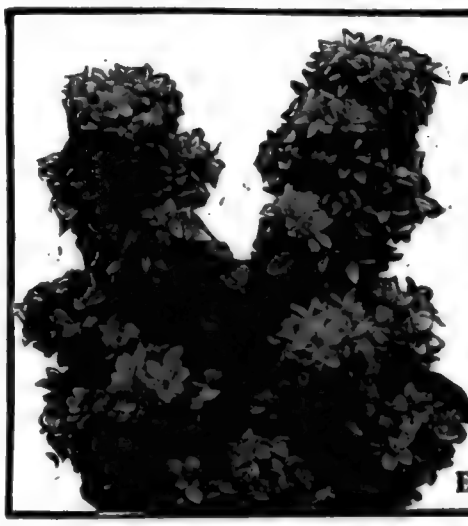
A SEEDLING from Cardinal; a brilliant, rosy, carmine pink, with opaline tints in the open flower. The form is fine, large, with cupped petals; bud long, brilliant, radiant, with extra long stem; a constant bloomer; fragrant; foliage abundant and of splendid substance.

2½-in. pots, $18.00 per 100. Ready for delivery April and May.

Cash or satisfactory reference.

JOHN COOK, 318 N. Charles St., Baltimore, Md.

Mention The Review when you write.



Beautiful! Novel! Valuable!

The Newest Lilacs

Double and Single

Extraordinary Offering

The improvement in the Lilac, especially in the double sorts, is marvelous, and all lovers of this flower will be delighted with these novelties. In size, form and color they far surpass the old favorites and we confidently recommend them to our patrons. Nothing that has been introduced recently is likely to prove so popular as the new Lilacs.

A beautiful illustrated booklet on Lilacs will be mailed on request, also our Illustrated General Catalogue, which contains accurate and trustworthy descriptions of the best

FRUIT AND ORNAMENTAL TREES, SHRUBS, ROSES and HARDY PLANTS

Ellwanger & Barry, Mount Hope Nurseries, Rochester, N.Y.

Mention The Review when you write.

STOCK FOR FLORISTS

ROSES for Forcing—Hybrid Perpetuals and Ramblers, all the best ones; fine, strong stock.

CLEMATIS, AMPELOPSIS, TREE HYDRANGEAS and LILACS, SHRUBS, VINES and PERENNIALS. Write for prices.

JACKSON & PERKINS CO., Newark. Near Rochester, New York

Nurserymen and Florists—Wholesale Only. Use printed stationery.

PACIFIC COAST.

Medford, Ore.—Among the new corporations is the Rogue River Valley Nursery Co.; principal office, Medford; capital stock, $20,000; incorporators, F. H. Cook, D. Franklin and C. F. Cook.

PORTLAND, ORE.

The Market.

Climatic conditions have materially changed since the last report—spring is evidenced on all sides, lengthening of the days affords more sunshine and produces amazing results in the stock.

Tulips and daffodils are becoming more plentiful and sell well, either cut or in pans. On account of St. Valentine's day the demand for the red varieties exceeded the supply. Violets seem to be in particular favor, judging from advance orders. Genistas are coming in fine shape and some attractive windows are to be seen. The Chinese New Year created a demand for azaleas and Roman hyacinths—no other flower is considered by the quaint people. A special effort is always made to have a batch in flower for that occasion.

Carnations are of fine quality, with a brisk demand. Pink Delight has many redeeming qualities and may be the successor to the famous Enchantress. Roses are in fine form and color, as well as of great demand, with a daily clean-up.

February has been a banner month so far, especially in funeral work. The changing of the seasons usually causes a great many deaths. On account of the scarcity of flowers the florist finds it expedient to raise the standard in funeral work; besides, the public has become educated to choicer arrangements and designs.

Orders for rose bushes and shrubs are being booked rapidly. Portland is known as the "Rose City" throughout the States and the people pride themselves on well kept yards and hedges. Oregon rose fame was heralded from Cuba a few days ago, accompanied with a large order for stock.

Various Notes.

Mr. Currie, of Currie Bros. Co., Milwaukee, Wis., called on the trade in the interest of the bulb trade with satisfactory results.

Mr. Lundy, representing W. A. Manda, was in town last week to discuss the orchid situation.

Mr. and Mrs. M. J. Murdoch, well known to the Pittsburg trade, are spending some time in this city. While not actively engaged in the business, they have not lost interest in it.

Robert Fulton, representing Henry & Lee, of New York, called on the trade in search of bulb orders. E. R. C.

SAN FRANCISCO.

The Market.

The weather continues to be on the mend and it appears as though the cold nights and days are over for the season. Consequently we may expect, within the next few weeks, an avalanche of all kinds of stock. There has been quite a reduction in carnations during the last few days and roses will follow suit shortly. Violets are now at the height of their season and are in abundant supply. Fifty cents per dozen bunches is the rate charged to the stores and Princess of Wales is practically the only variety seen.

Roses, although not unusually plentiful, are in better form and color than they have been at any time this year. Daffodils are in their prime and are the most popular flower at present with the flower-buying public. They are both good and cheap and are being used in large quantities for window decorations. The best flowers cost the retailers from 75 cents to $1.50 per hundred, while Paper White and other varieties of narcissi sell at about half those prices. Wild flowers of all kinds are about two weeks later than usual, but the last few days have seen a full supply on exhibition. The advent of Lent has made quite a difference in the demand for stock. The brighter colored roses and carnations are not selling so well as are the lighter colored stock, which are being well cleaned up for funeral work.

Business on the whole is better than it

Rooted Carnation Cuttings

	Per 100	1000
Winona, light pink	$3.00	$25.00
Enchantress	1.80	15.00
Winsor	1.75	12.00
Rose-pink Enchantress	1.50	12.00
Nelson Fisher	1.25	10.00
Harlowarden	1.40	12.00
Eldorado, yellow	1.50	12.00
Variegated Lawson	1.25	10.00
Beacon	$2.25	$20.00
Victory	1.75	15.00
Red Lawson	1.25	8.00
Estelle	1.15	12.00
White Perfection	2.25	20.00
White Enchantress	2.25	20.00
White Lawson	2.00	15.00

25 of one variety at 100 rate; 250 of one variety at 1000 rate. Express prepaid on orders amounting to $5.00 or more.

LOOMIS CARNATION CO., D. F. Roddan & Son, Proprietors, LOOMIS, CAL.

Mention The Review when you write.

Araucarias—Roses

Araucaria Excelsa, young, healthy plants, seedlings with 3 to 4 tiers, at $16.00 per 100.

Tree Peonies, extra strong, 20 varieties, at 75c each.

Camellia Lady Campbell, dark red, double, 12 to 15 in. high, bushy, at $25.00 per 100.

Lilium Longiflorum Giganteum, 7/9, 300 bulbs in one case, at $6.00 per case.

Roses, from open ground, 2 years old, low budded, at $10 00 per 100; not less than 5 of one variety, 200 varieties to select from.

F. LUDEMANN

3041 Baker St., Pacific Nurseries, San Francisco, Cal.

Mention The Review when you write.

ASPARAGUS ROOTS

Columbian Mammoth White, Conover's Colossal, Barr's Mammoth, Palmetto, strong, healthy, 1-year-old roots.

Loganberries. Mammoth Black Berries.

Write for prices.

Otto F. Schuchard, Watsonville, Cal.

Mention The Review when you write.

"HIGHEST QUALITY"

Seeds, Plants, Bulbs and Supplies

Florists' and Gardeners' Trade solicited. Catalogue on request.

Routledge Seed & Floral Co

169 Second St., PORTLAND, ORE.

Mention The Review when you write.

MOUNTAIN VIEW FLORAL CO.

Montavilla. P. O., Portland, Ore.

Hardy Perennials, one and two year old clumps. Prices on application.

Mention The Review when you write.

SHASTA DAISY Alaska, California and Westralia

Divisions from Mr. Burbank's original plants; no seedlings. Extra strong, field divisions, 5 or more shoots, per 100, $2.50; 1000, $24.00. Strong field divisions, 2 to 4 shoots, per 100, $2.00; 1000, $19.00.

Grohe's Large-flowering Hybrid Delphinium, a selection from the best hybrid strains in existence, from 3-in. pots, $6.00; 2-in., $2.50. Select plants, from field, 1 year old, $6.00.

SEEDS

Grohe's Champion Strain Petunia Seed, only the best flowers used for seeding, carefully selected and hand fertilized. Giants of California, 1000 seeds, 75c; 1/8 oz., $3.00; oz., $15.00. Ruffled Giants, 1000 seeds, 75c; 1/8 oz., $3.50; oz., $17.50. Shasta Daisy—Alaska or California, 1/4 oz., 50c; oz., $1.50. Pentstemon Hybridus Grandiflorus, tr. pkt., 25c; oz., $1.00. Pentstemons, Burbank's Hybrids, tr. pkt., 25c; oz., $1.00.

Cash please.

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ASTER SEED

Late Branching, Oregon Grown

Extra fine color, strong stems, fine for cutting; price—white, lavender, flesh pink and purple, 25c per packet, 1/8-oz.

PREMIUM

A 6-inch Pawpaw tree with each dollar sent for Aster seed. This is a horticultural novelty, an ornamental tree, and will attract considerable attention with its magnolia like foliage and purple blossoms. It is a most excellent fruit, perfectly adapted to any situation, similar in appearance to the banana, and sells higher in the market. 6-inch trees, 50c each.

W. B. SIMS, Grower, Newberg, Ore.

Mention The Review when you write

RAHN & HERBERT

Wholesale Growers

PORTLAND, ORE. MT. TABOR, P. O.

	Per 100
Geraniums, 2 1/2-in. pots ..per 1000, $25.00;	$3.00
Asparagus Sprengeri, 2 1/2-in. pots	3.00
3-in	5.00
Genista, nice plants. 2 1/2-in. pots	6.00

Palms, Ferns, Seasonable Plants, Bedding Plants a specialty.

Mention The Review when you write.

Palms - Palms - Palms

Phoenix Can., Washingtonia, etc.

Exotic Nurseries, Santa Barbara, Cal.

Mention The Review when you write.

ECHEVERIAS

$2.00 per 100, $18.00 per 1000. Cash.

LAS PALMAS GREENHOUSES

P. O. Box 150, PALO ALTO, CAL.

Mention The Review when you write.

Fancy Leaved Caladiums



An unexcelled collection of more than 150 varieties, including many of the newest Brazilian sorts, which are now offered for the first time.

SPECIAL SELECTIONS

	Per doz.	Per 100
Choice Standard Varieties	$1.50	$10.00
New or Rare Varieties	2.00	15.00
Selected New and Rare Varieties	3.50	25.00

For the most complete list of seasonable bulbs, such as

Tuberous Rooted Begonias, Gloxinias, Etc.

See Our Current Wholesale List

The above prices are intended for the trade only.

Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

DAHLIA BULBS

We offer in quantity, over 50 varieties of the newest Dahlias, all types. Descriptive catalogue and trade prices on request.

Routledge Seed & Floral Co.

169 SECOND ST., PORTLAND, ORE.

Mention The Review when you write.

was one year ago and everyone is looking forward to a prosperous Easter trade.

Various Notes.

F. L. Wagner, of San Leandro, Cal., is sending into town some of the finest daffodils seen here this season.

Ferrari Bros. are cutting some extra fine American Beauties. This firm makes a specialty of this article.

C. C. Morse & Co. will have a three-story building on the site of their present location on Market street in time for the opening of next season's trade.

The H. M. Sanborn Co., of Berkeley, Cal., have added a landscape department to their rapidly increasing trade. They have the largest flower and seed trade in the college town.

Geo. C. Roeding, of Fresno, Cal., is in town for a few days' visit.

Chas. T. Mills will leave on an extended eastern trip early next month.

G.

LOS ANGELES, CAL.

The Market.

The weather continues bright and sunny, although it is much cooler. Rain is much needed and anxiously looked for, the rainfall being not nearly as much as at this time last year. February is a spring month here, and the sowing of all kinds of seeds is going on rapidly. All of the flower stores handle seeds, and have them plentifully displayed in their windows, many of the seeds being from eastern and middle-west firms. Apricot and prune trees are in bloom, and vases of the flowers are to be seen in the stores, looking decidedly spring-like. At one of the stores there was a beautiful display of freesias, the first, I believe, from outside. The flowers grow more upright and on stiffer stems than when forced.

All kinds of flowers are abundant, with prices within the reach of everybody. The greenhouse carnations are large and fine. All of the street stands are stocked again with field-grown carnations, which have recovered from the check given by the frosts and are blooming heavily. Sweet peas are greatly in evidence, some of the new ones being especially beautiful in coloring. Violets, sweet peas and spring flowers seem to have the preference.

The city is full of tourists, who are all wearing violets. To buy them at 5 cents for a good-sized bunch is a treat, after the eastern prices, and no one passes them by.

All of the flower stores report a big business, with an unusual amount of funeral work.

Various Notes.

Frank Lichtenberger had one of the largest decorations ever done in California. It was for the automobile show at Fiesta park, which was roofed and floored for the occasion. The effect was of a red-wood forest. Twenty tons of red-wood branches and bark were brought from the Santa Cruz mountains. All of the poles with which the 90,000 square feet of canvas were supported were transformed into huge red-wood trees, with spreading branches. Scenery, twelve feet high, on the four sides, represented typical California views, mountains, big trees, California gardens and deserts being portrayed. About 200 large bay trees, palms, etc., were used between the booths, while 2,000 yards of red-wood wreathing, brightened with many beautifully colored electric lights, were festooned among the trees. The whole effect was indescribable.

A. F. Borden, who has an attractive flower store on Third street, has his nursery in Hollywood. He has, besides, several lath houses and five glass houses. Four of the latter were built last summer over carnations growing in the field. They have done well, but he will put them in raised benches this summer. The lath houses contain smilax, asparagus and a general stock. Roses, sweet peas and other flowers are grown outside.

J. S. Glasscock has a pretty flower store in Pasadena, with mission finish and furnishings. A brick floor carries out the idea still further. He carries a good stock and has an excellent trade. Miss Clarke is the able manager, and she has two other young ladies as helpers.

The Park Hill Floral Co., of which Mr. Smith is proprietor, also has a retail place in Pasadena, with a nursery at Hemet, Cal.

The flower store which was started in Long Beach by two ladies a couple of years ago, under the name of The Fernery, and which was afterward taken by H. N. Gage, has been discontinued.

S. A. C.

BRIDGEPORT, CONN.—G. C. Bouton & Son, of 408 Warren street, who began business here on a small scale in 1901, have purchased an acre of ground in a first-class central location, and have begun operations there by erecting one house, 20x100 feet. Their business is increasing steadily, both in cut flowers and bedding plants. They also report that other florists in town seem to be having a prosperous season, with a good outlook for Easter.

FRANKLIN, PA.—The Bell Floral Co. recently had the decoration for the Shriners' banquet at the Park hotel. There were about 100 guests present, including some nobles high in the order. The decorations were in red and white carnations, with red carnation boutonnieres as placements. The tables were further decorated with cakes in the shape of a red fez with tassel. The Bell Floral Co. also reports an excellent Valentine's day trade, especially in violets and small corsage bouquets, and say that they sold more violets than were ever before seen in their town in one day. They also sold many violets at wholesale in the surrounding towns.

BUFFALO.

The Market.

Buffalo has experienced the heaviest fall of snow in twenty-six years and perhaps longer, as the records have been kept only since 1884. Whether this has affected business or not, nobody knows, but everybody has been pleased and, with the exception of the last few days, trade has been good. Bulbous stock and carnations have piled up considerably. Last week one store sold carnations at 50 cents for two dozen. It is early for sales of this kind, but they will come when the commission house is crowded.

Various Notes.

Last week Buffalo lost one of its oldest florists, James Buxton. Further particulars will be found in this week's obituary columns.

The Florists' Club will hold the annual banquet March 1, at the Iroquois hotel. Everything possible is being done by the committee to have this a grand success, and it rests with the members to be present and make it such.

Harry A. Bunyard, of New York, and Arnold Ringier, of Chicago, were visitors last week.

Mr. Edgar, formerly of Pittsburg, has taken a position with Miss Rebstock as manager. Mr. Gibson, whom Mr. Edgar succeeds, has left for the coast.

J. Benson Stafford has gone to New York for a few days.

It is reported that Arthur E. Beyer, now manager of Stroh's Flower Shop, will take up the same position with the Park Floral Co., of Denver.

A. J. Reichert has contracts for spring openings that will use 900 palms. Their orders include most of the large dry goods stores. R. A. S.

W. J. Smith has purchased the business and greenhouses of W. A. Neubigging at 233 Dearborn street and running through to 152 East street. Mr. Smith has added a forcing house for lilies, has installed a new boiler, and intends to erect a new house after the spring rush.

Wanted

Orders for high-grade stock of Cannas, Dahlias, Ferns, Ficus, Asparagus. See classified department for prices.

Wagner Park Conservatories, :: Sidney, Ohio

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

Leaf cuttings for spring delivery, from 2¼-in. pots, $12.00 per 100; $100.00 per 1000.

JULIUS ROEHRS CO., RUTHERFORD N. J.

ROOTED CUTTINGS

Verbenas, choice varieties, 70c per 100; $6 00 per 1000. **Heliotropes,** $1.00 per 100; $8.00 per 1000. **Daisies,** white and yellow, $1.00 per 100. **Coleus.** 70c per 100; $6 00 per 1000. **Alyssum,** dbl., 80c per 100. **Petunias,** $1.25 per 100; $10.00 per 1000. **Salvias,** $1 00 per 100; $8.00 per 1000. **Ageratums,** 60c per 100; $5 00 per 1000. Express paid. Cash with orders.

S. D. BRANT, - Clay Center, Kan.

Always Mention the....

Florists' Review

When Writing Advertisers

CARNATIONS

Rooted Cuttings

SCARLET GLOW. (New) an extra good bright scarlet, a large flower and exceptional keeping qualities. It is in perfect health, and has that early and free flowering habit that characterizes a paying commercial variety. $12.00 per 100; $100.00 per 1000.

PINK DELIGHT. Clear waxy shell pink. The variety that won over Enchantress at the A. C. S. meeting, Indianapolis and Pittsburg, January, 1909 and 1910. It has all the good points to make it the leader and with its unequaled substance, the best keeping and shipping carnation in the light pink class.

All of our February and March delivery is sold. We are booking orders for early April delivery only. Pink Delight makes a quick and well shaped growth, and the April cuttings of this variety are as good as February and March of most all other varieties. $6.00 per 100; $50.00 per 1000.

We have large stocks of White Perfection, Rose-pink Enchantress, White Enchantress, Winona, Enchantress, Aristocrat, Beacon.

Selected, healthy, well rooted cuttings, $3.00 per 100; $25.00 per 1000.

We do not supply the cheapest, but the best.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

SANGAMO The New Pink Carnation



Everyone who has seen SANGAMO growing, has been much impressed and astonished by its wonderful vigor, rapidity of growth and freedom in blooming. Those who have thus seen it are the ones that are placing their orders. Do not delay too long in sending yours. You will do it sooner or later, so do it NOW. Price, $12.00 per 100; $100.00 per 1000.

See page 93, December 16th issue of the Florists' Review, for full page description and photo, and write for Carnation List.

A. C. BROWN

SPRINGFIELD, ILL.

PALMS

Especially strong plants ready for shifting.

Kentia Belmoreana, in 2½-inch pots, $9.00 per 100; $85.00 per 1000.

Areca Lutescens, in 2½-inch pots, $7.00 per 100; $65.00 per 1000.

JACKSON & PERKINS CO.

NEWARK (Near Rochester), **NEW YORK**

Rooted Rose Cuttings

	100	1000
Beauty	$4.00	$35.00
Killarney	2.50	20.00
Richmond	1.50	12 00
Bride	1.50	12.00

Satisfaction guaranteed.

GEORGE REINBERG, 51 Wabash Ave., CHICAGO

Bon Ami

An honest commercial Carnation.
Strong grower. Free from disease.
An early, continuous bloomer.
Blooms, 3 to 3½ in. Stems, 24 to 30 in.

A new seedling White Carnation of exceptional merit as a dividend payer. Not a gold brick or bunco sort. One that will pay its board and lodging and present its owner with a balance on the right side of ledger. Buy it and be convinced that Bon Ami is all that its name stands for, "A Good Friend."

Price, $10.00 per 100; $75.00 per 1000.

GEORGE E. BUXTON, Nashua, N. H.

Mention The Review when you write.

WHITE KILLARNEY, MY MARYLAND, PINK KILLARNEY

Rooted Cuttings and 2½-inch plants. Booking orders now for future deliveries. The right Place—the right Goods—the right Prices. Come and see them grow.

	Rooted Cuttings Per 100	Rooted Cuttings 1000	2½ inch Per 100	2½ inch 1000
White Killarney	$6.50	$60.00	$ 8 50	$ 75.00
" " grafted	....	.....	14 00	125 00
Pink "	4.00	35.00	6 00	55.00
" " grafted	....	.....	12.00	110.00
My Maryland	4.00	35.00	6.00	55.00
" " grafted	....	.....	12.00	110.00

	Rooted Cuttings Per 100	Rooted Cuttings 1000	2½-inch Per 100	2½-inch 1000
Richmond	$3 50	$30 00	$5.50	$50.00
Maid	3.00	25.00	5.00	45.00
Bride	3 00	25.00	5 00	45.00
American Beauties	4.00	35.00	7.00	65.00

Bride and Maid grown to order only

3½-inch sizes will be offered when ready at 40% increase over 2½-inch. You cannot afford to buy poor stock at 50% less.

POEHLMANN BROS CO., Morton Grove, Illinois

CARNATIONS

Rooted Cuttings

	100	1000
Mrs. C. W. Ward	$12.00	$100.00
Conquest	12.00	.....
Sangamo	12.00	.....
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Robert Craig	3.00	25.00
Afterglow	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Harlowarden	3.00	25.00
Winsor	3.00	25.00
Lawson-Enchantress	3.00	25.00

New crop early flowering single Chrysanthemum seed and Gold Medal Pentstemons at 25c and $1.00 per package.

Charles H. Totty
Madison, N. J.

Mention The Review when you write.

Place Your Order Now
Rooted Carnation Cuttings

White Perfection, $3 50 per 100.

Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, Beacon, Winsor and Viola Sinclair, $3.00 per 100.

Lawson, Fair Maid and Maceo, $2.00 per 100.

1000 rate on application.

Littlefield & Wyman
North Abington, Mass.

Always mention the Florists' Review when writing advertisers.

Conquest

Light pink overlaid with deep rose. The most valuable and attractive Carnation on the market; very free; long stiff stems; large well built flowers. It pays to grow this variety.

Winner of first prize wherever shown. Rooted cuttings guaranteed.
Ready now, $12.00 per 100; $100.00 per 1000.

Chicago Carnation Co., A. T. PYFER, Mgr. **Joliet, Ill.**

Mention The Review when you write.

Mary Tolman

Deep flesh that does not fade in the strongest light, clean grower, rigid stem, perfectly formed flowers, good producer. Cuttings ready now. $12.00 per 100; $100.00 per 1000. Guaranteed in every way.

A. E. HUNT & CO., Evanston, Ill. CHICAGO CARNATION CO., Joliet, Ill.
HUNT BROS., Park Ridge, Ill.

Mention The Review when you write.

SANGAMO

Brilliant glistening pink. Winner wherever shown. The most prolific and fastest growing Carnation of any; very clean, upright grower, long stiff stems, never splits, flowers nicely fringed and well rounded out. It is not too late to get cuttings of Sangamo, the most prolific carnation grown. Our best plants were propagated in March last year. Prompt delivery. Cuttings guaranteed.

$12.00 per 100; $100.00 per 1000.

A. C. Brown, Springfield, Ill.

Chicago Carnation Co., Joliet, Ill.

Mention The Review when you write.

:: ROOTED CUTTINGS ::

Carnations

	100	1000
O. P. Bassett	$6.00	$50.00
Victory	2.50	20.00
Beacon	2.50	20.00
Enchantress	2.00	15.00
Winsor	2.00	15.00
Rose-pink Enchantress	1.50	12.50
Lawson	1.50	12.50
White Perfection	2.00	15.00
White Lawson	1.50	12.50

Fine, Clean, Strong, Well-rooted Stock

Roses

Rooted Cuttings,	100	1000
Killarney	$2.50	$20.00
Richmond	2.00	17.50
Chatenay	2.00	17.50
Bridesmaid	2.00	17.50
Bride	2.00	17.50
Uncle John	2.00	17.50
Ivory	2.00	17.50
Perle	2.50	20.00
Sunrise	2.50	20.00

2½-in. pot plants,	100	1000
P. Killarney	$4.50	$40.00
Richmond	3.00	25.00
Chatenay	3.00	25.00
Bride	3.00	25.00
Bridesmaid	3.00	25.00
Uncle John	4.00	35.00
Ivory	4.00	35.00
Perle	4.00	35.00
Sunrise	4.00	35.00
My Maryland	6.00	50.00

Peter Reinberg, 35 Randolph St., Chicago

Mention The Review when you write.

INDIANAPOLIS.

The Market.

Business for the last two weeks has been only fair. The bulk of the business has been for funerals, which have been numerous. The opening of Lent and the extremely bad weather which we have had for the last two weeks has had a bad effect. We had the heaviest snowfall in years last week, sixteen inches falling in two days. This was followed by zero weather, and delivering was a hardship. Valentine's day probably saw an increase in sales over last year, but this day is by no means what it should be to the florist.

Various Notes.

The F. J. Benthey Co., of New Castle, suffered a severe loss on account of the heavy snow last week. A house 30x200 collapsed, causing a loss of about $4,000.

Baur & Smith report business heavy in carnation and geranium cuttings. They are also having heavy sales on their new carnation, Shasta.

A. Wiegand & Sons have a fine lot of lilies for Easter.

Walter Bertermann spent a few days in Chicago last week, attending the auto show.

Visitors last week included Mr. Mountz, with Reed & Keller, New York; Fred Heinl, of Terre Haute; Paul Berkowitz, of Bayersdorfer & Co., Philadelphia; B. Eschner and W. J. Farney, of M. Rice & Co., Philadelphia.

The trustees of Woodruff place have decided to plant hardy shrubbery in the drives, instead of bedding plants. This job amounted to about $500 a year and they expect to spend about $1,500 for hardy stuff this year. H. L. W.

MARSHFIELD, WIS.—Arno Beer, aged 20 years, son of H. J. Beer, died February 11, 1910.

Easter Lilies

500 plants just right for Easter, buds starting to lay down, 3 to 6 buds to plant, 18 to 24 in. high from top of pots, will stretch 6 to 8 in. before Easter, 10c per bud straight.

John F. Horn & Bro.

20 N. Sixth St., ALLENTOWN, PA.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

NEW CARNATIONS FOR 1910

	Per 100
Dorothy Gordon	per 1000, $75.00; $10.00
Shasta	12.00
Scarlet Glow	12.00
Sangamo	12.00
Admiration	$12.00
Alma Ward	per doz., $2.50; 15.00
Mrs. C. W. Ward	12.00
Conquest	12.00

CARNATIONS OF 1909

	Per 100
O. P. Bassett	$6.00
Pink Delight	6.00
Mrs. Chas. Knopf	6.00
Ruby	$6.00
Mrs. J. C. Vaughan	6.00
Georgia	6.00

STANDARD VARIETIES

White Varieties—	Per 100
White Enchantress	$3.00
Lady Bountiful	3.00
White Perfection	3.00
Queen Louise	2.50
The Queen	2.00
My Maryland	2.00
Sarah Hill	3.00
Lloyd	3.00
Red Varieties—	
Robert Craig	$3.00
John E. Haines	2.00
Beacon	3.50
Flamingo	2.00
Victory	3.00
Roosevelt	2.00
Harlowarden	2.00
Cardinal	2.00

Pink Varieties—	Per 100
Winsor	$3.00
Afterglow	3.00
Splendor	3.00
Pink Imperial	2.50
Rose-pink Enchantress	2.50
Mrs Thos. Lawson	2.00
Nelson Fisher	2.00
Mabelle	1.50
Variegated Enchantress	2.50
Yellow Varieties—	Per 100
Eldorado	$2.00
Golden Beauty	2.00
Variegated Varieties—	Per 100
Mrs. Patten	$2.50
Jessica	2.50

GRAFTED and OWN ROOT ROSES ready for early delivery. Send for circular.

CHOICE VARIETIES OF VERBENAS

Rooted cuttings, our selection	$0.75 per 100; $ 6.00 per 1000
Plants, 2½ in. pots, our selection	2.50 per 100; 20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100; 8.00 per 1000
Plants, purchaser's selection	3.00 per 100; 25.00 per 1000

Entirely sold out of Miss Wilmott cuttings and plants.

J. L. DILLON, - - - - Bloomsburg, Pa.

Mention The Review when you write.

SHASTA

We are now shipping fine, strong cuttings of this variety daily, as fast as they are ready to come out of the propagating bed. We have enough orders booked to take all that will be ready up to February 15. Send in your order at once if you want late February delivery.

Come and see it growing

and be convinced that Shasta is the greatest paying white Carnation of the day. Once you see it you will want to grow it.

$12.00 per 100; $100.00 per 1000.

SEND FOR OUR PRICE LIST OF NEW AND STANDARD SORTS

Baur & Smith, 38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

BEACON CARNATION CUTTINGS

We have a quantity of well-rooted cuttings from especially strong stock. These are cuttings that are sure to please.

We are making a specialty of Rooted Cuttings and believe the way to permanent success lies in sending out on every order only the kind of stock that will lead to further orders from that customer, and from those he tells about the satisfactory stock obtained from us.

Nothing Spectacular—Just the Best Cuttings that can be had, and at Right Prices.

CARNATION CUTTINGS

Clean, well-rooted stock, the kind that will make you and your friends our regular customers.

	Per 100	Per 1000		Per 100	Per 1000
Winsor	$2.50	$20.00	Enchantress	$3.00	$25.00
Beacon	3.00	25.00	White Perfection	3.00	25.00
White Enchantress	2.50	20.00	Rose-pink Enchantress	2.50	20.00

Immediate delivery. Write for special prices on large quantities. No order too large for our facilities.

Chrysanthemum Cuttings

Now booking orders for early delivery.

WHITE	Per 100	Per 1000
Oct. Frost	$2.00	$15.00
Kalb	2.00	15.00
V. Poehlmann	2.50	20.00
Touset	2.00	15.00
A. Byron	2.00	15.00
Wanamaker	2.00	15.00
White Cloud	2.00	15.00

WHITE	Per 100	Per 1000
T. Eaton	$2.50	$20.00
Chadwick	2.50	20.00
Nonin	2.00	15.00
PINK		
Balfour	2.00	15.00
Enguehard	2.00	15.00

YELLOW	Per 100	Per 1000
Golden Glow	$2.00	$15.00
Monrovia	2.00	15.00
Oct. Sunshine	2.00	15.00
Appleton	2.00	15.00
Y. Eaton	2.50	20.00
Golden Chadwick	3.00	25.00
Halliday	2.00	15.00
Bonnaffon	2.00	15.00

J. D. Thompson Carnation Co., Joliet, Ill.

Mention The Review when you write.

ROSES

Fine 2½-in. pots. Own roots.

Orders booked now for March and April delivery.	Per 100	1000
White Killarney	$8.00	$75.00
Killarney	5.00	45.00
My Maryland	6.00	50.00
Rhea Reid	6.00	50.00
Richmond	5.00	45.00

Also American Beauties

Carnation Rooted Cuttings

	Per 100	1000
Patten	$3.00	$25.00
Afterglow	3.00	25.00
White Perfection	3.00	25.00
Beacon	3.00	25.00
Lawson-Enchantress	3.00	25.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.50	20.00
White Enchantress	2.50	20.00
Victory	2.50	20.00
Robt. Craig	2.50	20.00
Lady Bountiful	2.00	17.50
White Lawson	2.00	17.50
Winsor	2.00	17.50
Mrs. T. W. Lawson	1.50	12.00
Light-pink Lawson	1.50	12.00

Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Well Rooted Carnation Cuttings

	Per 100	1000
Enchantress	$2.00	$18.00
White Sarah Hill	4.00	35.00
Pink Lawson-Enchantress	2.50	20.00
Pink Lawson	2.00	15.00
Red W. H. Taft	4.50	40.00
Red Beacon	3.00	25.00
Red Victory	2.50	20.00
Variegated Lawson	2.50	20.00

Cash with order or C. O. D.

SCHEIDEN & SCHOOS

514 Asbury Ave. EVANSTON, ILL.

Always mention the Florists' Review when writing advertisers.

A. N. PIERSON, Inc.

CROMWELL, CONN.

Grafted and Own Root Roses

	Per doz.	Per 100	Per 1000
White Killarney (Waban strain), grafted	$2.00	$15.00	$120.00
Own root	1.50	8.00	75.00
Killarney, grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00
My Maryland, grafted	2.00	15.00	120.00
Own root	1.00	6.00	50.00
Richmond, Kaiserin, Bride and Maid, Grafted	2.00	15.00	120.00
Own root	1.00	5.00	45.00

Carnations We are now booking orders for Carnations. Pink Delight and May Day are our leaders in new varieties. Winsor, Beacon, White Enchantress and White Perfection in quantity.

Chrysanthemums The best of the new ones and the best of the standards. Commercial varieties exclusively. We are booking orders for both rooted cuttings and plants from pots for February and March delivery.

Our Catalogue Contains the Carnation and Chrysanthemum lists. It includes our Rose list and the bedding stock. You need our catalogue. If you haven't received one, send for it. We can handle your order whether it is large or small.

Mention The Review when you write.

CARNATION BAY STATE

For price on this and other good varieties of Carnations see our advertisement in the classified department. **Fresh Cut Flowers shipped to all parts of New England and Canada** High grade Carnation blooms our specialty; shipped direct from the grower to the retailer a wholesale price.

SHEPARD'S GARDEN CARNATION CO., 292 Fairmount St., Lowell, Mass.

Mention The Review when you write.

ROCHESTER, N. Y.

At the last meeting of the Rochester Commercial Florists' Association, held in its rooms in the Cutler building, proposals to alter the constitution of the organization were adopted and the name of the society was changed to the Rochester Florists' Association. The constitution, as changed, admits as members not only commercial florists but amateur florists, nurserymen, seedsmen, professional gardeners and others whose occupations are allied to the common pursuit of a florist.

Other minor changes in the laws of the society were adopted and three trustees, as follows, were elected: F. R. Schlegel, Charles Suhr and J. O. Pridman. In the absence of President F. W. Vick, Charles H. Vick presided.

It was announced that the annual dinner of the society will be held sometime in March, during the visit of the executive committee of the S. A. F. to this city. The committee will spend considerable time here, making the necessary arrangements for the annual convention of the national organization, which will meet in this city in August. Seven new members were elected to the association, making the membership almost 150. A bowling club was organized and other steps were taken to increase the social aspects of the association.

The following committees were appointed by President Vick: Entertainment and essays, H. B. Stringer, John Dunbar, C. H. Vick, R. G. Salter; exhibition, C. H. Vick, G. B. Hart, F. J. Keller, A. H. Salter, J. M. Keller, E. P. Wilson; membership, C. H. Ogsten, F. R. Schlegel, W. L. Keller, Charles Suhr; auditing, E. S. Osborne, W. H. Dildine, G. T. Boucher; bowling and sports, A. F. Vick, H. B. Weller, G. J. Keller, Walter Salmon; banquet committee, G. B. Hart, E. S. Osborne, E. P. Wilson.

DERRY, PA.—Mrs. D. E. Noel, formerly secretary of R. M. Noel & Co., died January 13. She had been secretary of the firm since it was organized in October, 1907.

IMPORTED ORCHIDS

JUST TO HAND

Cattleya Trianae
Cattleya Gigas
Odontoglossum Crispum

Others to Follow

JULIUS ROEHRS COMPANY

The Orchid Nurseries, RUTHERFORD, N. J.

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DAHLIAS—GLADIOLUS

400 varieties of Dahlias, selections from the best the country affords.

Gladiolus in mixture, in quantities from 1 dozen to 100,000. Order early for spring of 1910.

CATALOGUE FREE.

J. L. MOORE, Northboro, Mass.

Mention The Review when you write.

DAHLIAS

We are growers of the very best; have a large collection to select from. Send for prices.

David Herbert & Son
ATCO, N. J.

Mention The Review when you write.

ADMIRATION

This carnation we offer to the trade as being one of the finest Carnations of any color that we know of up to date. Being a beautiful shade of pink, somewhat lighter than Winona, having that beautiful satin finish, always showing up well either in natural or artificial light. Plants benched in August are now coming into full crop, carrying from 10 to 20 buds. We have been cutting since September 10th. As a money maker you will find no equal.

The size of the flower is 3 to 3½ inches, excellent form, well built up in the center, with the petals so arranged as to make it stand the general requirements of a good fancy commercial variety. A grand keeper and shipper.

The habit is ideal, upright with no surplus grass and every shoot going into flower. Its freedom and earliness make it nearly the ideal carnation. The calyx is very tough and seldom bursts. Can be handled with great success either from the field or grown inside all summer. No one has to be an expert to handle this variety. It scored 86 points at the American Carnation Society meeting at Indianapolis, January 27 to 28, 1909.

Price, $12.00 per 100; $100.00 per 1000.
250 at 1000 rate.

Send for catalogue of all other new and standard varieties of carnations. We are always pleased to have visitors come and inspect our stock and varieties.

CHAS. KNOPF FLORAL CO.
RICHMOND, INDIANA

Mention The Review when you write.

Apple Blossom
Wanoka
Pink Delight

Wonder Workers—
Money Makers.
Strong, healthy, well-rooted,
Honest Carnation Cuttings.
Hundreds Grow Them Now—
But More Will.

$6.00 per 100; $50.00 per 1000. Less 5% for cash. 3% 10 days.
If unsatisfactory on delivery, return at our expense. That's our guarantee that cuttings will be A-No. 1.

WANOKA GREENHOUSES, Barneveld, N. Y.

Mention The Review when you write.

WE ARE NOW BOOKING ORDERS FOR

BEGONIA LORRAINE
BEGONIA LORRAINE LONSDALE
BEGONIA AGATHA

June Delivery

Our stock will be of the very highest quality, and we wish to impress upon our customers that all our Begonias will be twice shifted. Orders filled in rotation, 2½-in. pots, $15.00 per 100; $140.00 per 1000.

Special price on lots of 5000 or 10,000 plants

ROBERT CRAIG CO., 4900 Market Street, Philadelphia, Pa.

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FERNS For FERNERIES

Finest Stock in America

We have the best assortment of varieties generally used.
Assorted, per 100, $3.50; per 1000, $30.00.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

Orchids! Orchids!

A large and attractive lot of established plants; also importations coming, which we, offer at advantageous prices.

ORDONEZ BROS., 41 W. 28th St., New York
AND MADISON, N. J.

Always mention the Florists' Review when writing advertisers.

FRESH SEED
PRIMULA
Chinensis Obconica

The best strains in existence. Chinensis, large flowering fringed, 12 separate colors or mixed, ½ tr. pkt., 40c; tr. pkt., 75c. Obconica Hybrids, unrivaled Ronsdorfer and Lattman strains, absolutely the best. Large Flowering and Large Flowering Fringed, 15 separate colors or mixed, ½ tr. pkt., 40c; tr. pkt., 75c. Obconica Gigantea, 5 separate colors or mixed, ½ tr. pkt., 60c; tr. pkt., $1.00. Every seed guaranteed fresh crop.

J. L. SCHILLER, 929 Prouty Ave., Toledo, Ohio

Dracæna Indivisa and English Ivy

Dracaena Indivisa, 5-in., perfect specimen plants, pot-grown, $30.00 per 100. **English Ivy,** 4-in., pot-grown, staked up, 3 to 4 ft. long, $10.00 per 100. Place your orders now and have the stock shipped when you want it.

ROOTED CUTTINGS

Geraniums, Mme. Salleroi (Silver Leaf), $1.00 per 100; $8.00 per 1000.
Abutilons, 6 vars., $2.00 per 100.
Ageratum, 4 vars., 70c per 100; $6.50 per 1000.
Carnations, rooted cuttings. Enchantress, $2.50 per 100; $20.00 per 1000. Rose-pink Enchantress, $3.00 per 100; $25.00 per 1000. Pink Lawson, $2.00 per 100; $15.00 per 1000.
Russellas, 70c per 100; $6.50 per 1000.
Vinca var., 80c per 100; $7.00 per 1000.
English Ivy, $1.00 per 100; $9.00 per 1000.
Santolina (Rosemary), 90c per 100; $8.00 per 1000.
Begonia Vernon, transplanted seedlings ready Feb. 1st, 80c per 100; $7.50 per 1000.
Stevia, 60c per 100; $5.00 per 1000.
Marguerites, white, $1.00 per 100.

FLORIST PETUNIAS

Every florist having a design trade has felt the difficulty of getting suitable flowers for the work during hot weather, when roses and carnations are barely presentable. After years of selection we have found three varieties of Double Petunias, **No. 1, Pure White; No. 2, Clear Shining Pink; No. 3, Pure Lavender,** which have made us more money for the labor expended than anything we have ever handled. The flowers are large, 4¼ to 6 inches in diameter, and as a keeper during hot weather beats anything we have ever tried, while the enormous quantity of blooms they produce makes the cost practically nothing. We find indoor culture suits them best. Price, 2-inch pot plants, $1.50 per doz.; one dozen of each of the three varieties for $4.00.

JOHN IRVINE & SONS, Send for complete list. **Bay City, Mich.**

Mention The Review when you write.

Attention, Buyers!

If in need of any of the following stock, we will be pleased to quote bargain prices:

Small Kentia, Latania or Phoenix Palms

4 and 5-in Araucarias, Boston, Piersoni, Elegantissima, Scottii, Amerpohlii, Plumosus, Sprengeri, or **small Ferns for Dishes;** also all kinds of **Bedding Stock** in small sizes.

Give us a trial on **3-in. Chinese** or **Obconica Primroses,** in bloom, special, $4.00 per 100.

D. U. Augspurger & Sons Co.
Box 394, PEORIA, ILL.

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Snow White Sport of HELEN FRICK Chrysanthemum

Special certificate of merit at Maryland Horticultural Society.
Heavy stock plants.....$3.00 per doz.
Smaller " " 2.00

HENRY EICHHOLZ, Waynesboro, Pa.

Mention The Review when you write.

Whitmani Ferns

Nice plants in 2½-in. pots, $3.00 and $4.00 per 100.
Scholzeli Ferns, from 2½-in., $5.00 per 100.
Boston Ferns, 2½-in. pots, $3.00 and $4.00 per 100.
Camellias, Campbell and Chandlerii, in bloom, $1.25, $1.50 and $2.00 each.

ANTON SCHULTHEIS, College Point, L. I.

Mention The Review when you write.

Dahlias

Fine assortment, all good cut flower varieties, $6.00 per 100; $55.00 per 1000. Large field-grown roots.

Hardy Phlox—Large lists, all true to name. Good sized clumps from the field, $4.00 per 100; $35.00 per 1000.
Write for descriptive lists of Dahlias and Phlox.

WOODWORTH & PARKER, Geneva, O.

Mention The Review when you write.

Funkia Undulata fol. var.

Extra fine plants,
$4.00 per 100; $35.00 per 1000.

Prices on all spring bulbs and plants cheerfully given.

F. W. O. SCHMITZ
Importer, PRINCE BAY, N. Y.

Always mention the Florists' Review when writing advertisers.

PETUNIAS

SPECIAL THIS WEEK. Double Petunias, mixed colors, from selected stock, from 2 inch pots, $2.00 per 100; $18.50 per 1000. 3-inch pots, $3.00 per 100; $25.00 per 1000.

We have the following ready for shipment, in good shape. We do not send out rooted cuttings.

	2-inch 100	2-inch 1000	3-inch 100
Alyssum, Dwarf and Giant Double	$2.00	$18.50	$3.00
Coleus, Golden Bedder and Verschaffeltii	2.00	18.50	3.00
German and Parlor Ivy	2.00	18.50	3.00
Fuchsias, 6 varieties	2.00	18 50	3.00
Lantanas, 5 varieties	2.00	18.50	
Petunias, Dreer's Single Superb	2.00	18.50	3.00
Lobelia Kathleen Mallard	2.00	18.50	3.00
Lemon Verbenas	2.00	18.50	
Verbenas, red, white, pink and purple	2.00	18.50	
Hardy Chrysanthemums	2.00	18.50	
Geraniums, standard varieties	2.00	18.50	3.00
Geraniums, Ivy-leaved, 6 varieties	2.00		
Geraniums, Apple-scented	2.00		
Geraniums, Pansy, Mrs. Layal			5.00

Dahlia and Canna Roots. We are booking orders for next season. Send for list for future and immediate shipment.

Cash with order. Visitors always welcome.
Cowenton, B. & O. R. R. Chase, Penn. R. R.

R. VINCENT, JR., & SONS CO., WHITE MARSH, MD.

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FERNS FOR DISHES

Assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000.

Cash with order.

Frank Oechslin, 4911 Quincy St., **Chicago, Ill.**

Formerly Garfield Park Flower Co.

Mention The Review when you write.

Araucaria Excelsa

5-inch pots, 4 to 5 tiers, 60c each; $6.00 per doz.

The Conard & Jones Co.
WEST GROVE, PA.

Mention The Review when you write.

Cineraria Plants

Large Stocky Plants, in 6-in. pots, in bud, will make fine 8-in. plants for Easter, $25.00 per 100

Also fine stocky plants, in 4-in. pots, in bud, will make fine 6-in. plants, $1.00 per doz.; $8.00 per 100.

Genista Fragrans, 7-in. pot plants, very stocky, $9.00 per doz.

Asparagus Plumosus Nanus, 3-in. pot plants, very stocky, $6.00 per 100.

Daisy Plants

2½-in. pot plants, in bud.....per 100, $5.00
5-in. pot plants, in bud.....per doz., 2.40
6-in pot plants in bud.....per doz., 4.00
8-in. pot plants, in bud .....per doz., 9.00
10-in. pot plants, in bud.....per plant, 2.00

Also Lilies, Azaleas, Daffodils, Hyacinths, Tulips, etc., in good shape for Easter sales.

J. William Colflesh, 58rd St. and Woodland Ave. Philadelphia, Pa.

Mention The Review when you write.

DAYTON, OHIO.

The Market.

There has been no decided change in the condition of business during the last two weeks, there being a brisk demand which has kept stock on the move. The supply of carnations has been sufficient to meet all requirements, likewise daffodils, Romans, narcissi, lilies and lily of the valley; but roses, though a little more abundant, as yet have not been able to compete with the demand. Dull weather has prevailed, and it has had a telling effect on stock, especially roses.

Various Notes.

Dayton was visited, February 16 and 17, by one of the heaviest snowstorms it has experienced in sixty years, the snowfall being about twenty inches on the level. Traffic of all kinds was blocked for many hours. Fortunately none of the florists suffered from the effects of the storm.

George Bartholomew went to Chicago last week on a two days' business trip. While there he was a visitor to Poehlmann Bros. Co., George M. Garland Co., John C. Moninger Co., and the Foley Mfg. Co.

The Miami Valley Nurserymen's Association held its annual banquet at the Phillips House February 16. Notwithstanding the disagreeable weather, there was a large attendance.

Mrs. E. Young has been on the sick list for the last week.

The Heiss Co. reports that business with them has been most satisfactory, considering weather conditions.

Word has been received from Mrs. Hendrichs that she is enjoying her visit in New Orleans, La., with Mr. and Mrs. Cook. She attended the Rex ball, with Herman Cook and Miss Carrie Cook.

Recent visitors have been I. Rosnosky, representing Henry F. Michell Co., Philadelphia, and Ralph M. Ward, of New York city. R. A. B.

ADAMS, MASS.—A J. Boothman will this season put up three iron frame greenhouses, 33x58, King construction.

Wholesale Trade List

Asparagus Plumosus, 3-in. pots, $5.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis paniculata, 4-in. pots, $10.00 per 100; 3-in. pots, $5.00 per 100.
Passiflora caerulea, 3-in. pots, $5.00 per 100.
Daisies, yellow and white, 2½-in. pots, $3.00 per 100.
Dracaena Indivisa, 4-in. pots, $10.00 per 100.
English Ivy, 3-in. pots, $5.00 per 100.
Rooted Cuttings, from flats, $1.00 per 100.
Heliotrope, dark and white; **Feverfew,** double; **Lobelia,** double and single, blue; **Ageratum, Cigar Plant, Parlor Ivy, Geraniums,** assorted.

Cash with order, please.

C. EISELE, 11th and Westmoreland Sts., PHILADELPHIA, PA.

Mention The Review when you write.

Joseph Heacock Co.
WYNCOTE, PA.
GROWERS OF FINE KENTIAS
Send for Price List

Mention The Review when you write.

PALMS Extra good values in Palms for Easter—Stock in perfect condition

Kentia Belmoreana—	6-in. pots, 6 leaves, 20 to 24 in. high	$1.00
	7-in. pots, 6 to 7 leaves, 24 to 26 in. high	1.50
	7-in. pots, 6 to 7 leaves, 26 to 28 in. high	2.00
	8-in. pots, 6 to 7 leaves, 32 to 34 in. high	2.50
	8-in. pots, 6 to 7 leaves, 34 to 38 in. high	3.50
Kentia Forsteriana—	6-in. pots, 6 leaves, 34 to 36 in. high	$1.50
	7-in. pots, 6 to 7 leaves, 36 to 40 in. high	2.50
	8-in. pots, 6 to 7 leaves, 40 to 44 in. high	3.50
	8-in. pots, 6 to 7 leaves, 44 to 48 in. high	4.50
	10-in. pots, 6 to 7 leaves, 5½ ft. high	8.00
Made-up Kentia Forsteriana—	Strong, bushy plants, 3 plants to a tub.	
	7-in. tubs, 40 to 44 in. high	$4.00
	8-in. tubs, 44 to 48 in. high	5.00
	10-in. tubs, 44 to 48 in. high (heavy)	6.00
	10-in. tubs, 48 to 52 in. high (heavy)	7.00
	10-in. tubs, 50 to 54 in. high (heavy)	8.00

Phoenix Roebelenii—5-in. pot plants, nicely characterized, $1.00 each; $10.00 per dozen.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO

Mention The Review when you write.

SELECT FERNS For Fine Store Trade

We offer a grand lot of exceptionally well-grown plants of the different varieties of

Nephrolepis, which will be found one of the best selling and most profitable plants that florists can handle. Our stock is in unusually fine shape, and we will guarantee it will please the most exacting, as it is exceptionally good value at the prices quoted.

Improved Elegantissima. The finest of all this type. It was introduced by us in 1905. This form of Elegantissima has been greatly improved, and shows no tendency to revert to the Boston, making it the most valuable fern of this type. Strong plants, 4-in. pots, $3.00 per doz.; 6-in., $6.00 to $9.00 per doz.—according to size; 8-in., $12.00 to $18.00 per doz.—according to size.

Superbissima. Introduced by us in 1908. A very unique and distinct novelty. Its distinguishing characteristics are its dark green foliage and dense growth. Fronds are very heavily imbricated, making them very dense and compact. Strong plants, 4-in. pots, $3.00 per doz.; 6-in., $6.00 to $9.00 per doz.—according to size; 8-in., $12.00 to $18.00 per doz.—according to size.

Bostoniensis, Piersoni, Whitmani, Scottii—Extra fine plants, 6-in. pots, $6.00 per doz.; 8-in pans, $12.00 per doz.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

Mention The Review when you write.

Direct Shipments **ORCHIDS** We Have no Greenhouses

Absolutely fresh stock. Will arrive in 6 weeks.

Cattleyas, Trianae, Schroederae, Mossiae, Labiata, Gaskelliana, etc., 15 varieties, 50,000 plants.

Dendrobiums, Wardianum, Formosum Giganteum, Nobile, etc., 10 varieties, 5000 plants; Vandas, 4 varieties; Phalaenopsis, 5 varieties, Miltonias, Laelias, Oncidiums, etc., all f. o. b.

New York Commercial varieties in quantity. Write

G. L. FREEMAN CO., Successors to G. L. FREEMAN, **Fall River, Mass.**

Mention The Review when you write.

Large Kentia Wanted

20 to 30 feet high and well furnished.
Send description, price and weight.

Park Floral Co., Box No. 700, Denver, Colo.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition:

Cattleya Warneri, C. Harrisoniae, C. Gaskelliana and C. Gigas, Hardyana type; also Dendrobium, Phalaenopsis Schroederiana, and Odontoglossum Luteo-purpureum.

Lager & Hurrell, Summit, N. J.

ORCHIDS

We have changed our domicile from Secaucus, N. J., to Mamaroneck, New York. We are the largest collectors and importers of Orchids and we are now booking orders for all commercial Cattleyas for delivery next spring.

Carrillo & Baldwin, Mamaroneck, N. Y.

Always mention the Florists' Review when writing advertisers.

FERNS In Fine Condition

Ferns for Fern Dishes, 2¼-in., $3.00 per 100.
Nephrolepis Whitmani, Bostoniensis and Piersoni, 5-in., 25c; 6-in., 50c; 7-in., 75c; 8-in., $1.00.
Nephrolepis Scottii, 5-in., 30c; 6-in., 60c; 7-in., 85c.
Rubbers, 4-in., 25c; 5-in., 35c; 6-in., 50c; 7-in., 75c and $1 00.
Araucaria Excelsa, 50c, 65c, 75c each.
Araucaria Compacta, $1 25 and $2.00 each.
Kentias, Belmoreana and Forsteriana, 4-in., 25c and 35c; 5-in., 50c and 75c; 6-in., $1.00, $1.25 and $1 50; large plants, $2.00 to $35 00 ea.
Kentias, Belmoreana and Forsteriana, made-up, 75c, $1.50, $2.00, $2 50, $3 00, $5 00, $7 00 $8 00, $9 00, $10 00, $12.00, $15 00, $18.00 ea.
Begonias Gloire de Lorraine and Pres. Taft, 5-in., 50c; 6-in., 75c.
Chinese Primroses, 5-in., 18c.

WRITE FOR PRICES ON AZALEAS

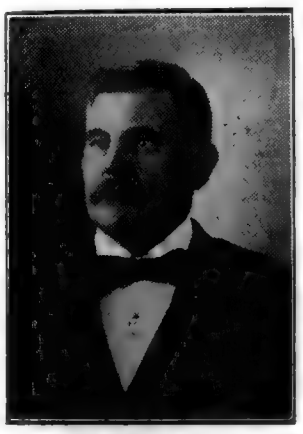
All my plants are in fine condition.

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43 Ravine St., N. S., PITTSBURG, PA.

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VERBENAS FOR EVERYBODY



The finest select varieties, 70c per 100; $6.00 per 1000. Mums, the best varieties, $1.25 per 100; $10.00 per 1000. Feverfew, $1.25 per 100; $10.00 per 1000. Daisies, white and yellow, $1.00 per 100; $8 00 per 1000. Our Double Giant Sweet Alyssum, 80c per 100; $7.00 per 1000.

Ageratums, 60c per 100; $5.00 per 1000. Cupheas, $1.00 per 100; $8.00 per 1000. Enchantress Carnation rooted cuttings, very strong, $2.25 per 100; $20.00 per 1000. We prepay express charges on all rooted cuttings, and guarantee satisfaction.

C. HUMFELD, The Rooted Cutting Specialist, CLAY CENTER, KAN.

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Julius Roehrs Co.

RUTHERFORD, N. J.

Palms, Plants, Orchids, Etc.

Send for Price List.

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Headquarters for Easter Plants

Prepare for Easter!

From whom will we purchase our Easter supply?

THE BEST EVER.

Better than ever are the plants whose gleaming
Blossoms and leaves shine bright in Aschmann's store,
Flowers of the kind of which we are always dreaming,
More nearly perfect than all grown before;
Lilies with whiter sheen, azaleas richly tinted,
Ferns with their lacy fronds like bridal veils.
The araucarias' branches fruit with dollars minted
For florists' use after the Easter sales.

THIS IS OUR CATALOGUE.



This seems now to be the daily talk of every florist. "I know what I am going to do," a wise man remarked the other day. "I have been so often deceived I will be no more, but I shall send in my order direct to our friend Godfrey Aschmann. He shall be my man this Easter. He has everything full and plenty and what he advertises is no BLUFF. We can always depend on him to get what we need, and cheap too. As much as we know, he goes himself to Europe and selects in Belgium the cream of **Azaleas, Palms** and **Araucarias.** He does all that for the sake of his customers, to please them."

An immense stock of choice Easter plants, blooming Easter week, or earlier, if desired, are now ready for immediate shipment. Come yourself or mail your order direct to headquarters.

Our reputation in growing Easter plants for the wholesale market, to which we ship all over the entire country, Canada and Mexico, from the Atlantic to the Pacific Oceans, for many years past, is sufficient guarantee to prove our ability.

Go to Headquarters for Azaleas

Azalea Indica is a specialty with us, grown for us under contract by an Azalea specialist in Belgium for the last twenty years. Have three houses full of the choicest. Only best well known American varieties are imported, planted in the fall as soon as they arrive from Belgium into 6-in., 7 and 8-in. pots, placed in greenhouses and kept cool in the winter and are now in excellent condition, covered with buds, just right for Easter. Please bear in mind the fact (mostly unknown to some azalea consumers) that fully 30 per cent to 40 per cent of the newly imported azaleas in dormant state will lose their buds and leaves during sea voyage and during winter up to February 1, and have to be kept over for another year. We ship only good stock, full of buds and flowers, and, therefore, you can't expect an azalea at this time as big and as cheap as if you would buy them in dormant state in the fall.

What is the name of the best double pink azalea? **Mme. Van der Cruyssen** is the name, originated by the well-known azalea specialist Mr. Van der Cruyssen of Belgium. Millions are raised every year and shipped to every point of the globe from Belgium. We have a big stock on hand of this so well-known and favorite variety in tip-top condition. Every plant is as round as an apple, covered with buds, just right for Easter trade. All sizes in the following prices: 75c, $1.00, $1.25, $1.50 to $2.00 each.

Azalea Indica

In large plants we have the following, full of buds: Bernard Andre Alba (pure white), Niobe (pure white), HeleneThelemann (rose, light pink), Memoire de L. Van Houtte, large flowers (double pink), Empress of India, large flowering (double variegated), Dr. Moore (double pink), Mme. Van der Cruyssen (best of all the pink), Apollo (red), De Schryveriana (double variegated), $1.50, $2.00, $2.50 and $3.00. In smaller sizes we have the following varieties, full of buds: Deutsche Perle (double white), Vervaeneana (double variegated), a well known standard variety, Apollo (red), Simon Mardner (double pink), De Schryveriana (double variegated), Empress of India (double variegated), all well budded, 50c, 75c, $1.00, $1 25 and $1.50. Professeur Wolters $1.00, $1.25 to $1.50. This is a well known, bright, variegated variety. Mme. Van der Cruyssen (pink), 60c, 75c, $1.00 and $1 25. In Niobe (double white), have only the $1.00 and $1.25 sizes to offer, the smaller plants having dropped their buds. When we are out of one color, we send the next similar color: also, if we are out of the size ordered, we send the next size either above or below the price mentioned.

Easter Lilies, Lilium Multiflorum, the genuine Japanese Easter Lily, directly imported by us. We have a friend in Japan who looks after our interests there. He picks out for us only the good, healthy ones, and marks them while they are growing, the 10-in. bulbs, and therefore he ships to us the cream of the plants of Japan. We have lilies this year to burn; can supply, if nothing happens, every customer and others who want lilies. If you see them growing in our greenhouses you must all admit they are "crackerjacks." We sell them cheap, too. Where other florists get 15c per bud, we only charge you 10c per bud, for plants in 6-in. pots, having 5, 8, 10 and more buds to the plant. Plants under 5 buds, 12c per bud, 6-in. pots.

The 9 to 10 Japanese lily bulbs were nearly a failure last fall, owing to the bad weather. While other florists and some dealers only received 20 to 30 per cent of their orders, we were one of the fortunate, receiving the full amount of our order (5000) from one grower in Japan. No joke when I tell you our lilies were never so nice and perfect as this year. Orders for lilies only positively will not be filled; if you want the lilies it will be necessary for your order to call for other stock also.

Tournesol Tulips, best double tulips, variegated, three bulbs in a pot, $1.80 per dozen pots; $14.00 per 100.

Begonia, new improved **Erfordii,** 5-in. pots, $2.50 per dozen. **Flambeau,** 5 in., $2.00 per dozen.

Primula Obconica, 5-in., $2 00 to $2.50 dozen.

Cineraria Hybrida, best plants, 5¼ to 6-in. pots, **for Easter,** at $2.00, $3.00, $4.00, $5.00 to $6 00 per dozen.

Spiraea Gladstone. We have a house full in very fine condition, in bud now, just right for Easter, large plants, full of buds. Remember Gladstone is scarce this year, owing to the dry weather in Holland last year, but we were fortunate to have received enough to supply all of our customers; price, 6 to 7-in. pots, 50c, 75c, $1.00.

Ipomoea Noctiflora, purest white moonflower, for which we have a world-wide reputation, now ready, 2½-in. pots, $5.00 per 100.

Hyacinths, four best colors, King of the Blues (dark blue), Grand Maitre (light blue), Gertrude (best pink), La Grandesse (best white), right for Easter, in cold frame, 4-in. pots, 10c to 12c.

Murillo Tulips, 3 bulbs in a 4-in. pot, $2.00 per dozen pots; all bulb stock is strictly our own importation, now in cold frame covered with litter and will bloom in three weeks after bringing them into the greenhouse.

Daffodil Von Sion, best double, three bulbs, $2.50 per dozen.

Areca Lutescens, 5-in. pots, 3 plants in a pot, 35c.

Ficus Elastica (rubbers), 5½ to 6-in. pots, 25c to 30c.

Amerpohlii, very fine, 6-in., 50c to 75c.

Wilsoni in pans, 35c.

Asparagus Sprengeri, big stock, 3-in., 7c; 4-in., 10c.

Asparagus Plumosus, large, 2½-in., 3c; 3-in. pots, $5 00 per 100; 4-in., 10c.

Kentia Belmoreana, 3 in., 10c; 4-in., 20c.

Kentia Forsteriana, 6 to 7-in. pots, 40 to 45 inches high, 75c, $1.00 $1.25, $1.50, $2.00 to $3.00 each; 4-in., 20c; 5¼ to 5½-in. pots, 20 to 25 in. high, 50c to 60c.

Cocos Weddelliana, 3-in., 15c.

Nephrolepis Todeaoides and Whitmani, 5½ to 6-in. pots, 35c, 40c, 50c, 75c to $1.00.

Ferns for dishes, 2½ in., $5 00 per 100.

Hydrangea Otaksa, pot-grown, 6 to 7-in., 35c 50c, 75c, $1.00 to $1.50, full of buds, in fine condition for Easter.

All goods must travel at purchaser's risk. Cash with order, please. No references.

Please state if you want stock shipped in or out of pots.

All bulbs are now under cover in cold frame and will bloom in two weeks from the time of bringing them in the greenhouse.

GODFREY ASCHMANN, 1012 West Ontario Street, PHILADELPHIA, PA.

IMPORTER, WHOLESALE GROWER AND SHIPPER OF POT PLANTS

Classified Ad Department



Rate for advertising in this department 10 cents a line net, per insertion.

ADIANTUMS.

Adiantum Croweanum, fine, well furnished plants, 3-inch, 10c; 4-inch, $15.00 per 100.
Baur Floral Co., Erie, Pa.

AGAPANTHUS.

Agapanthus, African blue lily, $1.00 per dozen roots. Park Hill Floral Co., Hemet, Cal.

AGERATUMS.

Ageratums, fine purple; rooted cuttings, 50c per 100, $4.00 per 1000; 3-in., 3c each. Cash.
W. E. Trimble, Greenhouse Co., Princeton, Ill.

Ageratum, alyssum, artillery plants, asters and alternantheras, in rooted cuttings and 2-in.
Write Geo. A. Kuhl, Pekin, Ill.

Ageratum Stella Gurney, 2¼-in., $2.00 per 100. Cash with order.
C. A. Peterson, Madison, N. J.

Ageratum Stella Gurney, R. C., 50c 100; $4.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Ageratum Stella Gurney, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, O.

ALTERNANTHERAS.

THE FLORISTS' MANUAL.
(Wm. Scott.)
A practical guide for the florist, covering the successful management of all the usual florists' plants; including many topics, such as Greenhouse Building, Heating and Floral Decorating, etc. Written so you can understand it and profit by its guidance. Fully illustrated. Price, $5.00 a copy, carriage charges prepaid.
Florists' Publishing Co., Caxton Bldg., Chicago.

Alternantheras. Strong, well rooted cuttings, the kind that will please you. P. major, red, 50c per 100; $4.00 per 1000. A. nana, yellow, 50c per 100; $4.00 per 1000. Brilliantissima, best red, 60c per 100; $5.00 per 1000.
J. W. Davis, 225 W. 16th St., Davenport, Ia.

Make it your business—get the habit—of watching the Miscellaneous, To Exchange and Wanted advertisements over at the back of this department. There is always something doing.

Alternanthera Jewel, a splendid new variety, of a bronzy orange color, veined with scarlet, 2¼-in. pots, $2.00 per doz., $15.00 per 100.
Chas. H. Totty, Madison, N. J.

Alternantheras. Brilliantissima and Aurea nana, best red and yellow; rooted cuttings, 60c per 100; $5.00 per 1000.
Baur Floral Co., Erie, Pa.

Alternantheras, red and yellow, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Alternanthera R. C., 3 kinds, 50c; $4.50 per 1000. Cash. Byer Bros., Chambersburg, Pa.

Alternantheras, fall struck, 75c per 100; $6.00 per 1000. N. O. Caswell, Delavan, Ill.

Alternantheras, yellow, rooted cuttings, 50c per 100. Jos. H. Cunningham, Delaware, O.

Alternantheras, yellow, 2¼-in., 2c.
Mosbæk Greenhouse Co., Onarga, Ill.

ALYSSUM.

Alyssum, double giant, fine 2-in., 1¾c. Cash. Bargain list. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Alyssum, best for florists, rooted cuttings, 50c per 100; $4.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

AMPELOPSIS.

Ampelopsis Veitchii, fine, well rooted, one year plants, 18 to 24 in. 50 plants by mail, $2.00; 100 by express, $3.00; 1000, $25.00. Well graded and well packed plants in cellar.
Chas. Black, Hightstown, N. J.

Ampelopsis Veitchii, 5000 strong field stock, 18 to 24 live tops, also 50,000 privet, 20 to 30, 18 to 24 and 15 to 18 in. Write.
Benj. Connell, Merchantville, N. J.

ASPARAGUS.

Asparagus plumosus, 2-in., $2.00 per 100, $18.00 per 1000; 2½-in., $3.00 per 100, $27.50 per 1000. Sprengeri, 2¼-in., $1.75 per 100, $15.00 per 1000; 3-in., $4.00 per 100, $35.00 per 1000. Cash, please. Also see our advs. under ferns and vincas.
Reeser & Youngstrand, Springfield, Ohio.

ASPARGUS SPRENGERI AND PLUMOSUS.
Fine 2-in. Sprengeri, $2.00. 2-in. plumosus, $3.00; 4-in., $10.00.
Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, 2¼-in. pots, strong plants, $2.00 per 100. Grand Rapids Greenhouse Co., Grand Rapids, Mich.

Asparagus plumosus and Sprengeri, 2-in., $2.00 per 100; extra strong 2½-in., $4.00 per 100.
Wettlin Floral Co., Hornell, N. Y.

Asparagus plumosus, from 2¼-in. pots, $2.50 per 100; $22.50 per 1000. Cash with order.
Floral Hill Gardens, Chatham, N. J.

Asparagus plumosus, 2¼-in., 3c; 3-in., 6c. Sprengeri, 2¼-in., 2c; 3-in., 5c; 4-in., 10c.
Mosbæk Greenhouse Co., Onarga, Ill.

Asparagus Sprengeri, 2¼-in., $2.00 per 100; $18.00 per 1000. Cash with order.
C. A. Peterson, Madison, N. J.

Asparagus Sprengeri, 2, 3 and 4-in. pots, $2.00, $5.00 and $10.00 per 100.
Nixon H. Gano, Martinsville, Ind.

Asparagus plumosus nanus, 4-in., extra fine, large plants, $8.00 per 100.
Scharff Bros., Van Wert, Ohio.

Asparagus Sprengeri, 2-in., $3.00 per 100; 3½-in., heavy, $4.50.
Wagner Park Conservatories, Sidney, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Extra large, heavy strings, 50c each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, strong 2½-in., $1.50 per 100. J. C. Schmidt, Bristol, Pa.

Asparagus Sprengeri, 3-in. pots, $3.00 per 100. D. R. Herron, Olean, N. Y.

Asparagus Sprengeri, 2½-in., $3.00 per 100.
Marion Floral Co., Marion, Ind.

Asparagus plumosus, fine, 3-in., $5.00 per 100.
Weber Bros., Ironton, Ohio.

Get Sprengeri for Easter, 6c; 4 and 5-in.
Roney Bros., West Grove, Pa.

Asparagus plumosus and Sprengeri, $25.00 per 1000. Albert M. Herr, Lancaster, Pa.

Sprengeri seedlings, from flats, 80c 100, prepaid. J. L. Schiller, Toledo, Ohio.

Asparagus Sprengeri, 4-in., $6.00 per 100.
Joe W. Furst, Dayton, O.

AZALEAS.

Azaleas for Easter. Vervaeneana, Mme. Van der Cruyssen, Niobe, Empress of India, etc.; well budded and shapely plants, 50c, 75c and $1.00 each.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Azaleas, in bloom for Easter, $1.00, $1.25 and $1.50 each. Write Geo. A. Kuhl, Pekin, Ill.

BEGONIAS.

Begonias, blooming varieties, 8 best commercial kinds. Strong rooted cuttings, ready now, $1.00 per 100. Cash.
Chillicothe Floral Co., Chillicothe, O.

Begonias, blooming varieties, in mixture, $2.50 per 100. Metallica and Thurstoni, 2-in., $3.00 per 100; metallica, 2½-in., $5.00 per 100; incarnata, this is one of the finest Christmas begonias, easy to grow and lasts well, July delivery, 2-in., $4.00 per 100.
N. O. Caswell, Delavan, Ill.

REX BEGONIAS my specialty. Largest collection, $5.00 per 100; $45.00 per 1000; 250 at 1000 rate. B. C. BLAKE, Springfield, Ohio.

Begonia semperflorens, transplanted, extra strong, from flats, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

Begonias, flowering, 12 varieties, rooted cuttings, $1.25 per 100, postpaid. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Improved Begonia Vernon, large, transplanted plants, 75c per 100; $5.00 per 1000.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Begonia incarnata, 3, 4 and 5-in. pots, $6.00, $10.00 and $20.00 per 100.
Nixon H. Gano, Martinsville, Ind.

Begonia rubra, strong plants, 2-in., $2.50 100.
E. B. Randolph, Delavan, Ill.

Vernon begonias, 60c per 100. Cash.
C. A. Musser, Doylestown, O.

Begonias, Rex and blooming varieties.
Write Geo. A. Kuhl, Pekin, Ill.

Rex begonias, 2-in., strong, 3c.
J. H. Dann & Son, Westfield, N. Y.

BOXWOOD.

Boxwood, dwarf. Fine, well furnished, perfect, 2-year transplanted plants, 6 to 10 in., $1.50 per doz.; $8.00 per 100. Packed free. No samples. Guaranteed as represented above.
Chas. Black, Hightstown, N. J.

BULBS.

HOLLAND BULBS AND PLANTS.
Of all descriptions.
Write for catalogue and prices.
C. KEUR & SONS,
Hillegom, Holland, or 344 Bourne Bldg., Phila.

Caladium esculentum, 7 to 9, $2.00; 9 to 11, $4.00; 11 to 15, $6.00 per 100. Dwarf Pearl tuberoses, $6.00 per 1000; 80c per 100. Cash.
C. B. Johnson, Wallace, N. C.

SINGLE TUBEROSES.
Armstrong's Everblooming, just as dug from field. $2.00 per bushel.
A. H. Dailey, Knoxville, Tenn.

Mexican tuberose bulbs, $1.00 per 100; $7.00 per 1000. Good blooming size bulbs. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Mexican everblooming, sweet scented tuberose bulbs, flowering size, $6.00 per 1000.
Austin Floral Co., Austin, Tex.

Bulbs. Special wholesale price of list of native liliums now ready. Send for it.
L. E. Williams, Lock Box 342, Exeter, N. H.

Tuberose bulbs. Fine, large bulbs, 85c per 100. Park Hill Floral Co., Hemet, Cal.

CALLAS.

Calla devoniensis, the profuse Godfrey calla, extra strong plants, $4.00 per 100. 8% discount for cash with order.
Fred H. Lemon & Co., Richmond, Ind.

CANNAS.

Cannas. Sec. Chabanne, Paul Marquant, Cinnabar, $1.75 per 100; Pennsylvania, Louisiana, $2.00; Robusta, Mlle. Berat, $1.00; Beaute Poitevine, Pres. Viger, $3.00; Papa Nardy, $5.00; mixed, of best varieties, 75c per 100, $6.00 per 1000. Started plants can be furnished after March 1.
Wagner Park Conservatories, Sidney, O.

Cannas. Surplus of R. Wallace, best yellow, 2½c; Louisiana, Gladiator, Duke of York, Indiana, Philadelphia, Rubin, 2½c; Express, 3c; P. Nardy, 4c; K. Humbert, 6c. Choice 2 to 4 eye divisions in the pink of condition. Started plants in March and later.
W. J. Engle, R. R. 8, Dayton, Ohio.

Cannas, dormant roots, in prime condition. Louisiana, Indiana, Shenandoah, 1½c each. Duke of Marlborough, Florence Vaughan, 2c each.
A. R. Watkins, Gaithersburg, Md.

Cannas. Souv. d'Ant. Crozy, F. Vaughan, J. C. Vaughan, Burbank, K. Gray, Black Beauty, Chas. Henderson, $1.50 per 100.
A. J. Baldwin, Newark, Ohio.

CANNAS.

Our own home-grown stock is true to name. Extra selected, plump, sound, 2, 3, 4-eye roots. For other kinds and descriptions see display adv., Florists' Review, Jan. 27, page 6.

	100		100
Austria	$ 1.20	Louise, pink	$ 1.80
Allemania	1.20	Louisiana	1.50
Alba Rosea	1.20	Metallica	1.20
Alph. Bouvier	1.50	M. Washington	2.25
Alsace, white	1.50	Mont Blanc	4.50
B. Poitevine	1.75	Musaefolia, new.	1.50
Brandywine	2.00	Mrs. K. Gray	1.50
Buttercup, new	1.50	Mme. Crozy	2.00
Burbank	1.20	Mlle. Berat	1.75
Black Prince	1.80	Niagara	2.50
Black Beauty	2.50	Papa Nardy	2.00
Coronet	1.20	Pennsylvania	1.50
C. Henderson	1.50	Premier, gold-ed.	1.75
Crim. Bedder	2.00	Pres. Meyers	2.00
D. Marlboro	2.00	Q. Charlotte	2.25
Elizabeth Hoss	2.25	Robusta, red	1.20
Ex. Crampbel	1.50	R. Wallace	2.50
Egandale	1.50	S. Ant. Crozy	2.25
Express, dwarf	2.00	Shenandoah	1.75
Flor. Vaughan	2.00	Sec. Chabanne	2.00
Gladiator, new	2.25	Venus, new	3.00
Gladioflora, new.	10.00	Wm. Saunders	10.00
Italia	1.75	West Grove	1.80
J. D. Eisele	1.80	Wm. Boffinger	1.50
K. Humbert	4.50	All kinds, mix	.70

For caladiums, gladioli, tuberoses, etc., ask for special prices.

SHELLROAD GREENHOUSES,
Grange, Baltimore, Md.

Dry bulbs. King Humbert, $5.00 per 100. David Harum, Kate Gray, Pennsylvania, Allemania, Austria, $2.00. F. Vaughan, D. Marlborough, $1.50 per 100; $12.00 per 1000. Cash. A. Thornhill, Box 219, R. R. 5, Rosedale, Kan.

Canna roots. Souvenir de A. Crozy, Egandale, Queen Charlotte. A. Bouvier, $2.00 per 100; $18.00 per 1000. Cash, please.
J. Ambacher, West End, N. J.

Cannas. D. Harum, Pennsylvania, Burbank, $1.75 per 100; $15.00 per 1000. King Humbert, $4.00 per 100; $35.00 per 1000.
Andrew Peterson, Hoopeston, Ill.

Plump, healthy canna roots, $1.50 per 100; wintered in unheated earth pits. C. Henderson, Marlborough, Buttercup, etc.
Rose Gardens, North Emporia, Va.

Cannas, 2 and 3-eye divisions. Henderson and Pennsylvania, 2c; $18.50 per 1000. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

King Humbert cannas, started plants, ready March 15, $6.00 per 100; $50.00 per 1000.
Furrow & Co., Guthrie, Okla.

Cannas, a good assortment of fine large bulbs. Write for prices.
Mosbæk Greenhouse Co., Onarga, Ill.

Started clumps of Austria and Crozy cannas. G. B. Windler, 4059 Delore Ave., St. Louis, Mo.

Cannas, centaureas, cupheas, coleus.
Write Geo. A. Kuhl, Pekin, Ill.

CARNATIONS.

CARNATION CUTTINGS.

Strong, clean and well rooted.

Standard varieties.	100.	1000.
Enchantress	$3.00	$25.00
Rose-pink Enchantress	3.00	25.00
Winsor	3.00	25.00
Winona	3.00	25.00
Afterglow	3.00	25.00
Lawson	3.00	25.00
Melody	3.00	25.00
White Perfection	3.00	25.00
White Enchantress	3.00	25.00
Queen Louise	2.50	20.00
Beacon	3.00	25.00
Victory	3.00	25.00
Variegated Lawson	3.00	25.00
M. A. Patten	2.50	20.00
Mrs. Hutchison	3.25	25.00
Roosevelt	2.50	20.00
Boston Market	2.50	20.00
Flora Hill	2.50	20.00
Dorothy	2.50	20.00
Elbon	2.50	20.00
Liberty	2.50	20.00
Climax	2.50	20.00
White Beauty	2.50	20.00
Yellow Beauty	2.50	20.00
New varieties.	**100.**	**1000.**
Alma Ward	$15.00	$120.00
Mrs. C. W. Ward	12.00	100.00
Sangamo	12.00	100.00
Dorothy Gordon	10.00	75.00
Apple Blossom	6.00	50.00
May Day	6.00	50.00
Georgia	6.00	50.00

S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

Strong, well rooted carnation cuttings. Pink Delight, Mrs. J. C. Vaughan, Marchioness, O. P. Bassett, Mrs. Chas. Knopf, $6.00 per 100; Splendor, Beacon, Victory, White Perfection, $3.00 per 100. L. H. A. Klein, Towson, Md.

Lawson rooted cuttings, from extra strong stock, $12.00 per 1000, or will exchange for rooted cuttings or 2½-in. pot plants of geraniums. Albert T. Hey Floral Co., Maywood, Ill.

Carnation rooted cuttings. F. Maid, $1.25; Mrs. Lawson, Harlowarden, $1.85 100. Nothing better. Otto Bourdy, R. D. 8, Lowell, Mass.

CARNATION CUTTINGS.

Strong, well rooted, healthy stock.

Mary Tolman	$100.00	per 1000
Enchantress	15.00	per 1000
Rose-pink Enchantress	15.00	per 1000
White Enchantress	25.00	per 1000
Lawson-Enchantress	15.00	per 1000
O. P. Bassett	40.00	per 1000
Lucille	50.00	per 1000
Beacon	25.00	per 1000
Mrs. Charles Knopf	40.00	per 1000
Victory	20.00	per 1000
Winsor	15.00	per 1000
Winona	25.00	per 1000
Afterglow	25.00	per 1000
Variegated Lawson	12.00	per 1000
Pink Lawson	10.00	per 1000
Queen	8.00	per 1000
Sarah Hill	20.00	per 1000
White Perfection	25.00	per 1000
Harlowarden	15.00	per 1000
Ruby	45.00	per 1000
Aristocrat	25.00	per 1000

Cash or C. O. D.
SOL. GARLAND, DES PLAINES, ILL.

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. C. W. Ward	$12.00	$100.00
Conquest	12.00	.....
Sangamo	12.00	.....
Alma Ward	15.00	125.00
Mrs. J. C. Vaughan	6.00	50.00
Bay State	6.00	50.00
Georgia	6.00	50.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00
Beacon	3.00	25.00
Robert Craig	3.00	25.00
Afterglow	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
Harlowarden	3.00	25.00
Winsor	3.00	25.00
Lawson-Enchantress	3.00	25.00

Chas. H. Totty, Madison, N. J.

CARNATION ROOTED CUTTINGS.

My stock has not been allowed to throw over three blooms per plant and is therefore very vigorous, producing cuttings, strong and full of life. Cuttings from such stock will produce more and better flowers next winter than the ordinary grade from stock that has been flowered to death. 250 at 1000 rate.

	100	1000
Harlowarden	$2.00	$18.00
Enchantress	2.50	20.00
Rose-pink Enchantress	2.75	22.50
White Perfection	2.75	22.50
Pure White Enchantress	3.00	25.00
Winona	3.00	25.00
Beacon	3.50	30.00

A. A. GANNETT, GENEVA, N. Y.

CARNATION ROOTED CUTTINGS.

Strong, healthy, vigorous.

	100	1000
Sangamo, see display adv.	$12.00	$100.00
Conquest	12.00	100.00
May Day	6.00	50.00
Pink Delight	6.00	50.00
Afterglow	3.00	25.00
Winona	3.00	25.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
White Lawson	2.50	20.00
Enchantress	2.50	20.00
Beacon	2.50	20.00
Victory	2.50	20.00
Mrs. M. A. Patten	2.50	20.00

A. C. BROWN, SPRINGFIELD, ILL.

ROOTED CARNATION CUTTINGS.

	100.	1000.
Mary Tolman	$12.00	$100.00
Sangamo	12.00	100.00
Conquest	12.00	100.00
O. P. Bassett	6.00	50.00
White Enchantress	3.00	25.00
Rose-pink Enchantress	2.50	20.00
Enchantress	2.50	20.00
Aristocrat	3.00	25.00
Winona	3.00	25.00
White Perfection	2.50	20.00
Lawson	2.00	15.00
Patten	2.00	15.00
Pink Patten	2.00	15.00

Des Plaines Floral Co., Des Plaines, Ill.

STRONG, HEALTHY, WELL ROOTED CARNATION CUTTINGS.

Alma Ward, $15.00 100; $120.00 1000. Admiration, Mrs. C. W. Ward, Shasta, Sangamo, Mary Tolman, Conquest, $12.00 100; $100.00 1000. Dorothy Gordon, $10.00 100; $75.00 1000. Niagara, Wanoka, Ruby, May Day, Georgia, Mrs. J. C. Vaughan, O. P. Bassett, Bay State, Apple Blossom, Gov. Deneen, $6.00 100; $50.00 1000. White Perfection, White Enchantress, Winsor, Beacon, Afterglow, Winona, Snowflake, $3.00 100; $25.00 1000. Lloyd, Enchantress, Rose-pink Enchantress, Mrs. M. A. Patten, $2.50 100; $20.00 1000.

S. J. Reuter & Son, Inc., Westerly, R. I.

Carnation rooted cuttings, strong plants, for early delivery. Enchantress, Estelle, White Lawson, White Enchantress, Variegated Lawson, Lawson, $1.75 100, $15.00 1000; Winsor, Prosperity, Galloway's Dark Red, $2.00 100, $17.50 1000; White Perfection, $2.50 100, $20.00 1000; Mrs. Galloway (Pink Prosperity, Fiancee shade, new, sold exclusively by us), Improved Rose Enchantress, new, $4.00 100, $30.00 1000. Cash with order. H. Hayashi & Co., Alameda, Cal.

ROOTED CARNATION CUTTINGS.

	100	1000
Georgia	$6.00	$50.00
White Enchantress	3.00	25.00
White Perfection	3.00	25.00
May Day	6.00	50.00
Winsor	3.00	25.00
Enchantress	3.00	25.00
Rose-pink Enchantress	3.00	25.00
O. P. Bassett	6.00	50.00
Beacon	3.00	25.00
Victory	3.00	25.00

And all the standard varieties.
THE LEO NIESSEN CO.,
1209 Arch St., Philadelphia, Pa.

First-class carnation rooted cuttings.

	100	1000
Enchantress	$2.00	$18.00
R. P. Enchantress	2.00	20.00
Winsor	2.00	18.00
Afterglow	2.50	22.50
R. Craig	1.75	15.00
Harlowarden	1.25	10.00
White Enchantress	2.50	22.50
White Perfection	2.50	22.50
Queen Louise	....	12.50

Cash with order or will ship C. O. D. subject to examination.
Andrew Peterson, Hoopeston, Ill.

ROOTED CARNATION CUTTINGS.

Enchantress	$2.00	100;	$15.00	1000
R. P. Enchantress	2.00	100;	15.00	1000
Lawson-Enchantress	2.00	100;	18.00	1000
Winsor	1.50	100;	12.50	1000
Nelson Fisher	2.00	100;	15.00	1000
M. A. Patten	1.00	100;	10.00	1000
Lady Bountiful	1.50	100;	12.50	1000
Boston Market	1.00	100;	10.00	1000
Beacon	3.00	100;	25.00	1000

Cash or C. O. D.
John H. Miller, 5558 N. Lincoln St., Chicago.

CARNATION BAY STATE.

Last fall we bought a large stock of this new variegated carnation and now can offer first-class rooted cuttings at $3.00 per 100.

Also rooted cuttings, good stock, of Beacon, Enchantress, Rose Enchantress, Victory, White Enchantress, White Perfection, Winsor and Winona, $3.00 per 100; unrooted, $2.00 per 100. Reduced prices made on large orders.

SHEPARD'S GARDEN CARNATION CO.,
292 Fairmount St., Lowell, Mass.

Carnation cuttings, clean, healthy stock, guaranteed. Enchantress, $2.00 per 100; $18.00 per 1000. Beacon, White Enchantress, Rose-pink Enchantress, $2.50 per 100; $25.00 per 1000. Lawson, $1.50 per 100; $15.00 per 1000. Winsor, $2.00 per 100; $20.00 per 1000. Admiration, $12.00 per 100; $100.00 per 1000. May Day, Georgia, O. P. Bassett, Mrs. Chas. Knopf, $6.00 per 100; $50.00 per 1000. Cash, please.
H. P. Smith, Piqua, Ohio.

CARNATION ROOTED CUTTINGS.

Healthy, vigorous stock, well rooted.

	100	1000
O. P. Bassett	$6.00	$50.00
White Enchantress, Beacon	3.00	25.00
Winona, Afterglow	3.00	25.00
Red Nelson Fisher	3.00	25.00
Winsor	2.00	18.00

A. C. Canfield, Springfield, Ill.

SELECT CUTTINGS, HEAVILY ROOTED. VERY GOOD VALUE.

	100.	1000.
White Enchantress, Beacon	3.00	$25.00
Rose-pink, W. Perfection	3.00	25.00
Enchantress, Winsor	2.00	20.00
W. Lawson, Red Lawson	2.00	15.00
Mrs. Lawson	1.50	12.00

Gullett & Sons, Lincoln, Ill.

WELL ROOTED CARNATION CUTTINGS.

	1000		1000
Winsor	$15.00	L. Bountiful	$15.00
P. Lawson	15.00	W. Enchantress.	20.00
W. Lawson	15.00	R. P. Ench'tress	20.00
Victory	15.00	Enchantress	20.00

Cash, please. Good stock, good count.
Geo. A. Relyea, Poughkeepsie, N. Y.

Well rooted carnation cuttings, entirely free from all disease. Winsor, Enchantress, White Enchantress, White Perfection, Beacon, $3.00 per 100; $25.00 per 1000. Boston Market, $2.00 per 100; $17.50 per 1000.
Edw. Reid, 1526 Ranstead St., Philadelphia, Pa.

Carnations, strong rooted cuttings. Apple Blossom, $5.00; Beacon, $3.00; White Enchantress, $3.00; Rose-pink and White Perfection, $2.50; Enchantress, $2.00 per 100. Ready now. Unrooted at half price.
Scharff Bros., Van Wert, Ohio.

Well rooted carnation cuttings. Lawson, Lawson-Enchantress, Enchantress, Lady Bountiful and Winsor, $1.75 per 100; $15.00 per 1000. O. P. Bassett, $5.00 per 100.
E. NAGEL & SON,
1118 W. Lake St., Minneapolis, Minn.

Strong, clean, well rooted cuttings of Winsor, $3.00 per 100; $25.00 per 1000. We will exchange 1000 well rooted Winsor for 1000 well rooted White Enchantress.
Valley View Greenhouses,
Velie Bros., Props., Marlborough, N. Y

Special offer at $15.00 per 1000. 10,000 Beacon, 10,000 Victory, 5,000 Lady Bountiful, 3,000 Lawson-Enchantress, strong, rooted cuttings, from sand.
Wm. Murphy, 311 Main St., Cincinnati, O.

CARNATIONS Continued.

Carnations, strong, healthy rooted cuttings, ready now.
White Perfection. Enchantress
Lady Bountiful R. P. Enchantress
White Enchantress Lawson-Enchantress
$2.50 per 100; $20.00 per 1000.
KRUEGER BROS., TOLEDO, OHIO.

Carnations, ready March 1. May Day, $6.00 100, $50.00 1000; Lawson and Victory, $2.00 100, $15.00 1000; Enchantress, W. Enchantress and W. Perfection, $2.50 100, $20.00 1000.
W. Frank & Sons, Portland, Ind.

Harlowarden, Craig, White and Pink Lawson rooted carnations, $1.75 per 100; $15.00 per 1000. Extra good. Will take rose plants in exchange. The Newburys, Mitchell, S. D.

Rooted carnation cuttings. Enchantress, W. Enchantress, Rose-pink Enchantress, Pink Imperial, $2.75 per 100.
South Bend Floral Co., South Bend, Ind.

Carnations. Winsor and Mrs. T. W. Lawson, from 2-in. pots, $2.50 per 100; $20.00 per 1000. Elegant stock.
N. A. Benson, 1360 So. Sherman St., Denver, Col.

Carnations. Apple Blossom and Wanoka, strong rooted cuttings, immediate delivery.
Wanoka Greenhouses, Barneveld, N. Y.

Carnations. Well rooted cuttings of Boston Market and Harlowarden, $1.00 per 100.
A. B. Campbell, Cochranville, Pa.

Carnations, rooted, clean and strong, from boxes. Winsor, Beacon, $24.00 per 1000.
Rose Hill Nursery, New Rochelle, N. Y.

Well rooted cuttings of LAWSON, $1.00 100.
Baker, 100 W. Pleasant, Syracuse, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, strong, well rooted cuttings, from bench-grown stock, guaranteed to give the best of satisfaction.

	1000		1000
Mme. Touset	$10.00	W. Bonnaffon	$10.00
Bergman, early white	15.00	Y. Bonnaffon	10.00
Mrs. Robinson	10.00	Yellow Eaton	15.00
Oct. Frost	10.00	White Eaton	15.00
Ivory	10.00	G. Pacific	10.00
Pink Ivory	10.00	Chadwick	15.00

Golden Glow, $20.00 per 1000. This is the earliest and best money maker of all mums.
We have good R. R. service, 24 express trains daily.
Swan Peterson Floral Co., Gibson City, Ill.

Chrysanthemum rooted cuttings, $1.00 per 100, $10.00 per 1000, except where noted. YELLOW—Early: Monrovia; Golden Harvest, $1.50 per 100; Louise Sievers, $1.50 per 100; Golden Glow, $1.50 per 100. Midseason: Bonnaffon. Late: Appleton, Yellow Jones. WHITE—Early: October Frost, $1.50 per 100, Queen. Midseason: Lynnwood Hall, Alice Roosevelt. Late: Jerome Jones. PINK—Pacific Supreme, Mrs. Wm. Hunter, $1.50 per 100; Wm. Duckham, $1.50 per 100. RED—Amateur Counsell. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Chrysanthemums. Yellow Ivory, a fine yellow sport of the well-known Ivory, young stock, 2¼-in. pots, ready March 1, $15.00 per 100.
Mrs. O. H. Kahn, Pockett's Crimson and Yellow Miller, fine plants, 2½-in. pots, ready now, $10.00 per 100.
Monrovia, Golden Glow, Miss M. Hankey, Nellie Pockett, 2¼-in., $3.00 per 100, $25.00 per 1000. Chas. H. Totty, Madison, N. J.

Chrysanthemum rooted cuttings, $1.00 per 100; $10.00 per 1000. Monrovia, Oct. Frost, Dr. Enguehard, Wm. Duckham, Cremo, Opah, Shaw, Jones, Minnie Bailey, Robinson, Maud Dean, G. Pacific, Estelle, Bonnaffon, White Bonnaffon, Black Hawk, Touset, Alice Byron and Nonin. Healthy stock, guaranteed.
D. R. Herron, Olean, N. Y.

Chrysanthemum stock plants. Monrovia, Halliday, Pacific, Estelle, Alice Byron, White and Pink Ivory, White Bonnaffon, Clay Frick, Beatrice May, Cremo, Wm. Duckham, Lavender Queen, Golden Wedding, Nonin, Yanoma and Polly Rose, 50c per doz.; $3.00 per 100.
Jas. D. Hooper, Richmond, Va.

Rooted mum cuttings from strong plants, bench grown. Jeanne Nonin, Yanoma, John Burton, Honesty, Golden Wedding, White and Yellow Bonnaffon, Wm. Duckham, Helen Frick, Dr. Enguehard, $1.00 per 100. Immediate delivery.
The Newburys, Mitchell, S. D.

Chrysanthemums, strong, healthy rooted cuttings. Crocus, R. Halliday, Polly Rose, Early Snow, Rosiere and Pacific Supreme, $2.00 per 100. These are all early and money makers. Cash, please. Quality is our hobby.
W. C. Hill Floral Co., Streator, Ill.

Orders now booked for rooted cuttings of Nonin, Maud Dean, Robinson, Enguehard and Appleton, 75c per 100. Ready now. U. S. Express.
W. C. Scovell, Malta, Ohio.

Chrysanthemums, strong, well rooted cuttings, best early commercial varieties. Golden Glow, $15.00 per 1000; Kalb and Bonnaffon, $10.00 per 1000. Batavia Greenhouse Co., Batavia, Ill.

Pompons, field clumps, 4c; the lot of 1000, $30.00. Hugo Kind, Hammonton, N. J.

Gloria, a large early Enchantress pink mum; Pres. Taft, a huge glittering white midseason; both have stems and foliage unsurpassed. R. C., now ready, $1.00 per 25, $3.75 per 100, prepaid.
Chas. Frost, Kenilworth, N. J.

Chrysanthemums, well rooted cuttings, 75c per 100. Oct. Frost, Estelle, Monrovia, G. Glow, Halliday, Bonnaffon, Enguehard. Cash, please.
Geo. A. Relyea, Poughkeepsie, N. Y.

Chrysanthemum rooted cuttings, good, clean, healthy stock, now ready, $1.00 per 100. J. Nonin, Dr. Enguehard, Crocus and Golden Glow.
A. J. Boothman, Adams, Mass.

Chrysanthemums. 2000 very heavy, well rooted White Bonnaffon cuttings from soil, $2.00 per 100; $18.00 per 1000.
Wilfrid Wheeler, Concord, Mass.

Chrysanthemum rooted cuttings, standard varieties, $1.00 per 100; $10.00 per 1000. Stock guaranteed, ready now.
A. W. Higgins, Westfield, Mass.

Chrysanthemums, from 2¼-in. Polly Rose and Dr. Enguehard, $2.50 per 100; $20.00 per 1000. Cash with order.
C. A. Peterson, Madison, N. J.

Chrysanthemums. Strong rooted cuttings, $1.00 per 100. Cash. Appleton, Touset, Monrovia and Yellow Bonnaffon. E. T. Wanzer, Wheaton, Ill.

Chrysanthemums, strong, rooted cuttings. Polly Rose, Enguehard, Smith, Halliday, 75c per 100. Cash. C. A. Musser, Doylestown, O.

Chrysanthemum Pres. Taft, well rooted cuttings, 75c per doz., postpaid.
A. B. Campbell, Cochranville, Pa.

CENTAUREAS.

Centaureas, Emperor William, double blue, double white, 25c per 100; $2.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

CINERARIAS.

Cinerarias, superb, rich, bright colors and right for Easter, 5-in., $1.50 per dozen.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cinerarias, large flowering dwarf and Stellata, 2½-in., $2.00 per 100; 300 for $5.00.
J. O. Schmidt, Bristol, Pa.

Cinerarias, $2.00 per 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cinerarias, Dreer's dwarf, 4-in., $8.00 per 100.
Krueger Bros., Toledo, Ohio.

CLEMATIS.

Clematis paniculata, splendid stock and plants, $1.00 per doz.; $6.00 per 100. Large flowering, purple, red, white and blue, $2.00 per 10.
F. A. Baller, Bloomington, Ill.

Clematis paniculata, in 1½-in. pots, strong, well rooted plants, fine for mailing or lining out, 2½c each; $22.00 per 1000. Cash.
H. G. Norton, Perry, Lake Co., Ohio.

3,600 Clematis Mme. B. Veillard, at 8c each.
Parks & Schaufelberger, Penfield, N. Y.

CLIVIAS.

Clivias, large roots, 35c each; second size, 25c. Park Hill Floral Co., Hemet, Cal.

COLEUS.

Coleus, $4.00 per 1000; 60c per 100, by mail. 50,000, good, strong, clean, well rooted cuttings, now in sand; 300,000 more coming on. Verschaffeltii, Golden Bedder, Queen Victoria, Fire Brand, and all other leading varieties. Come and see them. Cash with order.
C. Schulze & Son,
261-275 Lawrence St., Flushing, L. I., N. Y.

Coleus, from 2½-in. pots, $2.00 per 100; rooted cuttings, 15 varieties, 60c per 100, $5.00 per 1000. J. & R. Krumholz, 825 Superior St., Detroit, Mich.

Coleus rooted cuttings. New trailer, fine for window boxes, vases, etc., 25c per 10; $1.50 per 100. The Kaber Co., La Porte, Ind.

Coleus, 20 best varieties. Rooted cuttings, 60c per 100, $5.00 per 1000; 2¼-in., $2.00 per 100. Curtis Floral Co., Hampton, Iowa.

Coleus rooted cuttings, Verschaffeltii and Golden Bedder, 60c per 100; $5.00 per 1000.
Wm. Schwan & Son, Fredonia, N. Y.

Coleus rooted cuttings, 60c 100; $5.00 1000. Golden Bedder, Verschaffeltii and others.
E. B. Randolph, Delavan, Ill.

Coleus in assortment, 2-in., $2.00 per 100; rooted cuttings, 60c per 100.
N. O. Caswell, Delavan, Ill.

Coleus rooted cuttings, 15 best varieties, 60c per 100; $5.00 per 1000.
Thos. Salveson, Petersburg, Ill.

Coleus, 6 best varieties, 2-in., $1.75; rooted cuttings, 75c per 100.
Krueger Bros., Toledo, Ohio.

Coleus, extra fine stock in top cuttings, 75c; 2¼-in., $2.00 per 100.
Mosbæk Greenhouse Co., Onarga, Ill.

Coleus rooted cuttings. Golden Bedder, Verschaffeltii and 10 other fine varieties, 60c per 100, $5.00 per 1000; 2½-in. pots, $2.50 per 100. D. H. Ruthrauff, Seneca Falls, N. Y.

Coleus rooted cuttings, good varieties, 60c per 100; $5.00 per 1000.
Swan Peterson Floral Co., Gibson City, Ill.

Coleus rooted cuttings, 15 kinds, $5.00 per 1000. U. G. Hargierode, Shippensburg, Pa.

CUPHEAS.

Cigar plants, rooted cuttings, 60c per 100, prepaid. G. E. Fink, Roselle, N. J.

CYCLAMEN.

Cyclamen in bud or bloom, fine Easter stock. Giganteum superbum, 10 varieties new English strain, Rococo in all colors, new salmon shades; also fringed and frilled. All that is best. 4-in., per 100, $12.00; a few 3-in., at 8c; 5-in., 25c; 6-in., 50c; 7-in., 75c.
J. Sylvester, Florist, Oconto, Wis.

Cyclamen persicum giganteum, August sowing, twice transplanted, separate colors and fine mixture, $2.50 per 100; $20.00 per 1000. Mail or express, charges prepaid.
E. Fryer, Johnstown, Pa.

Cyclamen giganteum (August seedlings), twice transplanted from flats; well-grown plants, in 5 colors, $3.00 per 100; $25.00 per 1000.
Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum, five different colors, J. C. Schmidt's strain, 3-in. pots, good strong plants, $5.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Cyclamen, in bud and bloom, fine stock for Easter, 4-in., $10.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Cyclamen, 3-in., $4.75; 4-in., $12.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Cyclamen. 3-in., in bud, $6.00 per 100. Fine stock. Cash. Scharff Bros., Van Wert, Ohio.

Cyclamen giganteum, bud and bloom, 4-in., 15c. Krueger Bros., Toledo, Ohio.

Cyclamen in 3, 4, 5-in., in bloom.
Write Geo. A. Kuhl, Pekin, Ill.

DAHLIAS.

Dahlias. John Elitch, Sweet Nell, H. Lyndhurst, F. L. Bassett, Mrs. Winters, Gen. Buller, Queen Victoria, $2.00 per 100. Catherine Duer, Camelliaflora, Eureka, A. D. Livoni, Clifford Bruton, H. Patrick, $3.00 per 100. Dainty, Maid of Kent, Jeanne Charmet, Countess of Lonsdale, Kriemhilde, Wm. Agnew, Mrs. Hartung, Souv. de Gustav Doazon, $4.00 per 100. Assorted to color, $2.50 per 100, $20.00 per 1000; separate colors, same price. Single Centurys, in mixtures, $2.00 per 100; $15.00 per 1000. All strong divisions of field roots, sound and true to name.
W. A. Finger, Hicksville, L. I., N. Y.

Dahlias, best varieties, that will produce fine cut flowers the first season, from strong divided field roots. Mrs. Roosevelt, Kriemhilde, Sylvia, pink; Henry Patrick, white; Wm. Agnew, Catherine Duer, red; Countess of Lonsdale, salmon-pink, and Twentieth Century, single, $5.00 per 100. Thompson & Sons, Sta. D, Milwaukee, Wis.

Dahlias. Novelties and standard varieties, true to name, a choice list of the best introductions. Send for catalogue of dahlias, hollyhocks, hardy plants, etc.
W. W. Wilmore, Box 382, Denver, Colo.

Dahlias. Countess of Lonsdale, $8.00 per 100; Black Beauty, Elegante, $3.00; Arabella, Earl of Pembroke, $6.00. All large roots. Order today. Wagner Park Conservatories, Sidney, O.

Dahlias, strong divisions, pot roots or plants of all the best cut flower varieties. W. K. Fletcher, Grower and Importer, R 5, Des Moines, Iowa.

If you are looking for up-to-date dahlias, send for my 1910 trade prices on field clumps.
J. K. Alexander,
The Eastern Dahlia King, E. Bridgewater, Mass.

Get my special offer of dahlias before buying. Large field clumps, surplus stock.
Barnes' Gardens, Spencer, Ind.

Dahlias, good, strong divisions, all named varieties, $1.75 per 100.
C. W. Hoffman, Route 13, Dayton, O.

45,000 field-grown clumps, 2c and up. List ready. H. W. Koerner, Sta. B, Milwaukee, Wis.

DAISIES.

Hardy daisies. Chrysanthemum maximum, fine for cut flowers, better than Shasta, once planted always there, hardy anywhere. One-year-old divisions, field-grown, $2.50 per 100; $20.00 per 1000. Cash with order.
W. A. Finger, Hicksville, L. I., N. Y.

Daisies. California, white and yellow, from seed, 75c per 100; Paris, 2½-in., strong plants, $1.75 per 100.
Wm. Eschrich & Co., North Milwaukee, Wis.

Shasta daisies, field-grown divisions, $15.00 per 1000. Hyde Park Floral Co., Austin, Tex.

Shasta daisy plants, field-grown, 75c per 100; $6.50 per 1000. Cash or C. O. D.
Cook & Cook, Alvin, Tex.

Bellis or double daisies, pink and white, seedlings, 25c per 100; $2.00 per 1000.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Paris daisies, white, yellow, rooted cuttings, $1.00; pink, 2c. Cash.
Byer Bros., Chambersburg, Pa.

New fringed Shasta daisy, Seattle, 50c each. $5.00 doz.; seed packets, $1.00.
L. P. Wais, 1608 2nd Ave., Seattle, Wash.

Daisies, Marguerites, California, white, extra strong, $1.25 per 100, by mail.
S. W. Pike, St. Charles, Ill.

Daisy Queen Alexandra, from 2¼-in. pots, $2.50 per 100. Cash.
O. B. Kenrick, 52 Alexander, Belmont, Mass.

Daisies, Queen Alexandra, anthemis, Marguerite. Write Geo. A. Kuhl, Pekin, Ill.

Marguerite daisies, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

DIELYTRAS.

Dielytra spectabilis, field-grown, $4.00 100.
S. J. Galloway, Eaton, Ohio.

DRACÆNAS

Dracaena indivisa. 1000 very fine plants, from 3½-in. pots, ready for a shift, will make fine vase plants by May, $8.00 per 100, or will sell lot for $50.00.
Wilfrid Wheeler, Concord, Mass.

Dracaena indivisa, fine, strong plants, from 3½-in. pots, $6.00 per 100; $50.00 per 1000. 8% discount for cash with order.
Fred H. Lemon & Co., Richmond, Ind.

Dracaena indivisa, 4-in., 12c; fine field-grown stock, ready for 5 and 6-in. pots. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Dracaena indivisa, 5-in., $20.00 per 100; 4-in., $15.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, 5-in., see display adv.
John Irvine & Sons, Bay City, Mich.

Dracaena indivisa, 3-in., 5c; 4-in., 15c.
Mosbæk Greenhouse Co., Onarga, Ill.

Dracaena indivisa, 4-in., $8.00 per 100.
Joe W. Furst, Dayton, O.

EASTER PLANTS.

Hyacinths, from 4-in. pots, just right for Easter, blue, white, rose-pink or mixed, $8.00 per 100. Try them. Tulips, three to the pot, $10.00 per 100.
Alonzo J. Bryan, Washington, New Jersey.

Easter plants. Specimen hydrangeas, 4-in., 25c; 5-in., 50c; 6-in., 75c; 8, 9 and 10-in., $2.50 to $3.50 each.
Write Geo. A. Kuhl, Pekin, Ill.

EULALIAS.

Eulalias in variety, strong, field-grown, $5.00 100. S. J. Galloway, Eaton, Ohio.

FERNS.

FERNS FOR FERN DISHES, extra strong, healthy, bushy, full-grown, 2¼-in. stock, guaranteed to please. Assortment of 12 best varieties, $3.00 per 100, $25.00 per 1000; 250 at 1000 rate.
ADIANTUM CUNEATUM AND GRACILLIMUM, 2¼-in., $3.50 per 100; $30.00 per 1000.
CIBOTIUM SCHIEDEI, king of ferns, handsomest, most valuable plant for all decorative purposes; no plant more profitable to both grower and retailer. Young stock for growing on ready March, April and May. Stock the largest, prices the best. Orders booked now.
ASPARAGUS PLUMOSUS, 2¼-in., $3.00 per 100; $25.00 per 1000.
J. F. ANDERSON,
Fern Specialist, Short Hills, N. J.

FERNS! FERNS!! FERNS!!!

Boston.

4-in.	$12.00	100	7-in.	$60.00	100
5-in.	25.00	100	8-in.	80.00	100
6-in.	40.00	100	9-in.	1.25	ea.

Whitmani.

5-in.	$30.00	100	7-in.	$60.00	100
6-in.	45.00	100	8-in.	80.00	100

R. R. DAVIS & CO., MORRISON, ILL.

FERNS FOR DISHES.
100,000 small ferns for dishes, 2¼-in., $3.00 per 100.
J. BADER,
43 Ravine St. N. S., Pittsburg, Pa.

Ferns. Whitmani and Elegantissima, 3-in., 10c; Boston and Piersoni, 3-in., 8c; Piersoni, Elegantissima and Whitmani, 5-in., 30c.
Mosbæk Greenhouse Co., Onarga, Ill.

Boston ferns, good strong plants, 5-in., $20.00 and $25.00 per 100; 6-in., $35.00 and $40.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Do you want some nice ferns from pans, in large assorted sizes? If you do, write me. I have a bargain. N. O. Caswell, Delavan, Ill.

Three large houses full of fine ferns. Boston, Whitmani and Scottii, 2½-in., $3.50 per 100, $35.00 per 1000; 3-in., $8.00 per 100, $75.00 per 1000; 4-in., $12.00 per 100, $115.00 per 1000. All of these ferns are ready for a shift and are exceptional values. Cash, please. Also see advs. under asparagus and vincas.
Reeser & Youngstrand, Springfield, Ohio.

Fine assorted ferns, out of 3-in. pots, well grown, $5.00 per 100. Pteris Wimsetti, Pteris adiantoides, Cyrtomium falcatum, Pteris albolineata, Pteris Mayii, Aspidium tsussimense. Cash with order, please.
CHAS. A. KNAPP,
7634 Carson St., Chestnut Hill, Phila., Pa.

Ferns, strong, 6-in. stock. Scottii, Piersoni, Whitmani, todeaoides, 40c to 50c; Superbissima, 6-in., 75c to $1.00; 4-in., 35c to 40c.
Evenden Bros., Williamsport, Pa.

Ferns for dishes, assorted varieties, 2¼-in. pots, $3.50 per 100; $30.00 per 1000. Cash.
F. Oechslin, 4911 Quincy St., Chicago.

Ferns. Piersoni, Barrowsii, Scottii and Elegantissima, 4-in., $15.00 per 100.
Wagner Park Conservatories, Sidney, O.

Ferns. Boston and Elegantissima, strong, 4-in., 15c; 6-in., 40c. Cash.
J. M. Smely, Aurora, Ill.

20,000 ferns for dishes, 2¼-in., $3.00 per 100; $25.00 per 1000. Cash.
Bannister Bros., Syracuse, N. Y.

Boston and Whitmani ferns, extra fine, strong 2-in., $3.50 100. Cash.
F. C. Greene, Oil City, Pa.

Boston and Piersoni ferns, 2-in., $2.50 per 100. Cash. Chillicothe Floral Co., Chillicothe, O.

Whitmani ferns, 4-in., 10c; 2½-in., 3c, $25.00 per 100. John A. Doyle, Springfield, Ohio.

Boston ferns, strong, from bench, $24.00 per 1000. Rose Hill Nursery, New Rochelle, N. Y.

Whitmani ferns, 4-in., $15.00 per 100.
Baur Floral Co., Erie, Pa.

FEVERFEW.

Feverfew rooted cuttings, 75c per 100; $6.00 per 1000. Batavia Greenhouse Co., Batavia, Ill.

Feverfew Little Gem, 80c per 100 by mail.
S. W. Pike, St. Charles, Ill.

FUCHSIAS.

Fuchsias, good market varieties. Rooted cuttings, $1.25 per 100; 2-in., $2.50 per 100, $22.00 per 1000. This is good, strong stock.
N. O. Caswell, Delavan, Ill.

Finest double fuchsias, dwarf habit. Strong, well rooted cuttings, $1.00 100; $8.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Fuchsias, rooted cuttings, $1.00 per 100; nice, bushy stock plants, 4-in., $8.00 per 100.
W. Eschrich & Co., North Milwaukee, Wis.

Fuchsias, single and double, rooted cuttings, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

Fuchsia Black Prince, from 2½-in. pots, $2.50 per 100. J. & R. Krumhols, 825 Superior St., Detroit, Mich.

Fuchsias and feverfew.
Write Geo. A. Kuhl, Pekin, Ill.

GENISTAS.

Genistas, just coming into flower and right for Easter, 5-in., $2.00 per doz.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Genistas, strong plants from flats, $1.50 per 100. S. Whitton, 15 Gray Ave., Utica, N. Y.

GERANIUMS.

GERANIUM CUTTINGS, A 1 STOCK.
BEAUTE POITEVINE (salmon), delivery about Feb. 25; S. A. NUTT, MME. BUCHNER, JEAN VIAUD, GEN. GRANT, for delivery March 1 to 5, $1.50 per 100; $15.00 per 1000. Cash.
The W. T. Buckley Co., Springfield, Ill.

Geraniums, good strong stock. S. A. Nutt, La Favorite, Viaud, A. Ricard, Poitevine, 2½-in. stock, $2.25 per 100; 3-in., $4.00 per 100. Mixed geraniums, 2c and 3½c.
Andrew Peterson, Hoopeston, Ill.

Geranium cuttings, last call. 3000 Beaute Poitevine, salmon pink, semi-double; 1500 La Favorite, white, double; 3000 Kenilworth, single, scarlet, and 2000 Mrs. F. Gloede, rose-pink, semi-double, $2.00 per 100; $14.00 per 1000. Also 2½-in. and 3-in. stock, $22.50 to $40.00 per 1000. Richard F. Gloede, Evanston, Ill.

Geraniums, good mixture of strong, well rooted 2¼-in. plants. S. A. Nutt, Doyle, Viaud, Dble. Grant, Buchner, Kendall and La France, $2.00 100. The above from soil, equal to 2¼-in., can be shipped light, $1.75. Cash or C. O. D.
Douglas Greenhouse Co., Douglas, Mass.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. It's ready now. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Geraniums, rose, very fine, 2½-in., 3c each.
Mosbæk Greenhouse Co., Onarga, Ill.

50,000 geraniums, 2 and 2¼-in., good stock, best bedding varieties, labeled true to name.
A. Ricard (scarlet), Beaute Poitevine (salmon), Peter Henderson (dazzling scarlet), Comtesse d'Harcourt (best double white), H. L. Hartman (double, deep rose-pink, shaded scarlet, large truss, XX), Marvel (dark red, shaded purple, better than S. A. Nutt), Jean Viaud (best pink), Beauty (large truss, single salmon), John Doyle (bright scarlet), Mme. Buchner (double white), 2¼-in., $2.25 per 100; $22.00 per 1000.
S. A. Nutt (crimson scarlet), Marvel (color described above), Mme. Buchner (double white), Jean Viaud (best pink), 2-in. stock, $2.00 per 100; $19.00 per 1000.
A discount of $1.00 per 1000 will be allowed on all orders stating that soil may be shaken off, as it does not hurt the plants and will reduce the express rates over one-half. Cash.
LOUIS P. FAULK,
R. F. D. 3, Box 48, Allegheny, Pa.

Geraniums. Ricard, Nutt and Buchner, strong, cool grown plants, from 2-in. pots, $2.00 per 100, $18.00 per 1000; stock plants, above varieties, $1.00 per doz., $5.00 per 100.
J. R. Brooks, Oxford Depot, N. Y.

S. A. Nutt, Gen. Grant, Mme. Buchner, Mme. Jaulin, Chas. Gervais, P. Henderson and Rose, $1.25 per 100; mixed, mostly P. Henderson and Gen. Grant, $1.00 per 100.
Chas. Frost, Kenilworth, N. J.

Geraniums, fine stock. S. A. Nutt, 2¼-in., $2.00 per 100; $18.00 per 1000. Mme. Salleroi, 2¼-in., $2.00 per 100. Cash with order.
C. A. Peterson, Madison N. J.

Geraniums. Mme. Landry, Gloire de France, Eugene Sue, Granville and others, rooted cuttings, $13.00 per 1000; 2½-in., $2.00 per 100.
Addems, Morgan & Co., Loda, Ill.

Geraniums, strong 2¼-in. 500 E. G. Hill, 500 La Favorite, 1500 S. A. Nutt, 500 Ricard, 400 De Castellane and 600 mixed, $2.00 per 100.
Arthur Harbison, Harrodsburg, Ky.

Geraniums. Beaute Poitevine, $8.00 per 100; Gen. Grant, Ricard, Nutt, Beauty, etc., $7.00 to name.
Alonzo J. Bryan, Washington, New Jersey.

Bench-grown geraniums, No. 1, four best market varieties, ready for 4 and 4½-in., $3.00 per 100, if taken at once. Anton Cioban, Virden, Ill.

Rooted S. A. Nutt and Buchner geraniums, $10.00 per 1000; Ricard, $12.50. Ready now. Cash with order. C. F. Treichler, Sanborn, N. Y.

Geraniums, ready March 21 and later. Nutt, $10.00 per 1000; Ricard and Poitevine, $12.50 per 1000. Albert M. Herr, Lancaster, Pa.

Good 2¼-in. Nutt and John Doyle geraniums, $2.50 per 100; $20.00 per 1000. Cash. 500 at 1000 rate. Rutledge Nurseries, Rutledge, Pa.

Geraniums. S. A. Nutt and 8 other varieties, 2¼-in. pots, $2.50 per 100; $20.00 per 1000. Cash. Jos. H. Cunningham, Delaware, O.

Geraniums. Ricard, Poitevine, Bruant, De Castellane, La Favorite, Queen of West, 2¼-in., $20.00 per 1000. S. M. Harbison, Danville, Ky.

Mme. Salleroi geraniums, strong, 2-in., $2.50 100. Ivy geraniums, mixed, 3-in., $5.00 100. Cash. J. W. Miller, Shiremanstown, Pa.

Rose geraniums, 2-in. pots, $2.50 per 100. Geranium Salleroi, 2-in. pots, $2.00 per 100.
D. R. Herron, Olean, N. Y.

Nutt, double pink, red and white, strong, well rooted cuttings, mixed, $1.00 100.
Keeney's Greenhouse, Monongahela, Pa.

Geraniums, rooted cuttings and 2 and 3-in., red, white, pink and salmon.
Write Geo. A. Kuhl, Pekin, Ill.

Geraniums, Ricard, Nutt, Poitevine, $12.50 1000. B. E. Wadsworth, Box 224, Danville, Ill.

3000 Mme. Salleroi, 2-in., strong plants, $1.75 100. Cash. E. Glauser, Toledo, Ohio.

Mme. Salleroi geraniums, 2-in., $1.50 100. Cash. Geo. Connors, So. Market St., Galion, O.

GLADIOLI.

Gladiolus Alice Carey, the best white in cultivation, No. 1, $5.00 per 100; $40.00 per 1000. America, No. 1, $4.00 per 100; $30.00 per 1000. Price list free.
E. Y. Teas, Centerville, Ind.

Gladioli. Independence, the best red in the market; also Mrs. Frances King, Giant Pink, Augusta and Groff's hybrids, genuine stock. Write for prices.
Geo. S. Woodruff, Independence, Iowa.

Gladioli. 200,000 fine, healthy bulbs, Augusta, Brenchleyensis, Mme. Lemoine, Shakespeare. Write for our special prices.
George Peters & Sons, Hempstead, N. Y.

Gladioli. Mrs. Frances King, $3.00 per 1000; also other choice sorts cheap. Cash.
P. O. Coblentz, New Madison, Ohio.

Get my special surplus offer of gladioli before buying. Barnes' Gardens, Spencer, Ind.

Augusta, ⅛ to ¼-in., $1.10 1000, prepaid.
C. H. Ketcham, N. S. D., So. Haven, Mich.

Gladioli. Send for list.
W. E. Kirchhoff Co., Pembroke, N. Y.

HARDY PLANTS.

Dianthus (pinks) in variety, field-grown, $4.00 100. Also all hardy plants, the cheapest and best. Send for list. S. J. Galloway, Eaton, Ohio.

Hardy plants. Special prices on field-grown stock to close out. Write if interested.
Mosbæk Greenhouse Co., Onarga, Ill.

HELIOTROPES.

Heliotropes, dark, fine stock. Rooted cuttings, ¾c each; 2-in., 1½c. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Heliotropes, dark, good stock. Strong and well rooted cuttings, 75c per 100; $6.00 per 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, 2¼-in., 2c; rooted cuttings, $1.00 per 100. Extra good stock. Positively cash with order. Aurora Greenhouse Co., Aurora, Ill.

Heliotropes, dark variety. Rooted cuttings, $1.00 per 100; 2½-in., $2.00; 3½-in., $5.00.
Wm. Eschrich & Co., North Milwaukee, Wis.

Heliotropes, dark blue; rooted cuttings, 75c per 100; $6.00 per 1000.
Samuel Whitton, 15 Gray Ave., Utica, N. Y.

Heliotrope rooted cuttings, dark variety, 75c per 100, prepaid. A. W. Higgins, Westfield, Mass.

Dark heliotrope rooted cuttings, 75c per 100.
U. G. Harglerode, Shippensburg, Pa.

Heliotropes, 2½-in. pots, $2.50 per 100.
Fowler Bros., Westfield, Mass.

Heliotropes, rooted cuttings, 2 and 3-in.
Write Geo. A. Kuhl, Pekin, Ill.

HYDRANGEAS.

Hydrangea arborescens grandiflora alba, the true large flowering forcing variety, warranted true. 2¼-in. pots, $3.00 per 100; one year field-grown, strong, 12 to 18 in., $6.00 per 100; $55.00 per 1000. New trade list ready. Write for it today.
Good & Reese Co., Springfield, O.
The Largest Rose Growers in the World.

Hydrangea arborescens grandiflora alba. We have the largest stock of strong, 2-year plants in America. Plants, 2 to 3 ft., $2.50 per doz., $15.00 per 100, $140.00 per 1000; good plants, 15 to 20 inches, $10.00 per 100. Price list.
E. Y. Teas, Centerville, Ind.

Hydrangea arborescens grandiflora alba, grown from stock obtained from the E. G. Hill Co., field-grown, 15 to 20 in., $7.00 per 100, $65.00 per 1000; a smaller size, $5.00 per 100; 2½-in., $3.00 per 100, $25.00 per 1000.
John A. Doyle, Springfield, Ohio.

IRISES.

German iris in variety, named, $3.00 100; mixed, $2.00 100. S. J. Galloway, Eaton, O.

Iris, Japanese, 50 varieties, $3.00 per 100.
Gilbert Costich, Rochester, N. Y.

IVIES.

Ivy, English, pot grown plants, 4-in. pots, 3 ft. long, 3 to 5 branches, $12.00 and $15.00 per 100.
A. L. MILLER,
Jamaica, opp. Schenck Ave., Brooklyn, N. Y.

Ivy, English, rooted cuttings, 1c, $8.00 per 1000; 2½-in., 6c. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Ivy, German and Boston; Impatiens Sultani.
Write Geo. A. Kuhl, Pekin, Ill.

English ivy rooted cuttings, $1.00 per 100.
Wm. Schwan & Son, Fredonia, N. Y.

Parlor ivy rooted cuttings, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

LANTANAS.

Violet King, king of all the lantanas, strong, rooted cuttings, $3.00 per 100; $25.00 per 1000. Sunset, Radiation, Farfadet, Javotte, Seraphine, A. Cook, Francine, labeled, true to name, $2.00 per 100; mixed, $1.50 per 100. All varieties mixed, including Violet King, $18.00 per 1000. The finest varieties for the retail trade.
L. P. Faulk, R. F. D. 3, Box 48, Allegheny, Pa.

Lantanas, lobelias, lemon verbenas.
Write Geo. A. Kuhl, Pekin, Ill.

LILIES.

Lilies. Order them early for Easter, 12½c per bud. Write Geo. A. Kuhl, Pekin, Ill.

LILY OF THE VALLEY.

Valley, one and two-year-old pips for planting. They are the large flowering kind. Per 1000 pips, $2.50; per 10,000 pips, $20.00. Fine stock. Cash or references, please.
W. A. Finger, Hicksville, N. Y.

9 cases of the choicest German valley pips, in 2500 lots, at $45.00 per case of 2500. Pips are now in cold storage in San Francisco. Address Las Palmas Greenhouses, Palo Alto, Cal.

Lily of the valley, Bruns' celebrated Chicago Market Brand, $15.00 1000; $1.75 100.
H. N. Bruns, 3040 Madison St., Chicago.

LOBELIAS.

Lobelia, blue, rooted cuttings, 90c per 100; $7.00 per 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Double lobelias, 2-in., $1.75; rooted cuttings, 75c per 100. Krueger Bros., Toledo, O.

Kathleen Mallard, rooted cuttings, 80c 100, prepaid,; 2-in., 2c. J. L. Schiller, Toledo, Ohio.

Lobelia, blue, from flats, $1.00 per 100. Cash.
F. Sokol, College St., Worcester, Mass.

MOONVINES.

Moonvines, 2-in. pots, strong plants, $2.50 per 100. C. L. Brunson & Co., Paducah, Ky.

Moonvines, mignonette.
Write Geo. A. Kuhl, Pekin, Ill.

MYRTLE.

Myrtle, fine, field-grown plants, $25.00 and $40.00 1000. S. J. Galloway, Eaton, O.

NURSERY STOCK.

TREES, SHRUBS, ROSES, EVERGREENS, PEONIES, HARDY PLANTS.
ELLWANGER & BARRY, ROCHESTER, N. Y.

ORCHIDS.

Orchids. Largest stock in the country. Ask for prices. Julius Roehrs Co., Rutherford, N. J.

PALMS, ETC.

Palms. Extra good values in palms for Easter; stock in perfect condition. Kentia Belmoreana, 6-in. pots, 6 leaves, 20 to 24 in. high, $1.00; 7-in. pots, 6 to 7 leaves, 24 to 26 in. high, $1.50; 7-in. pots, 6 to 7 leaves, 26 to 28 in. high, $2.00; 8-in. pots, 6 to 7 leaves, 32 to 34 in. high, $2.50; 8-in. pots, 6 to 7 leaves, 34 to 38 in. high, $3.50. Kentia Forsteriana, 6-in. pots, 6 leaves, 34 to 36 in. high, $1.50; 7-in. pots, 6 to 7 leaves, 36 to 40 in. high, $2.50; 8-in. pots, 6 to 7 leaves, 40 to 44 in. high, $3.50; 8-in. pots, 6 to 7 leaves, 44 to 48 in. high, $4.50; 10-in. pots, 6 to 7 leaves, 5½ ft. high, $8.00. Made up Kentia Forsteriana, strong, bushy plants, 3 plants to a tub. 7-in. tubs, 40 to 44 in. high, $4.00; 8-in. tubs, 44 to 48 in. high, $5.00; 10-in. tubs, 44 to 48 in. high (heavy), $6.00; 10-in. tubs, 48 to 52 in. high (heavy), $7.00; 10 in. tubs, 50 to 54 in. high (heavy), $8.00. Phoenix Roebelenii, 5-in. pot plants, nicely characterized, $1.00 each; $10.00 per dozen.
Storrs & Harrison Co., Painesville, O.

Palms, especially strong plants, ready for shifting. Kentia Belmoreana, 2½-in. pots, $9.00 per 100; $85.00 per 1000. Areca lutescens, 2½-in. pots, $7.00 per 100; $65.00 per 1000.
Jackson & Perkins Co., Newark, New York.

Palms. Pandanus Veitchii, nice suckers, $4.00 to $8.00 per 100; bench-grown, 15 in. high, $15.00 per 100. Booking orders for 3 and 4-in. pot plants, $10.00 and $20.00 per 100.
J. J. Soar, Little River, Fla.

Palms. Phoenix reclinata, 18 to 20 in. high, 5 to 7 leaves, 12½c each; $12.50 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

Latanias, strong plants, 4-in., 15c; 5-in., 25c; 6-in., 50c.
J. Bader 43 Ravine St., N. S., Pittsburg, Pa.

PANSIES.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality, strong and stocky, $3.00 per 1000; 5000 lots, $2.50 per 1000. I grow my own seed and know what I am selling.
Gustav Pitzonka, Pansy Farm, Bristol, Pa.

Pansies, fall transplanted, $1.25 per 100, $10.00 per 1000; fall sown, 50c per 100, $3.00 per 1000. Extra choice, said by growers to be the largest in the world, 30c per doz., $2.00 per 100. F. A. Baller, Bloomington, Ill.

Pansies. Large transplanted plants of the following: Brilliant Strain, Bugnot, Cassier, Odier and Trimardeau, $3.00 per 1000; 2000 for $5.00. Whitton & Sons, City & Green Sts., Utica, N. Y.

100,000 mixed best giant pansies, transpianted, $2.50, $3.50 per 1000. Cash with order.
H. Hayashi & Co., Alameda, Cal.

Pansies, strong, stocky plants, in bud and bloom, fine for Easter, $2.50 per 100.
Gustave Freytag, Florist, West Orange, N. J.

Pansies. Present lot sold; will have plenty March 1. J. H. Krone, Jr., Ft. Smith, Ark.

Pansies, strong transplanted stock, $5.00 per 1000. Mosbæk Greenhouse Co., Onarga, Ill.

Pansies, giant flowering, $2.50 per 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums, pansies, petunias, pileas.
Write Geo. A. Kuhl, Pekin, Ill.

Pelargoniums. Mme. Vibert, Sandiford's Surprise, Mme. Loyal, Linda, Dorothy, Mrs. Robt Sandiford, Mme. Thibault, strong, 2-in., $6.00 per 100. Cash with order.
F. H. DeWitt & Co., Wooster, O.

Pelargoniums, 3-in., strong, $5.00 100. Cash
J. W. Miller, Shiremanstown, Pa.

PEONIES.

Peony list ready. Write for one today. Standard varieties. Prices right.
Gilbert H. Wild, Sarcoxie, Mo.

Peonies only, by the wholesale. Best 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies, fine assortment. Write for prices.
F. A. Baller, Bloomington, Ill.

Peonies. Let us know your wants.
Wagner Park Conservatories, Sidney, Ohio.

PETUNIAS.

Dreer's double petunias, selected large flowering doubles, finely fringed, mixed colors. Fine double petunia, The Queen, white, mingled with purple, rooted cuttings, $1.00 100; $9.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

FLORISTS' PETUNIAS, the best large double white for design work. Always loaded with blooms size of carnations. Rooted cuttings, $1.00 per 100; 2½-in., $2.00.
S. B. Stern & Co., Montgomery, Ala.

Petunias, our unexcelled double giants, named and labeled. All cuttings sent out are well-rooted and healthy: $1.25 100 prepaid; $10.00 1000. Hopkins & Hopkins, Chepachet, R. I.

Dreer's double petunias, the set of 15 varieties, assorted and labeled, rooted cuttings, $1.50 100, prepaid. Chas. Frost, Kenilworth, N. J.

Double petunia rooted cuttings, selected from Dreer's and other strains, $1.00 per 100.
U. G. Harglerode, Shippensburg, Pa.

Petunias, double, 10 sorts, R. C., 1c; 2-in., 2c. Cash Byer Bros., Chambersburg, Pa.

Giant double petunias, 2½-in., ready for 4-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Dreer's best double petunias, 2½-in. pots, $3.00 per 100. Fowler Bros., Westfield, Mass.

Petunias, double fringed, from 2-in. pots, 2½c.
J. L. Schiller, 929 Prouty Ave., Toledo, O.

PHLOXES.

HARDY PHLOX.

Mrs. Lingard, best early white phlox for cut flowers, can be had by Memorial day, $2.50 per 100; $20.00 per 1000. Phlox, mixed, all colors, from good collection, $1.50 per 100, $10.00 per 1000. All field-grown stock. Cash or reference.
Wm. A. Finger, Hicksville, L. I., N. Y.

POINSETTIAS.

Poinsettias, strong plants, $4.00 per 100; extra plants, $5.00 per 100.
M. D. Reimers, 223 S. 4th, Louisville, Ky.

Poinsettia stumps, $4.00 per 100; small size, $2.00 per 100. Krueger Bros., Toledo, Ohio.

PRIMULAS.

Primula obconica, grandiflora and gigantea, in all colors, flowers as large as Chinese; full of buds and flowers, 3½-in., $5.00 per 100; Chinese, all colors, Forbesi, giant yellow Kewensis, all in flower for Easter, 3-in., $5.00 per 100. J. Sylvester, Florist, Oconto, Wis.

A few Chinese primroses, Duchess, Covent Garden and International, mixed, choice stock, 2½-in., $3.50 per 100; International, 2-in., $2.00 per 100. N. O. Caswell, Delavan, Ill.

2500 Primula obconica grandiflora, 3-in., strong plants, full of bud and bloom, fine stock for Easter, $5.00 per 100. Liberal count for cash. Schaefer's Inc., Newburgh, N. Y.

Primula obconica, 2½-in., $2.00 100. Chinensis, 3-in., $4.00; 4-in., $8.00; 5-in., $15.00 100.
FREEPORT FLORAL CO.,
L. Bauscher, Sec. and Gen. Mgr., Freeport, Ill.

Primroses, obconicas, 4-in., 7c; white and pink, fine plants, full of buds and bloom. Cash.
R. C. Harper, R. 5, Box 2, Muskegon, Mich.

Primula obconica, all colors, 3-in., $3.00 per 100, 200 for $5.00; 4-in., $5.00 per 100.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Primula obconica, mixed, 2-in., 2c; 4-in., in bloom, 8c. Cash. Byer Bros., Chambersburg, Pa.

Primula obconica, 2-in., $1.75; extra strong mixed. J. H. Dann & Son, Westfield, N. Y.

Primroses and obconica, in 3 and 4-in., 7½c and 10c each. Write Geo. A. Kuhl, Pekin, Ill.

Chinese primulas, in bud and bloom, 4-in., 8c; 3-in., 5c. H. B. Snow, Camden, New York.

Primula obconica, in fine bloom, 10c each.
Mosbæk Greenhouse Co., Onarga, Ill.

Primula obconica, 2½-in., $1.50 per 100.
J. C. Schmidt, Bristol, Pa.

PRIVET.

CALIFORNIA PRIVET.

500,000 3-yr. plants, with 12 to 20 branches; have been transplanted once and cut back 2 yrs.; $4.00 per 100, $37.50 per 1000, packed. Will make a good close hedge at once. 500,000 2-yr. plants, 2½ to 3 ft., with 10 to 12 branches, cut back 1 yr., $3.00 per 100, $27.50 per 1000, packed. 1-yr. plants, 12 to 18 in., well branched, $2.00 per 100, $17.50 per 1000, packed. 500 at 1000 rate. Cash with order.
JOHN BENNETT, Atlantic Highlands, N. J.

CALIFORNIA PRIVET.

Strong, selected, 3 to 4 ft., $4.00 per 100, $35.00 per 1000; 2½ to 3½ ft., 6 or more branches, strong, $3.00 per 100, $25.00 per 1000; fine 1-yr., 18 to 24 inches, branched, $1.50 per 100, $10.00 per 1000; 12 to 18 inches, good, $1.25 per 100, $8.00 per 1000; 8 to 15 inches, light, $5.00 per 1000. AMOOR RIVER, 2 to 5 ft., well branched, $3.00 per 100. All packed free of charge.
CHAS. BLACK, HIGHTSTOWN, N. J.

California privet, 12 to 18 in., 2 to 4 bran., $10.00 1000; 18 to 24 in., 3 to 5 bran., $12.50 1000; 24 to 30 in., 5 to 8 bran., $16.00 1000; 30 to 36 in., 6 to 10 bran., $22.50 1000. Amoor River, 12 to 18 in., well bran., $12.50 1000; 18 to 24 in., well bran., $15.00 1000; 24 to 30 in., heavy, $20.00 1000; 30 to 36 in., heavy, $25.00 1000. Packed. Cash with order.
Valdesian Nurseries, Bostic, N. C.

Golden privet, Ligustrum ovalifolium aureum, the most beautiful hardy hedge plant. 1000 field-grown three-year-old, $10.00 per 100; 6000 in 2-in. pots, $5.00 per 100.
Bertermann Bros. Co., Indianapolis, Ind.

California privet, 50,000 20 to 30, 18 to 24 and 15 to 18 in. 5000 Ampelopsis Veitchii, strong field stock, 18 to 24 live tops. Write
Benj. Connell, Merchantville, N. J.

California privet, 2-yr., heavy, 18 to 24 in., $16.00 per 1000; 2½ to 3 ft., $25.00 per 1000; packed. Furrow & Co., Guthrie, Okla.

California privet, 10 to 15 inches, branched, $10.00 per 1000; larger sizes at low rates.
E. Y. Teas, Centerville, Ind.

1500 Amoor privet, 3 to 4 ft., fine, $2.00 100; $18.00 1000. Jesse T. Ellis, Griffin, Ga.

Cal. privet cuttings, 60c to $1.00 1000.
Harry B. Edwards, Little Silver, N. J.

ROOTED CUTTINGS.

Rooted cuttings. Fuchsia, $1.00; Salvia Bonfire, 80c; heliotrope, dark, 75c; coleus, 60c; vinca, 85c, ageratum, 50c; alternantheras, red, yellow, 50c. All per 100. Cash. Shippensburg Floral Co., E. W. Byer, Prop., Shippensburg, Pa.

Rooted cuttings, per 100; Cupheas, 75c; ageratums, 3 kinds, 60c; heliotropes, Feverfew Gem, $1.00. Cash. Byer Bros., Chambersburg, Pa.

ROSES.

The last of Ellis' fine, field-grown roses, 2 years in the field. 50 Mrs. J. Laing, 35 J. Hopper, 26 M. Charta, 16 A. Diesbach, 7 La Reine, 24 Rohan, 25 Rothschild, 12 Mme. Masson, 125 Brunner, 48 M. Dickson, 300 P. Neyron, 70 Prince of Naples, 20 Her Majesty. Above were 4 to 6 ft., have been cut to 18 in., several branches; except P. Naples, dwarf, 12 to 18 in. 55 Triomphe de Pierre, 5 J. B. M. Camm, 45 White La France, 25 Pres. Carnot, 20 Soupert, 7 R. Graveraux, about 18 in., well branched. Climbers: 350 Cl. Testout, 120 Cl. Gainsboro, 85 Cl. Henriette, 50 M. Niel, well branched, 6 to 8 ft., cut back to 4 ft. Well packed, f. o. b. baled or boxed, 10c each or the lot for $100.00; ½ for $50.00. Jesse T. Ellis, Griffin, Ga.

Grafted stock. Killarney, White Killarney, Rhea Reid, Mrs. Jardine, My Maryland, Bride. Maid, Chatenay, etc., $15.00 per 100, $125.00 per 1000.

Own root stock, 2½-in., of all the standard varieties, March delivery. Write for prices.
Chas. H. Totty, Madison, N. J.

GRAFTED ROSES.

White Killarney, Waban strain, $120.00 per 1000; Pink Killarney, Maryland, $100.00 per 1000. From 2½-in. pots, delivery March 15.
Philadelphia Cut Flower Co.,
1517 Sansom St., Philadelphia, Pa.

We need the room, and offer 250 Kaiserin rose plants, 3 years old, on own roots, well rested plants from bench, at $12.00 100. Cash with order.
The Calvert Floral Co., Lake Forest, Ill.

ROSE PLANTS, 2¼-IN.

Bride	$2.25 100;	$20.00 1000
Maid	2.25 100;	20.00 1000
Golden Gate	2.00 100;	20.00 1000

Andrew Peterson, Hoopeston, Ill.

Well rooted 2 and 3-eye cuttings of Bride, Maid and Golden Gate, $1.50 per 100. Good 2-yr.-old bench Beauties, $7.00 per 100.
Gullett & Sons, Lincoln, Ill.

GRAFTED AND OWN ROOT ROSE PLANTS.
SEND FOR PRICES.
W. H. ELLIOTT, BRIGHTON, MASS.

Spring list, 200 sorts ready, bumper crops. Leedle Co., Expert Rose Growers, Springfield, O.

First-class Beauty cuttings, $30.00 per 1000; 2-in. plants, $55.00 per 1000.
L. A. Coles, Kokomo, Ind.

Roses. Baby Rambler, Soupert, Hermosa, 15c, 25c, 50c and 75c each.
Write Geo. A. Kuhl, Pekin, Ill.

RUBBERS.

Rubbers, fine plants, 4-in., 25c; 5-in., 35c; 6-in., 50c.
J. Bader, 43 Ravine St., N. S., Pittsburg, Pa.

Ficus elastica, 20 to 24 in., extra fine, $3.00 per doz. Wagner Park Conservatories, Sidney, O.

SANTOLINAS.

Santolinas, smilax.
Write Geo. A. Kuhl, Pekin, Ill.

SALVIAS.

Salvia Ball of Fire and Bonfire seedlings, strong, transplanted. Orders booked for any quantity, delivery after March 20, $1.00 per 100; $8.00 per 1000. Cash with order.
C. A. Peterson, Madison, N. J.

Salvias, Zurich and Bonfire, 2¼-in., 2c; rooted cuttings, 75c per 100. Extra strong. Positively cash with order.
Aurora Greenhouse Co., Aurora, Ill.

Salvia rooted cuttings, Bonfire and Spotted Beauty, $1.00 per 100, $8.00 per 1000; 2½-in., $2.50 per 100.
Swan Peterson Floral Co., Gibson City, Ill.

Salvias. Zurich and Bonfire rooted cuttings, $1.00 per 100; $7.00 per 1000.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Salvia Bonfire R. C., 80c 100; $7.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

Salvia Zurich, 2-in., $1.75 per 100.
Krueger Bros., Toledo, Ohio.

SEEDS.

FLORISTS' FLOWER SEEDS.

	Pkt., ab't 1000 seeds.	Oz.
ASTER—		
Queen of the Market, white, pink, light blue, mixed	$0.10	$0.60
Carlson's Branching (Invincible), white, lavender, pink, crimson, purple, mixed	.25	1.50
Giant Comet, white, light blue, Bride, deep rose, peach blossom, sulphur yellow, pink, violet, mixed	.20	1.25
Semple's Branching, white, lavender, pink, rose, blue, crimson, purple, shell pink, mixed	.15	1.00
American Beauty	.25	2.00
Snowdrift	.25	1.50
PANSY—		
Currie's International Mixture, ⅛ oz., $1.25	.50	8.00
Giant Florists' Mixture, ⅛ oz., 60c.	.35	4.00
VERBENA—		
Mammoth white, pink, purple, blue, scarlet, yellow, mixed	.20	1.25
STOCKS—		
Largest flowering dwarf double, yellow, rose, white, red, violet, light blue, chamoise, carmine, mixed	.25	2.00
Cut and Come Again, white, mixed.	.25	2.50

Send for 1910 catalogue and trade price list.
CURRIE BROS. CO., MILWAUKEE, WIS.

Aster seed. Famous aster, Lady Roosevelt, gorgeous pink, late branching, stems from 20 to 40 inches, scientifically grown and separated seed, oz., $5.00; half oz., $3.00; trial packet, 50c. Aster seed in mixture, best colors, and ¼ Roosevelt, oz., $1.00. Glen Mawr Seed Farms, Kinzers, Lancaster Co., Pa.

ASPARAGUS PLUMOSUS NANUS SEED.
$4.00 1000; $8.50 1000 in lots of 10,000.
ASPARAGUS SPRENGERI SEED.
$1.00 per 1000.
S. S. Pennock-Meehan Co.,
1608-20 Ludlow St., Philadelphia, Pa.

Seed packets and bags. Catalogue, clasps and commercial envelopes, printed or plain. "If it's a Spangler bag, it's a good one." Estimates furnished.
E. J. Spangler Co., N. Howard St., Phila., Pa.

DELPHINIUM SEED, named sorts, 2-in. flowers, nothing finer in the world, 85c oz.; mixed, 50c oz., $5.25 lb.; common varieties, 25c oz., $1.85 lb.
Perry's Hardy Plant Farm, Enfield, Midx., Eng.

ASTER SEED.

Not wonderful, but fresh, reliable seed of all the finest florists' varieties. Send for list. Lady Roosevelt, $4.00 per oz.
R. E. Huntington, Painesville, Ohio.

Aster seed, an extra fine mixture, $4.00 per lb. For seedsmen and retail florists to present to their customers, there is nothing better.
Altimo Culture Co., Canfield, Ohio.

Seeds. Ten varieties sweet potatoes, grown especially for seed. Big money growing plants. 46th annual price list ready.
Edwin H. Riehl, Sub-Sta. 4, Alton, Ill.

New crop Asparagus Sprengeri seed now ready, $4.00 per lb. T. B. Shepherd Co., Ventura, Cal.

New crop early flowering single chrysanthemum seed and Gold Medal pentstemons at 25c and $1.00 per package.
Chas. H. Totty, Madison, N. J.

A. plumosus seed, from my own plants, $2.00 1000 seed. C. H. Gardiner, 635 Orange Grove Ave., South Pasadena, Cal.

Native tree, shrub and plant seeds collected to order. Send for list, now ready.
L. E. Williams, Lock Box 342, Exeter, N. H.

Seeds. Berberis Thunbergii, 75c lb.; Boston ivy, $1.00 lb.; Rosa rugosa, 75c lb.
F. M. Hadden, 145 Pond St., Providence, R. I.

Aster seed. Semple's, 25c; Hohenzollern, 75c per oz.; Royal Stripe, 25c tr. pkt.
C. A. Musser, Doylestown, O.

SHAMROCKS.

Genuine Irish shamrock, original plant coming from cemetery, Downpatrick, Ireland. 2¼-in., without pots, $4.00 per 100, $35.00 per 1000; with pots, $4.50 per 100, $40.00 per 1000; 250 at 1000 rate. Order early. Terms, cash.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMILAX.

Smilax, out of seed bed, 50c per 100, $4.00 per 1000; 500 at 1000 rate.
Roepke-Rieman Co., Indianapolis, Ind.

Smilax, strong, 1-yr., with nice tubers, 50c per 100; $4.00 per 1000.
F. A. Baller, Bloomington, Ill.

Smilax, strong 2½-in., cut back, $1.50 per 100; $13.00 per 1000. Cash.
Addems, Morgan & Co., Loda, Ill.

Smilax, 2-in., $1.25 per 100.
Loyd C. Bunch, Fredonia, Kan.

SNAPDRAGONS.

Snapdragons, extra good plants, giant white, pink, yellow and scarlet, separate colors, rooted cuttings, 1c, $9.00 per 1000; 2-in., 2c, $18.00 per 1000. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

SPIRÆAS.

Spiraeas, 35c, 50c and 75c each.
Write Geo. A. Kuhl, Pekin, Ill.

STEVIAS.

Well rooted stevia cuttings, $1.00 per 100. Cash. E. T. Wanzer, Wheaton, Ill.

SWAINSONAS.

Swainsona alba rooted cuttings, $1.00 per 100. Cash. Byer Bros, Chambersburg, Pa.

THYME.

Thymus citriodorus aureus, golden-leaved lemon-scented thyme, 80c doz., $4.00 100.
Wild Plant Improvement Gardens, Santa Ana, Cal.

TRADESCANTIAS.

Wandering Jew rooted cuttings, 60c.
W. E. Trimble Greenhouse Co., Princeton, Ill.

TRITOMAS.

Tritoma Pfitzerii, red hot poker plant, $6.00 per 100; $50.00 per 1000.
Thomas J. Oberlin, Sinking Spring, Pa.

Tritoma Pfitzerii, red hot poker plant, 5c.
Mosbæk Greenhouse Co., Onarga, Ill.

VEGETABLE PLANTS.

Vegetable plants. Asparagus roots, Conover's Colossal and Palmetto, very fine, $1.00 per 100; $4.00 per 1000. Grand Rapids lettuce, from seed bed, $1.00 per 1000; transplanted plants, $3.00 per 1000. Comet tomatoes, 2½-in. pots, $2.00 per 100. Cash.
W. E. Trimble Greenhouse Co., Princeton, Ill.

50,000 extra strong 2 and 3-yr. asparagus roots, mostly Palmetto, 2-yr., extra heavy, $1.00 per 100, $4.00 per 1000; 3-yr., very fine, $1.25 per 100, $5.00 per 1000, packed free. Guaranteed to please. Ready now.
Chas. Black, Hightstown, N. J.

Fine, stocky, cool grown, transplanted Grand Rapids lettuce plants, 25c per 100; $2.25 per 1000. Stuhldreher Bros., Mansfield, Ohio.

Transplanted G. R. lettuce plants, $2.00 per 1000; from seed bed, $1.00 per 1000.
Elvira Clark, Chelsea, Mich.

Comet tomato plants for forcing, transplanted in flats, $1.50 per 100. Cash.
Lexington Ave. Greenhouses, E. Lansdowne, Pa.

Grand Rapids lettuce plants, large, transplanted plants, $2.00 per 1000.
Whitton & Sons, City & Green Sts., Utica, N. Y.

Comet tomato plants, 2½-in., $2.00 100. Cash.
Stephen Chase, Nashua, N. H.

Comet tomato seed for forcing, 50c oz.
H. M. Sanderson, 111 Lincoln St., Waltham, Mass.

Cabbage, Wakefield, $1.25 per 1000.
B. E. Wadsworth, Box 224, Danville, Ill.

VERBENAS.

Verbena rooted cuttings, mixed, 60c per 100.
U. G. Harglerode, Shippensburg, Pa.

VERONICAS.

Veronica subsessilis, blue-jay flower, field-grown, $4.00 100; 3-in. pots, $3.00 100.
S. J. Galloway, Eaton, Ohio.

VINCAS.

Vinca rooted cuttings, 90c per 100, $7.50 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. The 2½-in. are divisions of field clumps, and are strong and vigorous plants. 3-in., $3.50 per 100, $30.00 per 1000; 4-in., $5.00 per 100, $45.00 per 1000. Cash, please. Also see advs. under asparagus and ferns.
Reeser & Youngstrand, Springfield, Ohio.

Vinca var., Sept. field rooted tips, strong plants, most of which have two or more leads, and can be grown into stock for this spring's sales, $1.25 per 100, $10.00 per 1000; from 2½-in. rose pots, 2c; 3-in. standard, 4c.
W. J. Engle, R. R. 8, Dayton, O.

Vinca minor, the hardy vinca for cemetery planting and under trees where grass will not grow. Well rooted layers, $1.50 per 100; $10.00 per 1000. E. Y. Teas, Centerville, Ind.

Vinca variegata, good, strong, 2-in., ready to shift, will make big 3-in. stock by May 15, $2.00 per 100; $18.00 per 1000. Cash.
Fred C. Greene, 610 Innis St., Oil City, Pa.

Field-grown vincas, large plants, for 5 and 6-in. pots, $6.00 per 100. Nothing finer at any price. Cash, please.
Ragan Bros., R. F. D. 3, Springfield, O.

Vinca variegata, well rooted two-eye cuttings. 90c per 100; $8.00 per 1000, prepaid.
G. E. Fink, Roselle, N. J.

Vinca variegata, from 3-in. pots, ready now. $4.00 per 100. Cash.
C. F. Mahan, R. D. No. 8, Dayton, Ohio.

Vinca variegata, strong rooted cuttings, 90c per 100, prepaid.
Fred H. Lemon & Co., Richmond, Ind.

Vinca variegata, R. C., 90c; $8.00 per 1000. Cash. Byer Bros., Chambersburg, Pa.

Vinca var., 2-in. pots, $2.00 per 100. Cash.
Jos. H. Cunningham, Delaware, O.

2000 Vinca var., two kinds, 2-in., 2c.
Kate Cranz., Ira, Ohio.

Vinca variegata, 2¼-in., 2½c.
Mosbæk Greenhouse Co., Onarga, Ill.

Vincas, verbenas.
Write Geo. A. Kuhl, Pekin, Ill.

VIOLETS.

Violets. Rooted plants of Lady Campbell and Princess of Wales, $1.00 per 100; $9.00 per 1000. Swanley White, $1.20 per 100; $10.00 per 1000. If by mail, add 7c per 100 for postage. A. B. Campbell, Cochranville, Pa.

Marie Louise violet blooms, A No. 1 quality, $1.00 per 100; $7.50 per 1000. Cash with order, please. C. Lawritzen, Box 261, Rhinebeck, N. Y.

Violets. Princess of Wales, strong, healthy, sand rooted cuttings, 75c per 100; $6.00 per 1000. Andrew Peterson, Hoopeston, Ill.

MISCELLANEOUS.

Asparagus Sprengeri, 2c; Marguerite daisies, white, 2c; feverfew, 2c; Stella Gurney ageratums, 2c; McNally achyranthes, 2c; Sallerol, 2c; Asparagus plumosus nanus, 3c; pelargoniums, 8 varieties, 4c; German ivy, 2c. Fine stock, all 2¼-in. Fine shipping point.
Hammerschmidt & Clark, Medina, O.

I have for sale about 300 seedling cyclamen, fine plants, also unrooted cuttings of Enchantress, Rose-pink Enchantress, White Enchantress and Boston Market.
Nelson L. Saylor, Naperville, Ill.

Write for our list of miscellaneous stock.
Geo. A. Kuhl, Pekin, Ill.

TO EXCHANGE

To Exchange—3 and 4-in. latania or phoenix palms, 4-in. plumosus, 2-in. Sprengeri, 5-in. araucaria (4 to 5 tiers), 3-in. Chinese and obconica primroses, in full bloom, for any of the following: Stock plants of poinsettias, 2-in. Nutt geraniums, rooted cuttings of double petunias, 5-in. Dracaena indivisa, etc. Write, quoting your stock with best prices.
D. U. Augspurger & Sons Co.,
Box 394, Peoria, Ill.

To Exchange—Asparagus Sprengeri, 2, 3, and 4-in. pots, $2.00, $5.00 and $10.00 per 100; Begonia incarnata, 3, 4, and 5-in. pots, $6.00, $10.00 and $20.00 per 100, for rooted cuttings of Beacon, Victory, Rose-pink or White Enchantress. Nixon H. Gano, Martinsville, Ind.

To Exchange—Ferns, all the newest varieties, sizes from 2 to 10-in., will exchange for rooted cuttings of salvias, geraniums, double petunias, coleus or anything I can use. First-class stock and low prices. S. J. Hider, Hillsboro, Ohio.

To Exchange—1000 Yellow Bonnaffon and 1000 Glory Pink chrysanthemum rooted cuttings, and 1000 2¼-in. Mme. Sallerol, for rooted cuttings of carnations, salvias or geraniums. Write us.
Star Greenhouse, Big Rapids, Mich.

To Exchange—Yellow Jersey seed sweet potatoes for named gladioli, dahlias, Shasta daisies, Delphinium formosum, violets, Cochet, Killarney, F. K. Druschki roses, etc. Send list.
Edwin H. Riehl, Sub-Sta. 4, Alton, Ill.

To Exchange—A No. 1 rooted cuttings of Beacon, Rose-pink Enchantress, White Perfection, Enchantress and Winsor carnations for geraniums and newer varieties of mums.
Warwick Greenhouses, Warwick Neck, R. I.

To Exchange—Rooted mum cuttings, B. May, Dr. Enguehard and Col. Appleton, $1.00 per 100, for rooted cuttings, bedding stock, or anything I can use.
H. A. Erckert, 441 Bird Ave., Buffalo, N. Y.

To Exchange—Or will sell 300 mixed geraniums, out of 3½-in., 6½c, for rooted cuttings of White Enchantress and Beacon carnations.
Edgar Easterday, Nokomis, Ill.

To Exchange—2 and 3-in. Piersoni ferns, and Vinca variegata rooted cuttings, for geraniums or other stock I can use.
J. F. Sked, Florist, Westerville, O.

To Exchange—Easter lilies, 7 to 9, 6 to 8 in. high, for 5 and 6-in. Scotti ferns, 4 and 5-in. vincas. Leonard J. Smith, Merchantville, N. J.

To Exchange—What have you to exchange for Shasta daisies, field-grown divisions, at $15.00 per 1000. Hyde Park Floral Co., Austin, Tex.

To Exchange—2-in. smilax for rooted cuttings of Enchantress, White or Lawson-Enchantress carnations. Loyd C. Bunch, Fredonia, Kan.

To Exchange—Dahlias for standard gladioli.
W. K. Fletcher, R. 5, Des Moines, Ia.

WANTED.

Wanted—Contracts to grow potted plants of tomato, egg plant and peppers, the same transplanted or from seed beds; also verbenas, salvas, double petunias and coleus. Write for prices; stock guaranteed.
G. E. Fink, Roselle, N. J.

Wanted—Carnations, strong, rooted cuttings. I need 5000 as follows: White Enchantress, Rose-pink Enchantress, Enchantress, Beacon, Perfection. Quote me best prices on any or all of them. J. W. Goree, Paris, Tex.

Wanted—Extra large English ivy, 5 to 6 ft. long, in good condition. Please answer, stating price and how many you can supply.
Edwards Floral Hall Co.,
Atlantic City, New Jersey.

BUSINESS BRINGERS—
Review
Classified Advs.

CARNATION STAPLES.

Pillsbury's carnation staples, 50c per 1000. Postpaid. I. L. Pillsbury, Galesburg, Ill.

CUT FLOWER BOXES.

All sizes of cut flower and floral design boxes. Write for our box catalogues.
C. C. Pollworth Co., Milwaukee, Wis.

Folding cut flower boxes, the best made. Write for list. Holton & Hunkel Co., Milwaukee, Wis.

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Paper pots, 5,000 3-in., $5.00; 4-in., $7.50. Shipped flat; low freight rates.
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I make a specialty of photographing flowers, plants, etc., for reproduction. Let me submit samples and prices on material for the next catalogue or circular. Special work to order at reasonable prices. Nathan R. Graves, 414 Hayward Bldg., Rochester, N. Y.

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Standard Flower Pots. If your greenhouses are within 50 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
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1000 envelopes ... 1.60 1000 tags 1.25
1000 labels ..... 1.25 1000 cards 1.25
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Special florists' printing, modern styles, lowest prices. Samples for stamp. Prompt service. O. K. Fink, Pottstown, Pa.

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Raffia (colored), 20 beautiful shades. Samples free. R. H. Comey Co., Camden, N. J., or 810-824 Washburne Ave., Chicago.

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Sphagnum moss, best quality, 80c per bale; 10 bales, $7.00. Cash with order.
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Ten bales sphagnum, $7.00.
Z. K. Jewett Co., Sparta, Wis.

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Wm. Schlatter & Son, Springfield, Mass.

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TOBACCO DUST and STEMS. Dust in bags, 100 lbs., $3.00; stems in bales, 350 to 400 lbs., $2.50. Cash with order. Money back if you say so. Samuel R. Levy, Binghamton, N. Y.

Fresh tobacco stems, in bales, 200 lbs., $1.50; 500 lbs., $3.50; 1000 lbs., $6.50; ton, $12.00.
Scharff Bros., Van Wert, Ohio.

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Wm. H. Woerner, Wire Worker of the West. Manufacturer of florists' designs only. Second to none. Illustrated catalogues.
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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50 per cent less than manufacturing cost. Our specialty—100 assorted designs, $10.00.
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Florists' wire designs and hanging baskets.
Wyandotte Wire Works Co.,
406 Ann Ave., Kansas City, Kan.

Headquarters for wire work. Send for list.
F. W. Ball, 31 E. 3rd St., Cincinnati, O.

William E. Hielscher's Wire Works.
38 and 40 Broadway, Detroit, Mich.

Illustrated book, 250 designs free.
C. C. Pollworth Mfg. Co., Milwaukee, Wis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

Concord Junction, Mass.—Leonard Cousins, Jr., has given the King Construction Co. an order for an iron frame house, 50x233.

Garrett, Ind.—As the result of an explosion of the boilers at the Brinkman greenhouses, which occurred February 11, Harry Brinkman is suffering from a fracture of the right leg and a dislocation of the left knee-cap, besides many cuts and bruises, occasioned by the flying fragments of glass. At last report he was lying at the Sacred Heart hospital in a critical condition.

EVANSVILLE, IND.

The Market.

Business is good, even though the weather has been unfavorable for some time. Last week we not only had the coldest weather of the season, but we had about fourteen inches of snow at the same time; it was the most severe storm in years. Carnations are about equal to the demand and bring 2 to 3 cents. Sweet peas are quite plentiful, also Romans. Roses have been scarce and bring 4 to 5 cents for shorts, up to 10 cents for the better stock. The demand for roses is greater than the supply.

Various Notes.

Julius Niednagel & Sons have been kept busy right along. They look for a busy Easter. A small blaze at their residence a few days ago caused quite a little excitement for a time, but no serious damage resulted. Had the wind been in a different direction there would have been a serious fire.

Wm. Blackman Floral Co. has put in a new ice-box at the store. It is a beauty and is quite large.

Ben Kramer says business is fine. He has been using lots of sweet peas and makes some handsome designs. He has been a little under the weather, but stays at the store right along.

Austin Wallace has been cutting great quantities of good sweet peas and sells them all. His lettuce is fine, too.

J. C. Elsperman's health is not so good this winter. His business has been excellent.

Nellie Goodge is back at work again.

Carl Zeidler reports a good trade.

Henry Seymour always gets his share of the trade and has no kick coming.

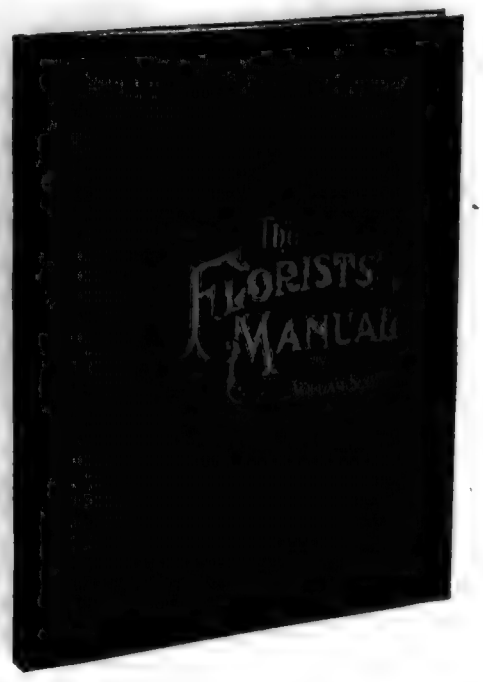
Louis Fritsch says his carnations are doing fine. Business at his west side store has been variable, according to the weather.

Royston & Fenton are off crop with roses and do not have near enough for the demand. Mr. Royston had an attack of the grip, which kept him in for a week. His wife was down with it, also. E. L. F.

WEST CAMBRIDGE, MASS.—John R. McKenzie, who has been suffering all winter with a disabled foot, has now almost recovered and is attending to business as formerly.

LAFAYETTE, IND.—F. Dorner & Sons Co. says that the call for cuttings of Pink Delight is extremely heavy, but that there is one good feature of the variety that has not yet been commented on: the variety makes a quick, well-shaped growth and April cuttings of it will give as good results as one is accustomed to get from February or March cuttings of other sorts.

BISMARCK, N. D.—R. D. Hoskins, of the Hoskins Floral Co., who built a substantial and finely equipped greenhouse last summer at the corner of Third street and Avenue E, has been so encouraged by the increase in his business that he has decided to erect two more houses. The glass has already been ordered and the work of construction will begin as early as possible in the spring. The boiler has sufficient capacity for the heating of this additional space. Karl Melby is in charge of the present greenhouse. Carnations and a general stock are grown. The firm also has a store in the Tribune block.



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6 to 8 ft., $7.00 per 1000

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TIME IS MONEY Save ¼ the time greening your designs by using **Florists' Greening Pins.** 20c per lb., and you get from 1000 to 1100 to the lb. Ten lbs. or over, 15c per lb. Write for prices on larger quantities.

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Greenhouse Heating.

Be prepared for a coal shortage after April 1. There may be no closing of the mines because of labor troubles, but the coal operators predict a shut-down.

A STORE AND GREENHOUSE.

Will you please inform me how many 2-inch pipes, for water heating, will be needed in my store and greenhouse, of which I enclose a diagram? I should like to run the pipes on both sides. I am using one 3-inch pipe for a main. I wish to maintain a temperature of 60 degrees in zero weather. The buildings run east and west. I am located in eastern Missouri. M. H.

The sketch shows the store to be really a conservatory, with a vertical glass wall eight feet high on three sides, the other wall being the brick wall of the adjacent dwelling. This house is 20x25 feet. The other greenhouse joins this at one corner. It is 15x40 feet, with a glass wall three and one-half feet high all around. The boiler is located in the cellar of the dwelling, near the northeast corner of the conservatory, while the greenhouse joins the conservatory at the southeast corner. The conservatory has a door at the west end, and there is a door at the east end of the greenhouse, in addition to the one which leads into the conservatory.

A 3-inch main will answer for both rooms. From this two 2½-inch flows should be taken off in the conservatory and carried on the walls around to the front door, where each should be joined to a return coil of eight 2-inch pipes. Two 2½-inch flows should also be carried into the greenhouse and run on the walls around to the door, or they can be carried on the purlins. Each of these flows should be connected with a coil of six 2-inch returns. The returns from the greenhouse and from the coil on the south side of the conservatory should pass along the east wall of the conservatory, where they will supply the needed heat.

WARM AIR FOR VENTILATION.

We intend putting up another house, 20x75 feet, and should like to get your opinion regarding my idea of ventilating. Our boiler has 1,200 feet of radiating surface, the top being two feet six inches below the level of the floors. It has a 14-inch steel stack. Do you think we would save any fuel if we were to carry

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out the following plan? We would insert a 6-inch steel pipe in the center of the stack, close to the boiler, run it up about three feet and connect it with two elbows, one leading in at the bottom with a cold air shaft from outside the house, while the upper one would be connected with pipes such as are used for hot air furnaces and these would be run under the trays in addition to the hot water pipes. Then, instead of having ventilators such as are now used, we would have a perfectly tight roof, with about five 12-inch pipe ventilators on the ridge, each having a damper, with a swivel on top and a weather vane on each, so as to turn the mouth from the wind.

It appears to me that this would give a circulation of pure, warm air all the time, and would also use the waste heat, without chilling the water in the boiler.

A. W. F. & S.

If an attempt is made to carry out the plan proposed, it will most likely result in a far greater failure than with most hot-air heating, which is really what this amounts to, although of course it is also designed for ventilating purposes. It will be difficult to secure any circulation at all, especially against the wind, and taking it all in all it will be found a poor substitute for ventilating sash. If a good circulation could be secured, the ridge ventilators described might answer fairly well, but even then it would generally be better to take in a small amount of fresh air directly from outside, rather than attempt to pass it through the smoke flue.

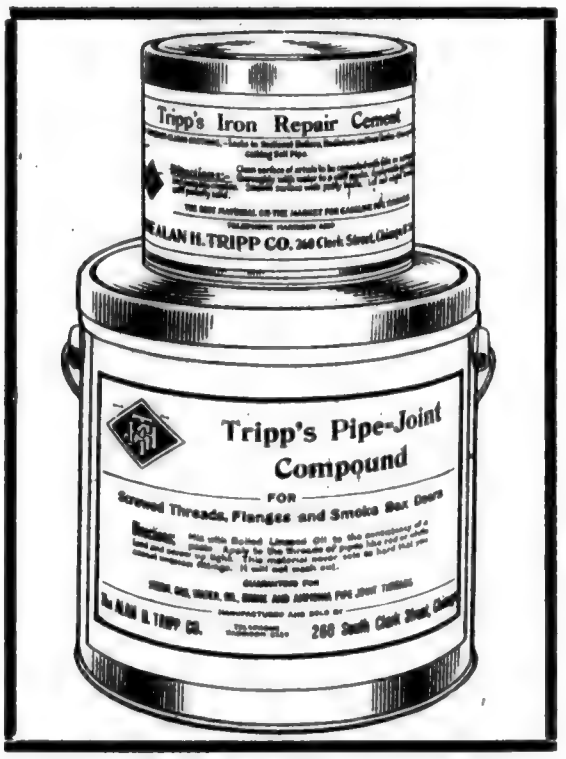
VAPOR ON SHED WALLS.

Last summer I built a shed, 10x60 feet, at the end of my greenhouses. The shed is covered with tar paper or felt. There is a glass partition between the shed and the greenhouses. I am located in West Virginia, and use gas for fuel, heating with steam. The boiler is in a pit at the end of the shed. The pit is eight feet deep and has an asbestos board floor over it. No fumes escape. There is a 3-inch flow and a 2-inch return at the high side of the shed, which is a lean-to.

Now, my trouble is this: Starting about three feet from the flow pipe, and on down the roof and sides, the boards sweat to such an extent that they are all warped and bulged and out of place. This is worse in a time of severe cold than in moderate weather. I think it is caused by the gas. I thought of running a steam pipe on the lower side of the shed, where the wall is four feet high from the foundation. I have a neighbor, a florist, who uses gas for fuel and has a hot water heating system. Though he has a shed with a tin roof, he has none of the trouble which I have been describing. My shed is comfortably warm and there are no leaks in the heating pipes.

F. C. S.

From the statement made, there is no reason for looking for any other cause than because the air is heavily charged with moisture and, coming in contact with the cold boards, is condensed. The fact that gas is used for fuel has nothing



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AND SAVE MONEY
Write for our **Guarantee and Best Prices**
TAYLOR STEAM TRAP CO.
BATTLE CREEK, MICH., U. S. A.

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to do with causing the condensation of watery vapor. The very fact that the air is quite warm in the room naturally increases its water-holding capacity and tends to increase the trouble from condensation. Merely providing for a change of air in the room, by means of a ventilator in the roof or by windows in opposite ends of the shed, will largely prevent the trouble.

PROVIDENCE.

The Market.

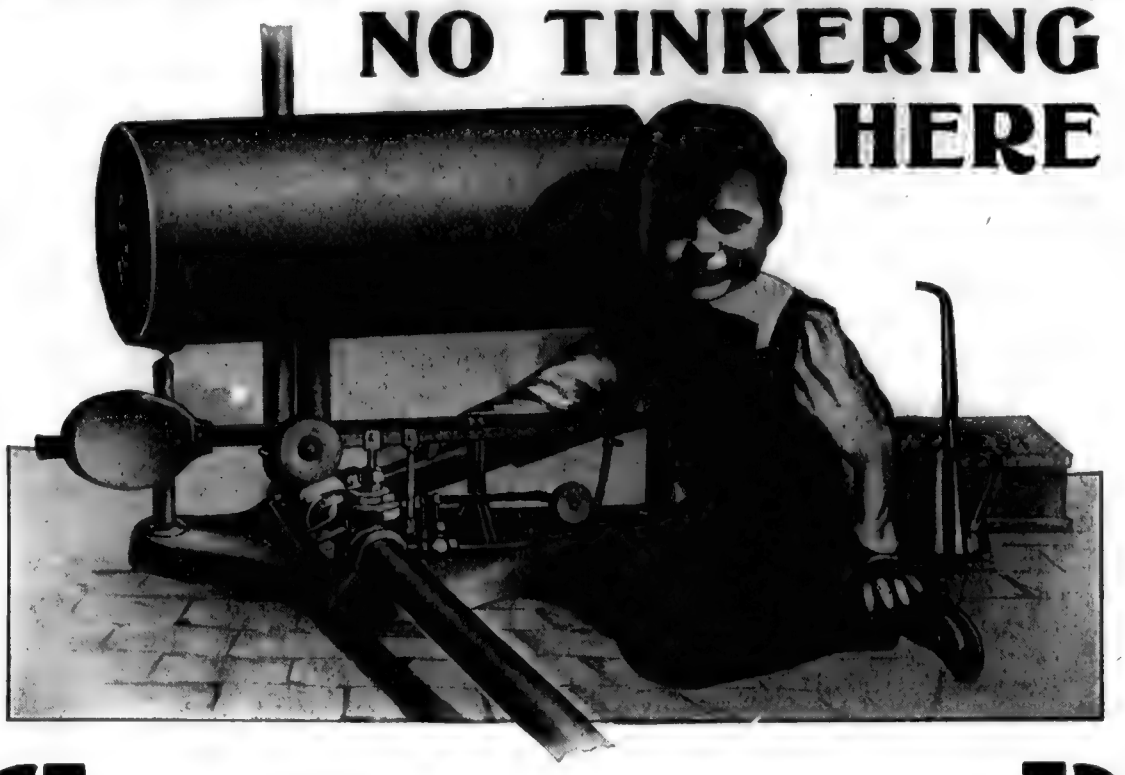
Business, which showed the results of the commencement of Lent, picked up last week in an astonishing manner and everyone was busy. There were few public or social functions, yet the demand for cut flowers of all kinds was far in excess of the preceding week. Funeral work holds good. Bulb stock has shown a vast improvement during the week, and carnations, roses and violets are plentiful. The violets are becoming almost a glut on the market, so much so that the annual cutting by department stores and druggists has set in. Saturday the price with the cutters was 15 cents for bunches of twenty-five, both single and double. The florists maintain an even price of 25 to 35 cents for bunches of twenty-five.

Horticultural Society.

The annual banquet of the Rhode Island Horticultural Society was held on the evening of February 16, in the parlors of the Mathewson Street Auditorium, at which more than 150 were in attendance. In the gathering were guests from leading horticultural organizations in near-by cities, including a delegation of eight, headed by President James Robertson, from the Newport Horticultural Society. One of the pleasing events of the evening was the attendance of the secretary, Charles W. Smith, for the first time since about Thanksgiving.

At the business meeting that was held previous to the banquet, six members were elected. Joseph E. C. Farnham, one of the park commissioners of Providence, officiated as toastmaster, being introduced by the president, E. H. Burlingame. Mr. Farnham's ready wit and stream of humorous anecdotes kept the gathering in excellent humor. The

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Morehead **STEAM TRAPS**

A Morehead Steam Trap is the standard remedy for condensation and steam trap troubles. Just pipe a Morehead Steam Trap in your greenhouse returns—Results: You can sleep in peace; save on fuel and water; grow better stock; have the reputation of being the most successful, up-to-date and satisfied florist in your community.

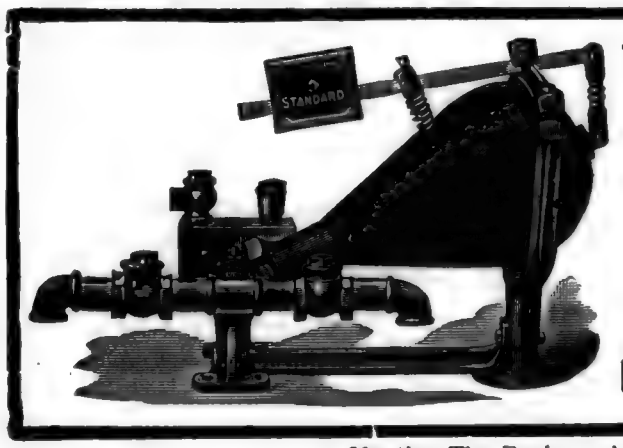
The very simplicity and efficient design of the Morehead recommends it to the florist—requires practically no attention.

Ask for trial proposition and "Florists' Trap Book."

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"DETROIT" RETURN TRAPS
in the Steam-Heated Greenhouse
BETTER THAN A REBATE IN THE COAL BILL.
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The Standard Steam Trap

Is acknowledged the best for the florist, because it is durable and does its work without trouble and annoyance, saving its cost by the economy in coal bills.

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Hot Water Boilers
— Are —
The Most Economical Boiler for Greenhouses :: ::
No night fireman required with our Self-feeding Hot Water Boilers.
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speakers included Prof. Herbert E. Walter, of Brown University, who spoke briefly on "Birds as Insect Destroyers;" Secretary William P. Rich, of the Massachusetts Horticultural Society; President Howard Edwards, of the Rhode Island State College; President James Robertson, of the Newport Horticultural Society; President Greenwood, of the Worcester County Horticultural Society, and others.

The committee in charge of the banquet, which was one of the most successful ever held by the society, was composed of Prof. A. E. Stene, Thomas Hope and J. Franklin Collins. On the tables were pyramids of Rhode Island greening apples, contributed by T. K. Windsor, and large bouquets of carnations. A jardiniere of cattleyas graced the speakers' table.

Various Notes.

Leonard L. Potter has been drawn by the Warwick town council for petit jury duty at the March term of the Superior Court.

Alex. MacLellan, Andrew Dunward and Andrew Merkle, of Newport, were recent visitors in Boston.

Stewart Ritchie is building another large greenhouse on his property on Green End avenue, Middletown, where he already has a large range of houses.

The annual spring batch of seed from Washington has been arriving in this vicinity daily, and the distribution has begun. While a large majority of the packages contain garden seeds, there is a sprinkling of flower seeds.

James Hockey, past president of the Florists' and Gardeners' Club of Rhode Island, is just recovering from an attack of grip, which confined him to his house for nearly a fortnight.

A reception was tendered Miss Anna Conley on the evening of February 15, at the home of her mother, 60 Peace street, in honor of the seventeenth anniversary of her birth. Miss Conley is going abroad in a few weeks to finish her musical education.

Andrew Johnson, gardener for Mrs. David King, of Newport, is seriously ill with pneumonia.

The J. A. Budlong & Son Co., of Auburn, is sending large shipments of My Maryland to Boston daily. They are of fine grade.

E. Carl has nearly 600 handsome azalea plants ready for market. They are just coming on and will be in stock till Easter.

John F. Wood handled between 18,000 and 20,000 violets February 19.

The display windows of Macnair and Johnson Bros. have been among the most attractive in the city for several weeks.

O. H. Williams has received contracts to provide cut flowers and potted plants for several churches of the city until after Easter.

While handling some heavy piping in one of his houses last week, Charles H. Hunt had a finger of his right hand so badly jammed that it was feared at first that amputation would be necessary.

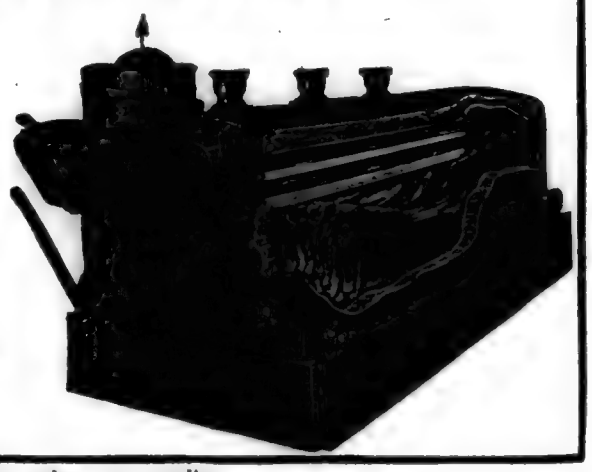
W. Scott Sisson is seriously ill at his home on Bliss road, Newport.

Charles Johnston is suffering from a severe attack of rheumatism in his feet.

William F. Smith, sergeant at arms of the Newport Horticultural Society, dislocated his right arm at the shoulder a few days ago. W. H. M.



THE FREEZE-OUT THAT BANKRUPTS THE FLORIST
will be avoided by those who have our
STANDARD THERMOSTAT
STYLE 1
Diameter, 6 in. Price, $5.00 each
It rings a bell by the sleeper's bed whenever the houses get too hot or too cold. Saves sleep, worry and fuel.
Menasha, Wis., Jan. 9, 1909.
The Parker Mfg. Co.,
Boston, Mass.
Gentlemen: Thermostat continues to work to entire satisfaction and has earned its cost the first month by saving $5.00 worth of fuel.
Yours very truly,
Jos. B. Froehlich.
Standard Thermometer Co.
(Successors to Parker Mfg. Co.)
65 Shirley St., BOSTON, MASS.
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THE KROESCHELL BOILER NOT CAST IRON
HAS
WATER FRONT SIDES TOP BACK
New Catalogue and prices on application.
Kroeschell Bros. Co.
444 Erie St., Chicago

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NATICK, MASS.

Robert Montgomery is still growing a house of Bride and Bridesmaid, but he finds they do not sell in competition with Killarney and they will be dropped another season. Killarney and White Killarney are grown in quantity and look first-class. The white seems even more vigorous than the pink. Richmond is grown and is well liked. My Maryland is not considered a desirable winter rose, producing little in midwinter unless grown very warm. All roses grown here are grafted. Those now in their third year, which were replanted, are doing extremely well. As a side feature, and a recreative one, Mr. Montgomery has an aviary containing a fine selection of gold, silver and English pheasants, as well as other feathered fowl. James Wheeler's new commercial establishment will almost adjoin Mr. Montgomery's.

Everything at the Waban Rose Con-

Leaks Ruin Stock
Don't Have Them
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are made of malleable iron and are guaranteed to make QUICK, SURE REPAIRS of all splits or rust holes on pipe.

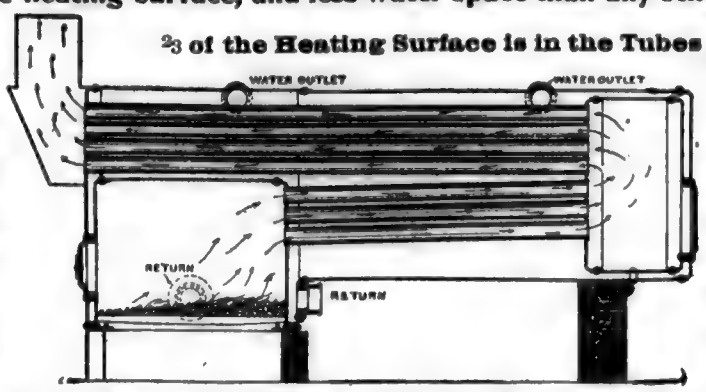
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contains more heating surface, and less water space than any other steel boiler

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Ask the man that knows, the one using different style boilers—names are yours, for the asking.

After using our boiler one season, you will say like all others: "Nothing but 'Superior' for me."

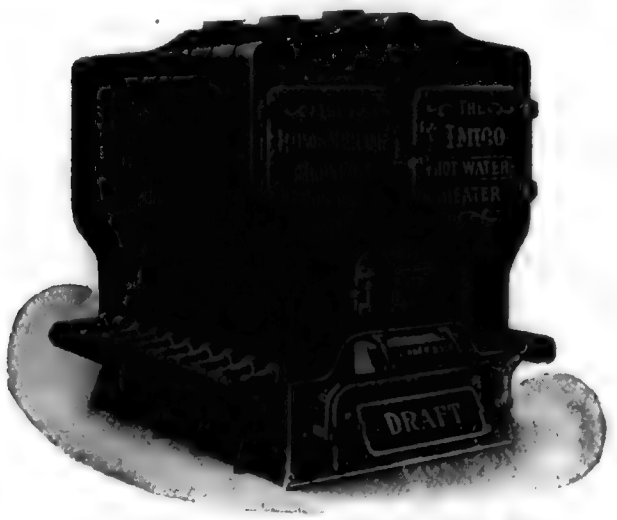
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Send for catalogue and list of growers that are using this boiler

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servatories, under the master hand of Alexander Montgomery, is always in such excellent condition that a mere descriptive paragraph conveys but a faint idea of its general vigor. Suffice it to say that we have never seen the numerous rose houses here carrying plants in more perfect health. Killarney and White Killarney, Waban variety, are more largely grown than any other variety, there being 50,000 plants of the two combined. A block 40x650 in the largest house, which is 40x950, is a magnificent sight—a veritable sea of buds. From 3,000 plants in part of this particular house 65,000 flowers were cut up to December 1 last. American Beauties are not grown so largely as in years gone by. A space of 40x300 is, however, still devoted to them. At the time of our visit these were making tremendous growth, but flowers were rather scarce. Richmond is largely grown and, as a scarlet rose, is well liked. Some Bride and Bridesmaid are still grown, but this will be the last year for these good old standbys. Some My Maryland is grown. It carried some nicely colored flowers, but does not produce like Killarney in winter. As a summer rose, however, Mr. Montgomery thinks it will prove valuable. Of Killarney some strong plants, carrying shoots up to fifteen feet long of the climbing pink variety, were noted. A climbing white has also appeared. In each Killarney house the white variety seemed somewhat more vigorous than the pink one and the flowers were more full. Some of the original wooden houses, erected in 1870, are planted with Asparagus plumosus and Sprengeri, others with roses.

John Barr is a well known grower of both plants and cut flowers, selling his produce at Park Street Market No. 2. Three large houses are devoted to carnations. These were all carrying tremendous crops of high grade flowers. The principal varieties grown are Queen, very fine here, almost equal to White Perfection; White Lawson, White Perfection, Winona, a great producer; Fenn, Lawson, hard to beat as grown here; Winsor, of which we noted a pure white sport, and Bay State. There are also considerable batches of some good seedlings of Mr. Barr's raising. One, a variegated, is extra good and in strong demand at the stores. There were also good crimson, light pink and cerise seedlings. A large block of Pink Delight was headed back for cuttings. It will be heavily grown next season, being highly thought of. Cyclamens are a special feature here. Several thousands were grown in 5-inch pots—splendid, sturdy plants, which there is no trouble in disposing of. A good batch of these are being grown cool for Easter trade. Hydrangeas are the only other plants grown. Some thousands of these will be bloomed for Memorial day, varying from plants in 4½-inch pots to plants in 8-inch pots; better stock it would be hard to find. Everything here is kept in immaculate condition and it is a delight to visit such a place. W. N. CRAIG.

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YONKERS, N. Y.

An interesting meeting of the new organization, the Yonkers Horticultural Society, was held Wednesday evening, February 16. President Bennet was in the chair and all the other officers were present. Several new members were admitted.

As a prize had been offered at the last meeting by Peter Macdonald, for the best collection of one dozen carnations of any variety, a large number of fine carnations were shown. The judges appointed by the president were Mr. Nichol, A. Macdonald and W. Wright, who awarded the prizes as follows: First, W. H. Waite; second, J. Goff; honorable mention, R. Cummings and Mr. Cochrane. H. Scott also received honorable mention for a fine exhibit of calla blooms.

It was decided that the society would hold a dinner at Park Hill inn on the evening of March 10, for the members and their friends.

President Bennet read an able paper on "American Beauty Roses," after which he invited a general discussion by the members, several of whom took part, among them being Mr. Waite, Mr. Nichol, Mr. Mooney and Mr. Lahm.

The next meeting will be held on Wednesday evening, March 2, when it is expected there will be a fine exhibit of roses, as President Bennet has offered a prize for the best collection of one dozen of any variety.

Secretary Waite will read a paper on "Gardeners and the Gardening Profession" at the next meeting.

LEE WHITMAN.

WACO, TEX.—Thomas Wolf is making a success of growing orchids.

NAPPANEE, IND.—The first greenhouse in this prosperous little town was erected by Charles A. Doswell, who began business here in April of last year. Mr. Doswell was formerly superintendent of public parks at Fort Wayne, and later he had charge of Winona Park, Winona Lake, Ind., where he designed a remarkable flower bed which won him some celebrity. His establishment is splendidly located on South Main street and contains a fine stock of carnations and bedding plants. His business is rapidly increasing and he will build another greenhouse this season.

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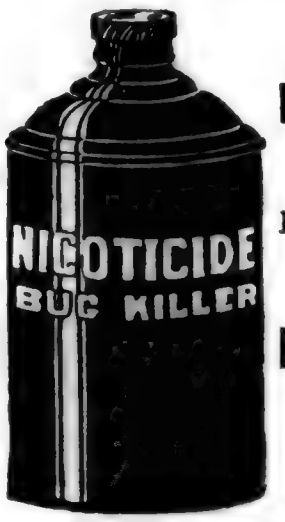
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WAYSIDE NOTES.

Paul M. Olm, of Bath, Me., is around after a severe attack of nephritis, which at one time threatened to end his successful career, but native grit and a good partner pulled him through, to the gratification of his many friends. He fortunately has good help, trained by himself, who did well during his long siege of illness. He has plans for an addition of 8,000 square feet of glass, the material to be supplied by the Lord & Burnham Co. in the spring.

Ernest Saunders, at Lewiston, Me., has a new greenhouse, 33x600 feet, adjoining the office and store, and it makes a big impression upon visitors, who take great pleasure in strolling through it at this season. Everything is kept clean and attractive.

Adam Sekenger, of Bangor, Me., has planted large numbers of May flowering tulips outdoors for Decoration day business. He reports a steadily increasing shipping trade to the most remote places in the lumber country. Lilies look fine all through this section and will be in good supply for Easter.

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Chatterton Warburton, of Fall River, Mass., sent his son to represent him at the meeting of the A. C. S. at Pittsburg. He believes in letting the young men share in the benefits derived at these conventions. M.

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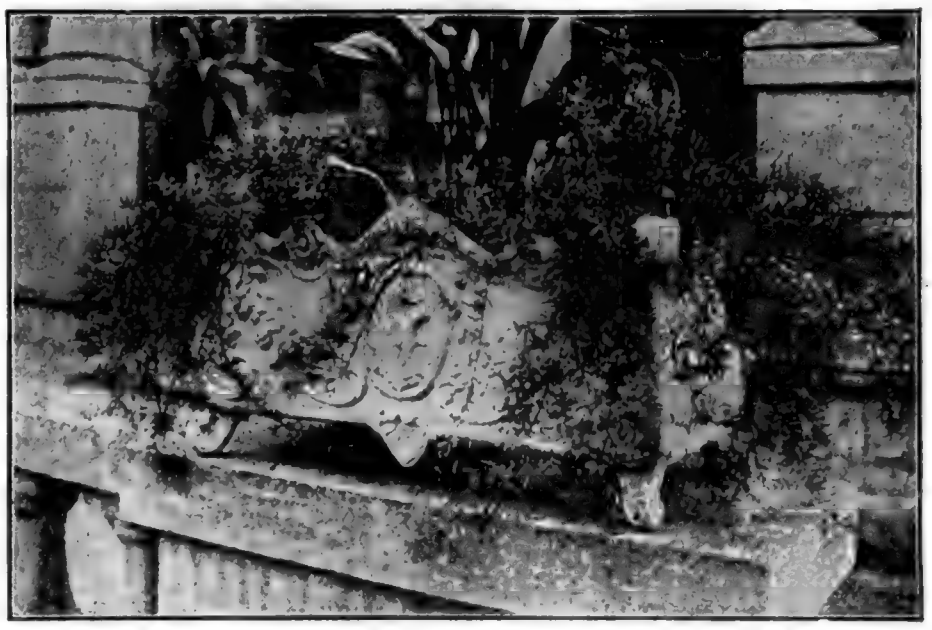
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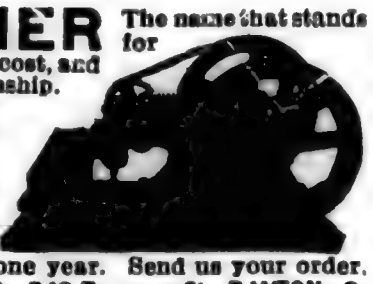
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NEW ORLEANS.

The Market.

We are coming to the end of a winter which has been bad for the sale of plants. As early and steady cold weather has nipped the vegetation in our beautiful gardens, nobody wanted to buy fresh stock before the warm season would open again. This will soon come and business, no doubt, will be much better then. In cut flowers and decorations the season has been exceptionally good, Christmas, New Year's and the carnival season creating a big demand for cut flowers, better than for many years previous. Several of our local growers have been growing and disposing of their stock to the full capacity of their greenhouses. Also the importation of flowers from other localities has been more extensive than ever. At the markets nothing is being done so far, but it is a matter of only a short time before business will open.

Club Meeting.

Vice-President Herman Doescher was chairman of the last meeting of the New Orleans Horticultural Society. Nobody blamed A. Alost, the president, for not being present, as the wind was blowing at that time a regular blizzard, and the automobile bus, lately running from his place to town, would not have been safe enough to carry him back home. The mercury went down to 22 degrees above and the florists were wondering what it must be when it is that much below zero, as reported from other places. Still, some fine samples of cucumbers were brought for inspection by H. Doescher. The quality is right, but the prices are not quite satisfactory. As usual, the Metairie Ridge Nurseries and U. J. Virgin had on exhibition some good home-grown flowers. This cold spell will, no doubt, be the last of this winter, and now let us look for a lovely opening of the spring season. M. M. L.

Dover, N. H.—Charles L. Howe, proprietor of the Garrison Hill greenhouses, has been ill, but is now reported as convalescent.

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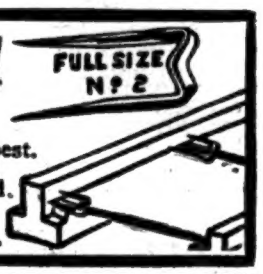
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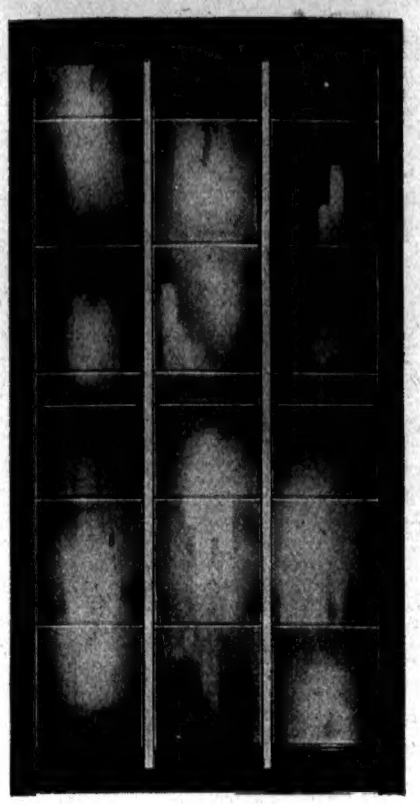
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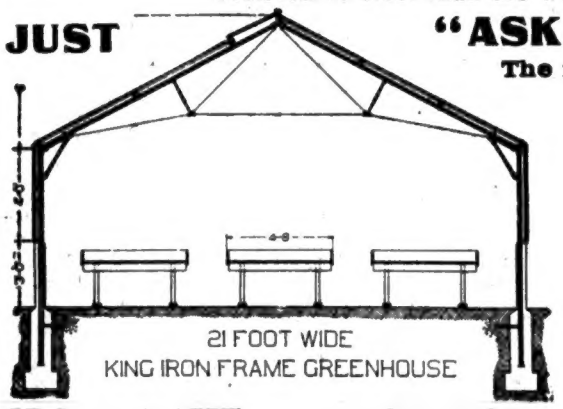


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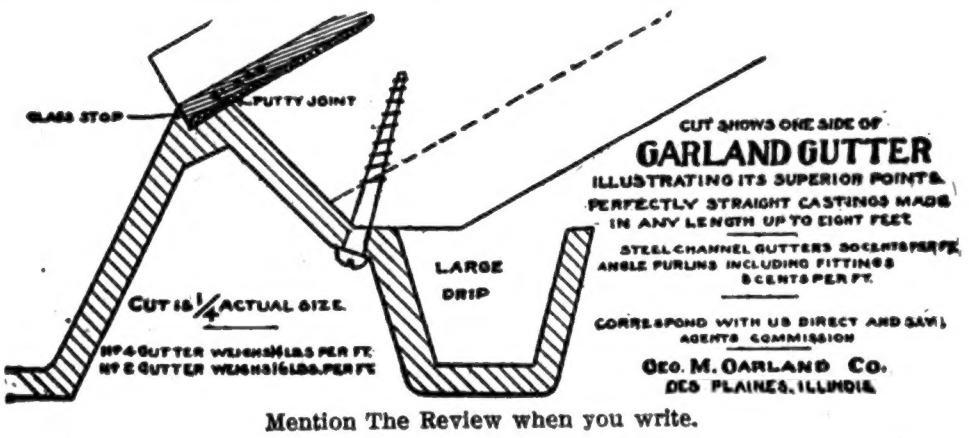
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